

State Population Total

1,283,388

City & County of Honolulu

905,601

Hawaii County

173,057



2007

The State of Hawaii

DATA BOOK

A Statistical Abstract



Kauai County

62,828

Maui County

141,902



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THE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM
STATE OF HAWAII

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2007

The State of Hawaii
DATA BOOK
A Statistical Abstract



DBEDT
THE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM
S T A T E O F H A W A I I

August 2008

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Bibliography

Table A. Printing History of the *State of Hawaii Data Book*
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This report has been produced by the Hawaii State Department of Business, Economic Development & Tourism's Research and Economic Analysis Division, headed by Pearl Imada Iboshi, Ph.D., Economic Research Administrator. It was compiled and edited by Mary Blewitt, Hans Meyer, Jan Nakamoto, and Naomi Akamine with the assistance of Paul Oshiro, David Hiromoto and Michelle Pommer. Cover design is by David Hiromoto. The Office of Planning, DBEDT, produced the maps.

The report is available <<http://www.hawaii.gov/dbedt/>>.

ABOUT THIS EDITION

The Department of Business, Economic Development & Tourism is pleased to present the 2007 edition of the *State of Hawaii Data Book*, the official summary of statistics on the social, economic, and political organization of our state.

This edition, the 40th in the series, closely follows the organization and format of its counterpart, the *Statistical Abstract of the United States*, to facilitate comparison of state and national data. It places the major emphasis on statewide data and less so on counties, islands, urban places, and smaller areas. Source references for additional statistical detail are provided in the introductions to the sections and at the end of each table.

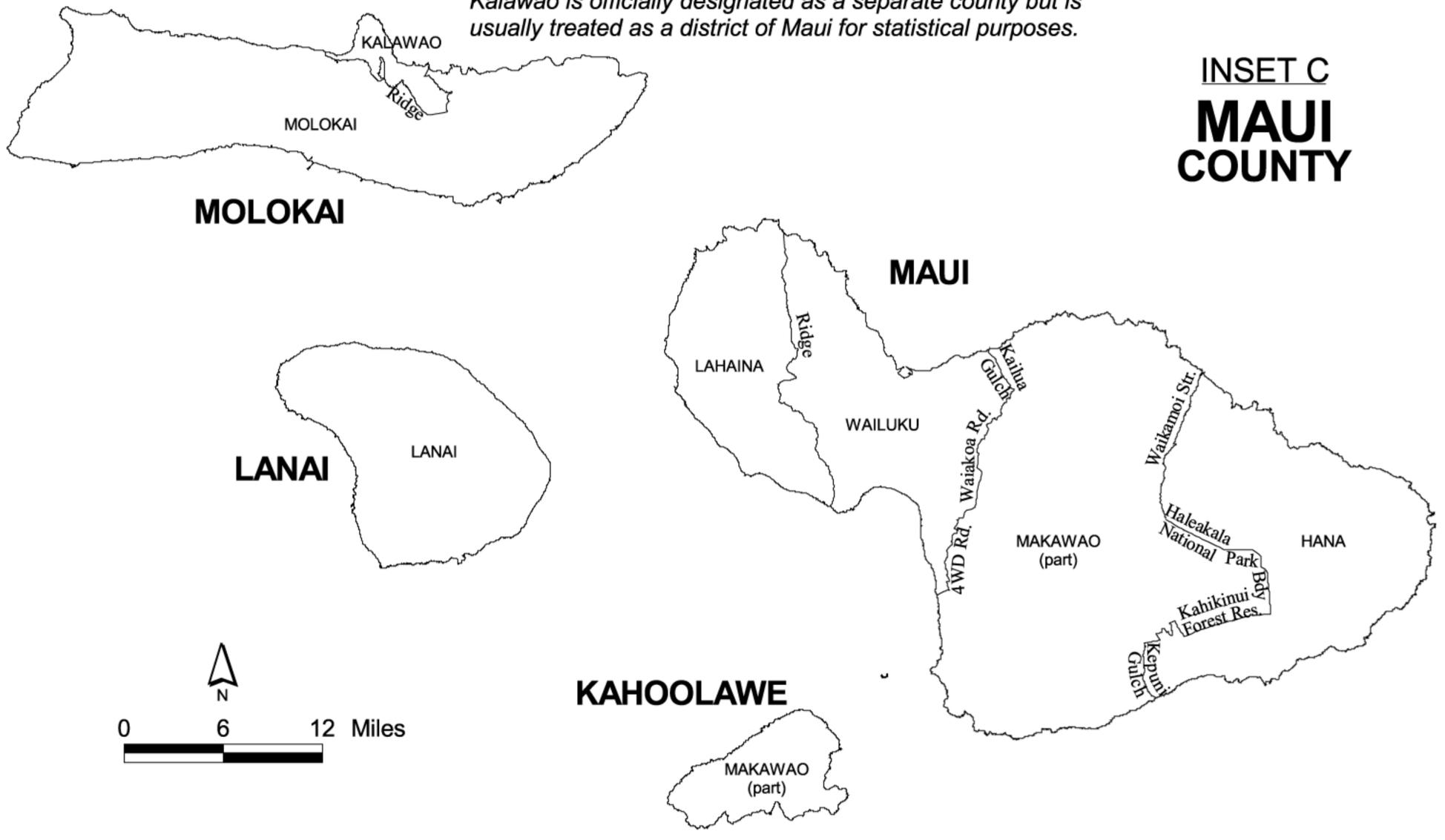
Agencies of the federal, state, and county governments, as well as numerous private organizations, assisted DBEDT's Research and Economic Analysis Division in preparing the *Data Book*. To them, we extend our appreciation for their cooperation and contributions to this annual endeavor.



Theodore E. Liu
Director of Business,
Economic Development &
Tourism

Kalawao is officially designated as a separate county but is usually treated as a district of Maui for statistical purposes.

**INSET C
MAUI
COUNTY**

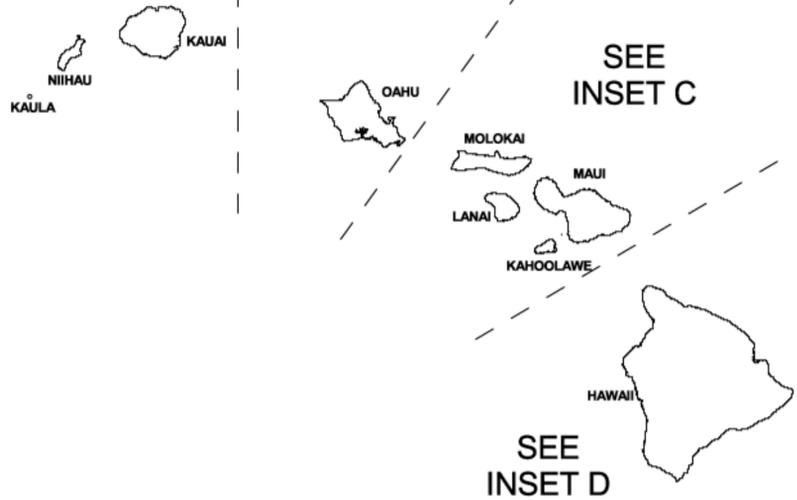


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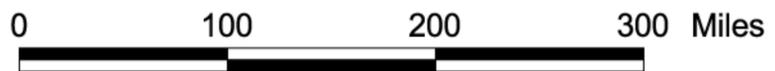
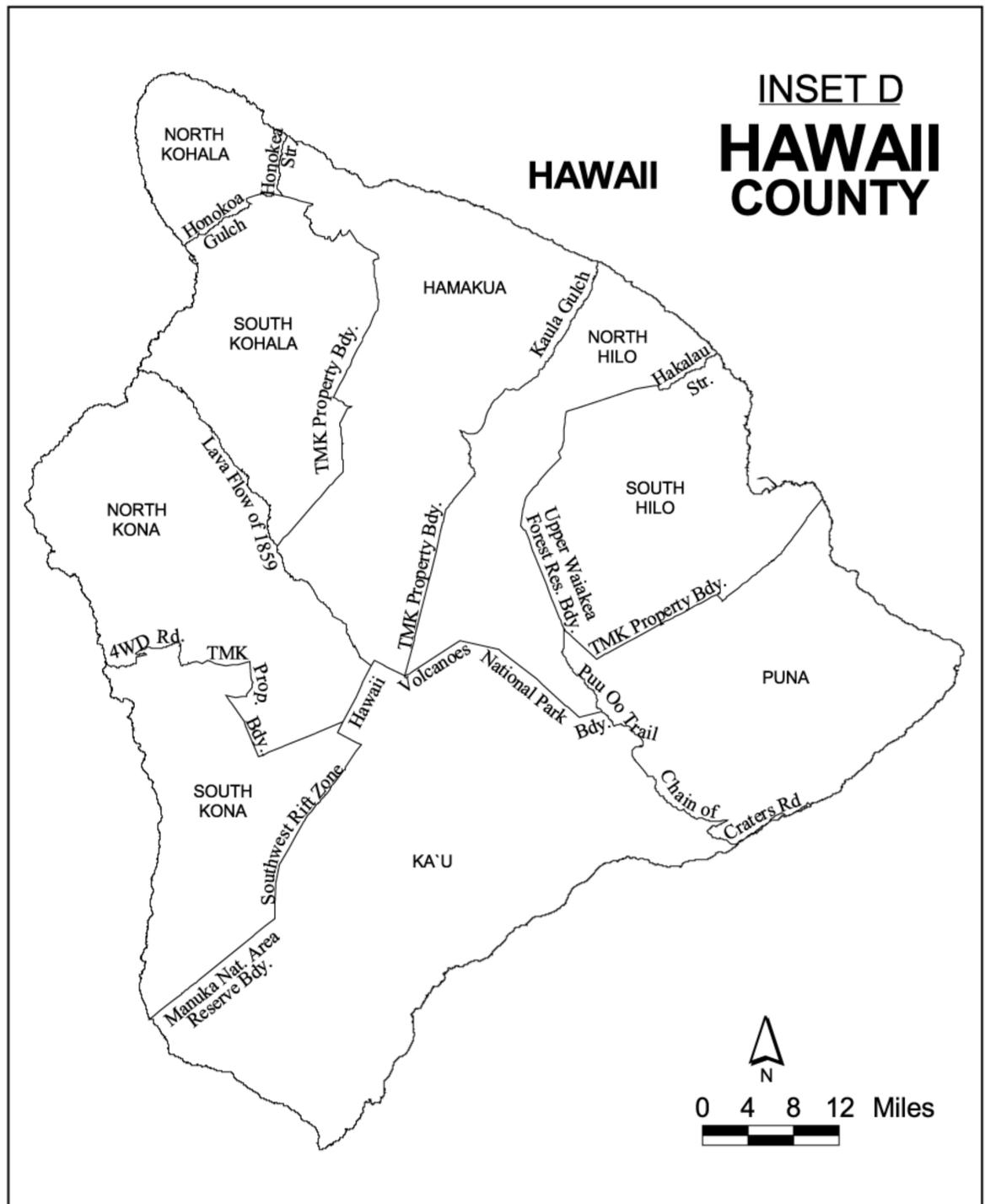
SEE
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INSET D



**INSET D
HAWAII
COUNTY**



STATE OF HAWAII

DEPARTMENT OF BUSINESS, ECONOMIC
DEVELOPMENT & TOURISM

OFFICE OF PLANNING

2001

GUIDE TO TABULAR PRESENTATION

The tables in this report generally follow the principles of tabular presentation used by the U.S. Census Bureau in its annual publication, *Statistical Abstract of the United States*, and described in *Bureau of the Census Manual of Tabular Presentation*, published by the Bureau in 1950. These principles have been accepted by the Department of Business, Economic Development & Tourism for use in its publications and recommended to all other state agencies for official use.

Headnotes immediately below table titles provide information important for correct interpretation or evaluation of the table as a whole or for a major segment of it.

Unit indicators ("In thousands," "In millions of dollars," etc.) are usually given as the first element of the headnote. In tables where several units are used, the unit indicators are generally given in the stub or in the column headings.

Footnotes below the bottom rule of tables give information relating to specific items, figures or symbols within the table.

Parallel vertical rules are used to the right of a total column to indicate --

- (1) that the components which follow add to the total;
- (2) in the case of derived figures, that the underlying data are additive to their total.

A dash (-) represents zero in references to absolute values. In rates and percentages, a zero (0) is used. When data are not available (NA) is used. The symbol (X) is used when data are not applicable. A (D) is used when information is withheld by the source to avoid disclosing data for individual companies.

In many tables, details will not add exactly to the totals and subtotals shown because of rounding.

Geographic coverage should be understood as statewide, unless otherwise indicated in the table title, headnote, boxhead, or stub. All annual statistics should be understood as referring to calendar years unless otherwise indicated.

The source of a table may include an address to an Internet webpage. Should the link be invalid, please try the upper levels of the address.

Brackets (< >) indicate the uniform resource locator (URL) of the website of the publication, title page, if applicable, or the page where cited material appears.

Section 1

POPULATION

This section presents statistics on the growth, geographic distribution, and composition of the population of Hawaii, and on the number and characteristics of migrants moving to and from the state.

The principal sources for these data are the decennial population censuses conducted by the U.S. Census Bureau; the estimates developed annually by the Federal-State Cooperative Program for Population Estimates; the Hawaii Health Survey conducted regularly since 1969 by the Hawaii State Department of Health; the ongoing series on visitors present and residents absent currently provided by the Tourism Research Branch of the Hawaii State Department of Business, Economic Development & Tourism; and the Office of Immigration Statistics tabulations on immigration and naturalization. Earlier figures on population and migration are given in *Historical Statistics of Hawaii*, Sections 1 and 3. Comparable national statistics on population and migration appear in Section 1 of the *Statistical Abstract of the United States: 2008*.

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Table 1.01-- POPULATION OF COUNTIES: 1831 TO 2000

[Population counts from missionary censuses of 1831-1832 and 1835-1836, censuses conducted by the Hawaiian government from 1850 to 1896, and censuses by the U.S. Bureau of the Census beginning in 1900. Data for 1831-1896 are on a de facto or unspecified basis; data for 1900 and later years are resident totals, including armed forces stationed in Hawaii. Based on county boundaries established in 1905 and 1909]

| Census date | Total population | | City & County of Honolulu | Hawaii County | Kauai County | Maui County 2/ |
|-----------------|------------------|-------------------|---------------------------|---------------|--------------|----------------|
| | Number | Percent change 1/ | | | | |
| 1831-32 3/ | 130,313 | (X) | 29,755 | 45,792 | 12,024 | 42,742 |
| 1835-36 4/ | 108,579 | -4.6 | 27,809 | 39,364 | 9,927 | 31,479 |
| 1850: January | 84,165 | -1.8 | 25,440 | 25,864 | 7,670 | 25,191 |
| 1853: Dec. 26 | 73,138 | -3.5 | 19,126 | 24,450 | 7,781 | 21,781 |
| 1860: Dec. 24 | 69,800 | -0.7 | 21,275 | 21,481 | 7,134 | 19,910 |
| 1866: Dec. 7 | 62,959 | -1.7 | 19,799 | 19,808 | 6,624 | 16,728 |
| 1872: Dec. 27 | 56,897 | -1.7 | 20,671 | 16,001 | 5,194 | 15,031 |
| 1878: Dec. 27 | 57,985 | 0.3 | 20,236 | 17,034 | 5,811 | 14,904 |
| 1884: Dec. 27 | 80,578 | 5.5 | 28,068 | 24,991 | 8,935 | 18,584 |
| 1890: Dec. 28 | 89,990 | 1.8 | 31,194 | 26,754 | 11,859 | 20,183 |
| 1896: Sept. 27 | 109,020 | 3.3 | 40,205 | 33,285 | 15,392 | 20,138 |
| 1900: June 1 | 154,001 | 9.4 | 58,504 | 46,843 | 20,734 | 27,920 |
| 1910: April 15 | 191,874 | 2.2 | 81,993 | 55,382 | 23,952 | 30,547 |
| 1920: January 1 | 255,881 | 3.0 | 123,496 | 64,895 | 29,438 | 38,052 |
| 1930: April 1 | 368,300 | 3.6 | 202,887 | 73,325 | 35,942 | 56,146 |
| 1940: April 1 | 422,770 | 1.4 | 257,696 | 73,276 | 35,818 | 55,980 |
| 1950: April 1 | 499,794 | 1.7 | 353,020 | 68,350 | 29,905 | 48,519 |
| 1960: April 1 | 632,772 | 2.4 | 500,409 | 61,332 | 28,176 | 42,855 |
| 1970: April 1 | 769,913 | 2.0 | 630,528 | 63,468 | 29,761 | 46,156 |
| 1980: April 1 | 964,691 | 2.3 | 762,565 | 92,053 | 39,082 | 70,991 |
| 1990: April 1 | 1,108,229 | 1.4 | 836,231 | 120,317 | 51,177 | 100,504 |
| 2000: April 1 | 1,211,537 | 0.9 | 876,156 | 148,677 | 58,463 | 128,241 |

X Not applicable.

1/ Annual rate since the preceding census, based on the formula for continuous compounding.

2/ Maui County including Kalawao County.

3/ Total population also reported as 129,814.

4/ Total population also reported as 108,393 and 108,568.

Source: Robert C. Schmitt, *Historical Statistics of Hawaii* (University Press of Hawaii, 1977), pp. 11-14; U.S. Bureau of the Census, *1980 Census of Population*, PC80-1-A13 (October 1981), table 2, and *1990 Census of Population and Housing*, 1990 CPH-1-13 (August 1991), table 2; and U.S. Census Bureau, *Census 2000 Redistricting Data (P.L. 94-171) Summary File* (March 19, 2001).

Table 1.02-- CHARACTERISTICS OF THE POPULATION: 1831 TO 2000

[See headnote to table 1.01]

| Year | Percent urban | Males per 100 females | Percent under 15 years old | Percent white 1/ | Percent born in Hawaii | Persons per household 2/ |
|---------|---------------|-----------------------|----------------------------|------------------|------------------------|--------------------------|
| 1831-32 | 10.3 | 105.3 | 26.1 | (NA) | (NA) | (NA) |
| 1835-36 | 12.0 | (NA) | (NA) | (NA) | (NA) | (NA) |
| 1850 | 17.2 | 110.1 | (NA) | (NA) | (NA) | (NA) |
| 1853 | 15.7 | 113.1 | (NA) | 2.3 | 97.5 | (NA) |
| 1860 | 20.5 | 116.1 | (NA) | 2.7 | (NA) | (NA) |
| 1866 | 21.5 | 120.4 | 26.5 | 3.8 | (NA) | (NA) |
| 1872 | 26.1 | 125.4 | 27.8 | 5.2 | 92.1 | (NA) |
| 1878 | 24.3 | 142.8 | 28.1 | 6.5 | 83.6 | (NA) |
| 1884 | 25.4 | 177.5 | 28.0 | 20.6 | 57.4 | (NA) |
| 1890 | 25.5 | 187.7 | 26.1 | 21.0 | 53.5 | (NA) |
| 1896 | 27.4 | 198.7 | 27.7 | 20.6 | 48.8 | (NA) |
| 1900 | 25.5 | 223.3 | 22.6 | 17.3 | 38.3 | 3.71 |
| 1910 | 30.7 | 178.9 | 29.5 | 20.4 | 45.1 | (NA) |
| 1920 | 36.1 | 144.3 | 35.5 | 19.2 | 53.3 | (NA) |
| 1930 | 53.7 | 152.8 | 36.2 | 20.0 | 58.2 | (NA) |
| 1940 | 62.5 | 137.6 | 30.9 | 24.5 | 65.8 | 4.46 |
| 1950 | 69.0 | 121.2 | 31.2 | 23.0 | 71.1 | 4.14 |
| 1960 | 76.5 | 114.8 | 34.4 | 32.0 | 66.6 | 3.87 |
| 1970 | 83.5 | 108.1 | 30.0 | 39.2 | 59.2 | 3.59 |
| 1980 | 86.5 | 105.2 | 23.4 | 34.4 | 57.8 | 3.15 |
| 1990 | 89.0 | 103.6 | 21.5 | 33.4 | 56.1 | 3.01 |
| 2000 | 91.6 | 101.0 | 20.3 | 3/ 39.3 | 56.9 | 2.92 |

NA Not available.

1/ Includes Portuguese and most Puerto Ricans. Data for 1970-2000 also include some persons of mixed race.

2/ Based on population in households. Partly estimated for 1940.

3/ The Census 2000 allowed respondents to select one or more races. Data include persons selecting white race alone or in combination with one or more of the other four major race groups, which are Black or African American, American Indian and Alaska Native, Asian, Native Hawaiian and Other Pacific Islander as well as the residual category of some other race.

Source: Robert C. Schmitt, *Historical Statistics of Hawaii* (University Press of Hawaii, 1977), pp. 8, 20, 25, 33, and 90; U.S. Bureau of the Census, *1980 Census of Population, General Population Characteristics, Hawaii*, PC80-1-B13 (July 1982), tables 14, 17, and 20, and *General Social and Economic Characteristics, Hawaii*, PC80-1-C13 (June 1983), table 61; U.S. Bureau of the Census, *1990 Census of Population and Housing, Summary Population and Housing Characteristics, Hawaii*, 1990 CPH-1-13 (August 1991), tables 3 and 5, and *Population and Housing Unit Counts, Hawaii*, 1990 CPH-2-13 (March 1993), table 1; U.S. Bureau of the Census, *1990 Census of Population, General Population Characteristics, Hawaii*, 1990 CP-1-13 (June 1992), table 17, and *Social and Economic Characteristics, Hawaii*, 1990 CP-2-13 (September 1993), table 23; and U.S. Census Bureau, Census 2000 Summary File 1 Hawaii (July 25, 2001) and Census 2000 Summary File 3 Hawaii (September 25, 2002).

**Table 1.03-- RESIDENT POPULATION, BY MILITARY STATUS:
1997 TO 2007**

[Based on place of usual residence, regardless of physical location on the estimate or census date. Includes military personnel stationed or homeported in Hawaii and residents temporarily absent; excludes visitors present]

| Date | Total resident population 1/ | Armed forces 2/ | Civilian population | | |
|---------------|------------------------------|-----------------|---------------------|------------------------|----------------------------|
| | | | All civilians 1/ | Military dependents 3/ | Not military dependents 1/ |
| 1997: July 1 | 1,211,640 | 44,542 | 1,167,098 | 55,082 | 1,112,016 |
| 1998: July 1 | 1,215,233 | 44,984 | 1,170,249 | 60,022 | 1,110,227 |
| 1999: July 1 | 1,210,300 | 41,361 | 1,168,939 | 43,950 | 1,124,989 |
| 2000: April 1 | 1,211,537 | 39,036 | 1,172,501 | 42,450 | 1,130,051 |
| July 1 | 1,211,586 | 44,453 | 1,167,133 | 44,541 | 1,122,592 |
| 2001: July 1 | 1,218,553 | 43,805 | 1,174,748 | 52,906 | 1,121,842 |
| 2002: July 1 | 1,228,763 | 44,516 | 1,184,247 | 49,044 | 1,135,203 |
| 2003: July 1 | 1,240,325 | 43,941 | 1,196,384 | 53,449 | 1,142,935 |
| 2004: July 1 | 1,254,172 | 34,374 | 1,219,798 | 57,056 | 1,162,742 |
| 2005: July 1 | 1,267,581 | 40,372 | 1,227,209 | 57,473 | 1,169,736 |
| 2006: July 1 | 1,278,635 | 41,758 | 1,236,877 | 53,124 | 1,183,753 |
| 2007: July 1 | 1,283,388 | 34,895 | 1,248,493 | 59,606 | 1,188,887 |

1/ The resident population is defined as the number of persons whose usual place of residence is in an area, regardless of physical location on the estimate or census date. It includes military personnel stationed or homeported in the area and residents temporarily absent, but excludes visitors present. Resident population estimates for 1991 through 1999 were revised based upon the April 1, 2000 figures. The revisions were released April 19, 2002. Population estimates after 1999 were based on data released December 27, 2007 and may differ somewhat from earlier figures cited in other tables. Figures for "all civilians" and for "civilian population - not military dependent" may also differ from earlier figures as a result of these population revisions.

2/ These figures are the estimates developed by the U.S. Census Bureau. They differ somewhat from corresponding figures from other sources.

3/ Dependents living in Hawaii, regardless of location of family head.

Source: U.S. Census Bureau, Population Division, "Table 1: Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2007" (NST-EST2007-01) (December 27, 2007) <<http://www.census.gov/popest/states/tables/NST-EST2007-01.xls>> accessed December 27, 2007, records and decennial censuses; U.S. Census Bureau, Population Division and Hawaii State Department of Business, Economic Development & Tourism, "Population Estimates by Military Status by Single Years of Age for the State of Hawaii: 2000 to 2007" <http://hawaii.gov/dbedt/info/census/popestimate/2007-state-characteristics/Milstat_year_00_07_hi.xls> (May 1, 2008) accessed May 1, 2008; Hawaii State Department of Business, Economic Development & Tourism, annual survey of local commanding officers and calculations.

Table 1.04-- RESIDENT AND DE FACTO POPULATION, BY RESIDENCE STATUS: 1990 TO 2007

| Date | Resident population 1/ | | De facto population 2/ | | De facto-resident ratio |
|---------------|------------------------|-----------------------|------------------------|---------------------|-------------------------|
| | Total | Temporarily absent 3/ | Total | Visitors present 4/ | |
| 1990: April 1 | 1,108,229 | 28,602 | 1,230,731 | 151,104 | 1.111 |
| July 1 | 1,113,491 | 27,994 | 1,240,013 | 154,516 | 1.114 |
| 1991: July 1 | 1,136,754 | 31,812 | 1,252,265 | 147,323 | 1.102 |
| 1992: July 1 | 1,158,613 | 39,200 | 1,271,662 | 152,249 | 1.098 |
| 1993: July 1 | 1,172,838 | 52,487 | 1,267,849 | 147,498 | 1.081 |
| 1994: July 1 | 1,187,536 | 54,362 | 1,289,804 | 156,630 | 1.086 |
| 1995: July 1 | 1,196,854 | 55,856 | 1,298,096 | 157,098 | 1.085 |
| 1996: July 1 | 1,203,755 | 58,137 | 1,303,915 | 158,297 | 1.083 |
| 1997: July 1 | 1,211,640 | 40,898 | 1,327,930 | 157,187 | 1.096 |
| 1998: July 1 | 1,215,233 | 38,495 | 1,334,125 | 157,388 | 1.098 |
| 1999: July 1 | 1,210,300 | 42,297 | 1,332,442 | 164,439 | 1.101 |
| 2000: April 1 | 1,211,537 | 42,021 | 1,337,991 | 168,475 | 1.104 |
| July 1 | 1,211,586 | 46,151 | 1,334,072 | 168,637 | 1.101 |
| 2001: July 1 | 1,218,553 | 46,566 | 1,330,234 | 158,247 | 1.092 |
| 2002: July 1 | 1,228,763 | 46,757 | 1,342,201 | 160,195 | 1.092 |
| 2003: July 1 | 1,240,325 | 53,447 | 1,347,926 | 161,048 | 1.087 |
| 2004: July 1 | 1,254,172 | 57,481 | 1,368,172 | 171,481 | 1.091 |
| 2005: July 1 | 1,267,581 | 65,674 | 1,387,352 | 185,445 | 1.094 |
| 2006: July 1 | 1,278,635 | 5/ 68,656 | 1,399,420 | 5/ 189,441 | 1.094 |
| 2007: July 1 | 1,283,388 | 71,626 | 1,406,133 | 194,371 | 1.096 |

1/ The resident population is defined as the number of persons whose usual place of residence is in an area, regardless of physical location on the estimate or census date. It includes military personnel stationed or homeported in the area and residents temporarily absent, but excludes visitors present. Resident population estimates for 1991 through 1999 were revised based upon the April 1, 2000 figures. The revisions were released April 19, 2002. Population estimates after 1999 were based on data released December 27, 2007 and may differ somewhat from earlier figures cited in other tables.

2/ The de facto population is defined as the number of persons physically present in an area, regardless of military status or usual place of residence. It includes visitors present but excludes residents temporarily absent, both calculated as an average daily census. De facto population estimates after July 2000 may differ somewhat from earlier figures cited in other tables due to revised population estimates released during the year.

3/ Figures reflect changes in research methodology by the Hawaii State Department of Business, Economic Development & Tourism in November 2000.

4/ Average daily census. Figures reflect changes in research methodology by the Hawaii State Department of Business, Economic Development & Tourism in November 2000.

5/ Revised from previous *Data Book*.

Source: U.S. Census Bureau, Population Division, "Table 1: Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2007" (NST-EST2007-01) (December 27, 2007) <<http://www.census.gov/popest/states/tables/NST-EST2007-01.xls>> accessed December 27, 2007; Hawaii State Department of Business, Economic Development & Tourism, Tourism Research Branch; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.05-- RESIDENT POPULATION OF ISLANDS: 1950 TO 2000

[Based on place of usual residence, regardless of physical location on the estimate or census date. Includes military personnel stationed or homeported in Hawaii and residents temporarily absent; excludes visitors present]

| Island | 1950 | 1960 | 1970 | 1980 | 1990 | 2000 |
|--|---------|---------|---------|---------|-----------|-----------|
| State of Hawaii | 499,794 | 632,772 | 769,913 | 964,691 | 1,108,229 | 1,211,537 |
| Hawaii | 68,350 | 61,332 | 63,468 | 92,053 | 120,317 | 148,677 |
| Kahoolawe | - | - | - | - | - | - |
| Maui 1/ | 40,103 | 35,717 | 38,691 | 62,823 | 91,361 | 117,644 |
| Lanai | 3,136 | 2,115 | 2,204 | 2,119 | 2,426 | 3,193 |
| Molokai | 5,280 | 5,023 | 5,261 | 6,049 | 6,717 | 7,404 |
| Oahu 2/ | 353,006 | 500,394 | 630,497 | 762,534 | 836,231 | 876,151 |
| Kauai | 29,683 | 27,922 | 29,524 | 38,856 | 50,947 | 58,303 |
| Niihau 3/ | 222 | 254 | 237 | 226 | 230 | 160 |
| Northwestern Hawaiian Islands | 14 | 15 | 31 | 31 | (4/) | 5 |
| Necker Island | - | (NA) | (NA) | - | - | 5 |
| French Frigate Shoals | 14 | (NA) | (NA) | 4 | - | - |
| Laysan Island | - | (NA) | (NA) | 5 | - | - |
| Kure Atoll | - | (NA) | (NA) | 22 | (4/) | - |
| Other islands 5/ | - | (NA) | (NA) | - | - | - |
| Other Islands (Not legally part of the state) | 462 | 2,512 | 3,227 | 780 | 186 | (NA) |
| Midway Islands | 416 | 2,356 | 2,220 | 453 | 13 | (NA) |
| Baker Island | - | - | - | - | - | (NA) |
| Howland Island | - | - | - | - | - | (NA) |
| Jarvis Island | - | - | - | - | - | (NA) |
| Johnston Atoll | 46 | 156 | 1,007 | 327 | 173 | (NA) |
| Kingman Reef | - | - | - | - | - | (NA) |
| Palmyra Atoll | - | - | - | - | - | (NA) |

NA Not available.

1/ Including Molokini, uninhabited.

2/ Including Sand Island (56 in 1970, 60 in 1980, 25 in 1990), Mokauea Island (12 in 1970, 11 in 1980, uninhabited in 1990), Ford Island (798 in 1970, 522 in 1980, 233 in 1990), and Moku o Loe (uninhabited in 1970, 16 in 1980, 6 in 1990). The combined total for Sand Island and Mokauea Island in 1960 was 36. These offshore islands were not reported separately in other years.

3/ Including Lehua and Kaula, uninhabited.

4/ Reported as uninhabited by the 1990 Census but with 24 by the U.S. Coast Guard.

5/ Nihoa, Gardner Pinnacles, Maro Reef, Lisianski Island, and Pearl and Hermes Atoll.

Source: U.S. Bureau of the Census, decennial census bulletins on number of inhabitants, census tracts, and block statistics, 1940-1990, and 1990 census printouts and tapes; U.S. Coast Guard, records (for Kure Atoll in 1990); and U.S. Census Bureau, Census 2000 Redistricting Data (P.L. 94-171) Summary File (March 19, 2001).

Table 1.06-- RESIDENT POPULATION, BY COUNTY: 1990 TO 2007

[Based on place of usual residence, regardless of physical location on the estimate or census date. Includes military personnel stationed or homeported in Hawaii and residents temporarily absent; excludes visitors present]

| Date | State total | City and County of Honolulu | Hawaii County | Kauai County | Maui County 1/ |
|-----------------|-------------|-----------------------------|---------------|--------------|----------------|
| 1990: April 1 | 1,108,229 | 836,231 | 120,317 | 51,177 | 100,504 |
| July 1 2/ | 1,113,491 | 838,534 | 121,572 | 51,676 | 101,709 |
| 1991: July 1 2/ | 1,136,754 | 850,510 | 127,266 | 53,379 | 105,599 |
| 1992: July 1 2/ | 1,158,613 | 863,959 | 131,630 | 54,439 | 108,585 |
| 1993: July 1 2/ | 1,172,838 | 870,348 | 135,085 | 55,461 | 111,944 |
| 1994: July 1 2/ | 1,187,536 | 878,591 | 137,713 | 56,478 | 114,754 |
| 1995: July 1 2/ | 1,196,854 | 881,399 | 140,492 | 57,068 | 117,895 |
| 1996: July 1 2/ | 1,203,755 | 883,443 | 141,935 | 57,688 | 120,689 |
| 1997: July 1 2/ | 1,211,640 | 886,711 | 144,445 | 57,712 | 122,772 |
| 1998: July 1 2/ | 1,215,233 | 886,909 | 145,833 | 57,843 | 124,648 |
| 1999: July 1 2/ | 1,210,300 | 878,906 | 146,970 | 58,264 | 126,160 |
| 2000: April 1 | 1,211,537 | 876,156 | 148,677 | 58,463 | 128,241 |
| July 1 | 1,211,586 | 875,133 | 149,071 | 58,509 | 128,873 |
| 2001: July 1 | 1,218,553 | 877,496 | 150,860 | 58,734 | 131,463 |
| 2002: July 1 | 1,228,763 | 883,357 | 153,162 | 59,439 | 132,805 |
| 2003: July 1 | 1,240,325 | 889,102 | 156,320 | 60,015 | 134,888 |
| 2004: July 1 | 1,254,172 | 895,895 | 160,129 | 61,006 | 137,142 |
| 2005: July 1 | 1,267,581 | 902,034 | 164,770 | 61,673 | 139,104 |
| 2006: July 1 | 1,278,635 | 906,715 | 169,419 | 61,986 | 140,515 |
| 2007: July 1 | 1,283,388 | 905,601 | 173,057 | 62,828 | 141,902 |

1/ Including Kalawao County (Kalaupapa Settlement). Kalawao had 130 in 1990, 147 in 2000, and 119 in 2007.

2/ Population estimates for 1990 through 1999 were revised based upon the April 1, 2000 figures. The revisions were released April 19, 2002. Population estimates after April 1, 2000 are based on revisions released in March 2008 and may differ somewhat from earlier figures cited in other tables.

Source: U.S. Bureau of the Census, Federal-State Cooperative Program for Population Estimates, "Time Series of Hawaii Intercensal Population Estimates by County: April 1, 1990 to April 1, 2000" (CO-EST2001-12-15)

<<http://eire.census.gov/popest/data/counties/tables/CO-EST2001-12/CO-EST2001-12-15.php>> accessed April 19, 2002; "Table 1: Annual Estimates of the Population for Counties of Hawaii: April 1, 2000 to July 1, 2007" (CO-EST2007-01-15) (March 20, 2008)

<<http://www.census.gov/popest/counties/tables/CO-EST2007-01-15.xls>> accessed March 20, 2008.

**Table 1.07 -- PERCENTAGE CHANGE IN RESIDENT POPULATION,
BY COUNTY: 1991 TO 2007**

[Based on place of usual residence, regardless of physical location on the estimate
or census date. Includes military personnel stationed or homeported in Hawaii
and residents temporarily absent; excludes visitors present]

| Date | State total | City and County of Honolulu | Hawaii County | Kauai County | Maui County 1/ |
|------------------------|--------------------|--|--------------------------|-------------------------|---------------------------|
| 1991 2/ | 2.1 | 1.4 | 4.7 | 3.3 | 3.8 |
| 1992 2/ | 1.9 | 1.6 | 3.4 | 2.0 | 2.8 |
| 1993 2/ | 1.2 | 0.7 | 2.6 | 1.9 | 3.1 |
| 1994 2/ | 1.3 | 0.9 | 1.9 | 1.8 | 2.5 |
| 1995 2/ | 0.8 | 0.3 | 2.0 | 1.0 | 2.7 |
| 1996 2/ | 0.6 | 0.2 | 1.0 | 1.1 | 2.4 |
| 1997 2/ | 0.7 | 0.4 | 1.8 | 0.0 | 1.7 |
| 1998 2/ | 0.3 | 0.0 | 1.0 | 0.2 | 1.5 |
| 1999 2/ | -0.4 | -0.9 | 0.8 | 0.7 | 1.2 |
| 2000 | 0.1 | -0.4 | 1.4 | 0.4 | 2.2 |
| 2001 | 0.6 | 0.3 | 1.2 | 0.4 | 2.0 |
| 2002 | 0.8 | 0.7 | 1.5 | 1.2 | 1.0 |
| 2003 | 0.9 | 0.7 | 2.1 | 1.0 | 1.6 |
| 2004 | 1.1 | 0.8 | 2.4 | 1.7 | 1.7 |
| 2005 | 1.1 | 0.7 | 2.9 | 1.1 | 1.4 |
| 2006 | 0.9 | 0.5 | 2.8 | 0.5 | 1.0 |
| 2007 | 0.4 | -0.1 | 2.1 | 1.4 | 1.0 |
| Annual average growth: | | | | | |
| 1990-2000 | 0.8 | 0.4 | 2.1 | 1.2 | 2.4 |
| 2000-2007 | 0.8 | 0.5 | 2.2 | 1.0 | 1.4 |
| 1997-2007 | 0.6 | 0.2 | 1.8 | 0.9 | 1.5 |

1/ Maui County includes Kalawao County.

2/ Population estimates for 1990 through 1999 were revised based upon the April 1, 2000 figures. The revisions were released April 19, 2002. Population estimates after April 1, 2000 are based on revisions released in March 2008 and may differ somewhat from earlier figures cited in other tables.

Source: U.S. Bureau of the Census, Federal-State Cooperative Program for Population Estimates, Time Series of Hawaii Intercensal Population Estimates by County: April 1, 1990 to April 1, 2000 (CO-EST2001-12-15)

<<http://eire.census.gov/popest/data/counties/tables/CO-EST2001-12/CO-EST2001-12-15.php>> accessed April 19, 2002; "Table 1: Annual Estimates of the Population for Counties of Hawaii: April 1, 2000 to July 1, 2007" (CO-EST2007-01-15) (March 20, 2008)

<<http://www.census.gov/popest/counties/tables/CO-EST2007-01-15.xls>> accessed March 20, 2008; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 1.08 -- COUNTY POPULATION AS A SHARE OF THE STATE
TOTAL: 1990 TO 2007**

[Based on place of usual residence, regardless of physical location on the estimate or census date. Includes military personnel stationed or homeported in Hawaii and residents temporarily absent; excludes visitors present]

| Date | City and County of Honolulu | Hawaii County | Kauai County | Maui County 1/ |
|-----------------|-----------------------------|---------------|--------------|----------------|
| 1990: April 1 | 75.5 | 10.9 | 4.6 | 9.1 |
| July 1 2/ | 75.3 | 10.9 | 4.6 | 9.1 |
| 1991: July 1 2/ | 74.8 | 11.2 | 4.7 | 9.3 |
| 1992: July 1 2/ | 74.6 | 11.4 | 4.7 | 9.4 |
| 1993: July 1 2/ | 74.2 | 11.5 | 4.7 | 9.5 |
| 1994: July 1 2/ | 74.0 | 11.6 | 4.8 | 9.7 |
| 1995: July 1 2/ | 73.6 | 11.7 | 4.8 | 9.9 |
| 1996: July 1 2/ | 73.4 | 11.8 | 4.8 | 10.0 |
| 1997: July 1 2/ | 73.2 | 11.9 | 4.8 | 10.1 |
| 1998: July 1 2/ | 73.0 | 12.0 | 4.8 | 10.3 |
| 1999: July 1 2/ | 72.6 | 12.1 | 4.8 | 10.4 |
| 2000: April 1 | 72.3 | 12.3 | 4.8 | 10.6 |
| July 1 | 72.2 | 12.3 | 4.8 | 10.6 |
| 2001: July 1 | 72.0 | 12.4 | 4.8 | 10.8 |
| 2002: July 1 | 71.9 | 12.5 | 4.8 | 10.8 |
| 2003: July 1 | 71.7 | 12.6 | 4.8 | 10.9 |
| 2004: July 1 | 71.4 | 12.8 | 4.9 | 10.9 |
| 2005: July 1 | 71.2 | 13.0 | 4.9 | 11.0 |
| 2006: July 1 | 70.9 | 13.2 | 4.8 | 11.0 |
| 2007: July 1 | 70.6 | 13.5 | 4.9 | 11.1 |

1/ Maui County includes Kalawao County.

2/ Population estimates for 1990 through 1999 were revised based upon the April 1, 2000 figures.

The revisions were released April 19, 2002. Population estimates after April 1, 2000 are based on revisions released in March 2008 and may differ somewhat from earlier figures cited in other tables.

Source: U.S. Bureau of the Census, Federal-State Cooperative Program for Population Estimates, "Time Series of Hawaii Intercensal Population Estimates by County: April 1, 1990 to April 1, 2000" (CO-EST2001-12-15)

<<http://eire.census.gov/popest/data/counties/tables/CO-EST2001-12/CO-EST2001-12-15.php>> accessed April 19, 2002; "Table 1: Annual Estimates of the Population for Counties of Hawaii: April 1, 2000 to July 1, 2007" (CO-EST2007-01-15) (March 20, 2008)

<<http://www.census.gov/popest/counties/tables/CO-EST2007-01-15.xls>> accessed March 20, 2008; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.09-- DE FACTO POPULATION, BY COUNTY: 1990 TO 2007

[Includes all persons physically present in an area, regardless of military status or usual place of residence. Includes visitors present but excludes residents temporarily absent, both calculated as an average daily census]

| Date | State total | City and County of Honolulu | Hawaii County | Kauai County | Maui County 1/ |
|---------------|--------------------|------------------------------------|----------------------|---------------------|-----------------------|
| 1990: April 1 | 1,230,731 | 896,260 | 133,202 | 66,699 | 134,569 |
| July 1 | 1,257,319 | 913,268 | 137,103 | 68,558 | 138,390 |
| 1991: July 1 | 1,252,265 | 901,717 | 141,240 | 69,605 | 139,703 |
| 1992: July 1 | 1,271,662 | 912,514 | 146,421 | 66,076 | 146,651 |
| 1993: July 1 | 1,267,849 | 909,506 | 148,014 | 61,262 | 149,067 |
| 1994: July 1 | 1,289,804 | 919,898 | 150,311 | 67,161 | 152,434 |
| 1995: July 1 | 1,298,096 | 921,626 | 152,482 | 68,844 | 155,144 |
| 1996: July 1 | 1,303,915 | 921,609 | 154,364 | 70,474 | 157,468 |
| 1997: July 1 | 1,327,930 | 932,931 | 161,225 | 71,763 | 162,011 |
| 1998: July 1 | 1,334,125 | 931,439 | 165,205 | 73,920 | 163,562 |
| 1999: July 1 | 1,332,442 | 927,689 | 164,570 | 74,441 | 165,743 |
| 2000: April 1 | 1,337,991 | 927,174 | 167,073 | 75,200 | 168,544 |
| July 1 | 1,334,072 | 924,696 | 166,256 | 74,675 | 168,445 |
| 2001: July 1 | 1,330,234 | 921,454 | 167,301 | 73,599 | 167,880 |
| 2002: July 1 | 1,342,201 | 926,954 | 170,370 | 74,353 | 170,524 |
| 2003: July 1 | 1,347,926 | 926,671 | 172,561 | 75,358 | 173,336 |
| 2004: July 1 | 1,368,172 | 937,160 | 177,384 | 77,078 | 176,550 |
| 2005: July 1 | 1,387,352 | 943,193 | 185,145 | 78,371 | 180,643 |
| 2006: July 1 | 1,399,420 | 947,161 | 189,891 | 79,408 | 182,960 |
| 2007: July 1 | 1,406,133 | 948,147 | 192,292 | 81,692 | 184,002 |

NA Not available.

1/ Maui County including Kalawao County. The 2007 de facto population of Kalawao County, which is the Kalaupapa Settlement on Molokai, was 119.

Source: U.S. Census Bureau, Federal-State Cooperative Program for Population Estimates "Table 1: Annual Estimates of the Population for Counties of Hawaii: April 1, 2000 to July 1, 2007" (CO-EST2007-01-15) (March 20, 2008) <<http://www.census.gov/popest/counties/tables/CO-EST2007-01-15.xls>> accessed March 20, 2008; Hawaii State Department of Business, Economic Development & Tourism, Tourism Research Branch, records; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.10-- RESIDENT AND DE FACTO POPULATION, BY COUNTY AND ISLAND: 1990 AND 2000

| County and island | Resident population 1/ | | | De facto population 2/ | | |
|-------------------|------------------------|---------------|----------------|------------------------|---------------|----------------|
| | April 1, 1990 | April 1, 2000 | Percent change | April 1, 1990 | April 1, 2000 | Percent change |
| State total | 1,108,229 | 1,211,537 | 9.3 | 1,248,360 | 1,337,991 | 7.2 |
| County: | | | | | | |
| Hawaii | 120,317 | 148,677 | 23.6 | 135,080 | 167,073 | 23.7 |
| Maui 3/ | 100,504 | 128,241 | 27.6 | 137,298 | 168,544 | 22.8 |
| Honolulu | 836,231 | 876,156 | 4.8 | 908,019 | 927,173 | 2.1 |
| Kauai | 51,177 | 58,463 | 14.2 | 67,963 | 75,200 | 10.6 |
| Island: | | | | | | |
| Hawaii | 120,317 | 148,677 | 23.6 | 135,080 | 167,073 | 23.7 |
| Maui | 91,361 | 117,644 | 28.8 | 126,992 | 156,170 | 23.0 |
| Kahoolawe | - | - | (X) | - | - | (X) |
| Lanai | 2,426 | 3,193 | 31.6 | 2,629 | 4,243 | 61.4 |
| Molokai | 6,717 | 7,404 | 10.2 | 7,677 | 8,131 | 5.9 |
| Oahu 4/ | 836,231 | 876,156 | 4.8 | 908,019 | 927,173 | 2.1 |
| Kauai | 50,947 | 58,303 | 14.4 | 67,737 | 75,040 | 10.8 |
| Niihau | 230 | 160 | -30.4 | 226 | 160 | -29.2 |

X Not applicable.

1/ The resident population is defined as the number of persons whose usual place of residence is in an area, regardless of physical location on the estimate or census date. It includes military personnel stationed or homeported in the area and residents temporarily absent, but excludes visitors present.

2/ The de facto population is defined as the number of persons physically present in an area, regardless of military status or usual place of residence. It includes visitors present but excludes residents temporarily absent, both calculated as an average daily census.

3/ Maui County includes Kalawao County.

4/ Includes the Northwestern Hawaiian Islands, from Nihoa to Kure Atoll, except Midway (24 people in 1990 who were not counted in the official census and 5 in 2000 who were counted in the official census).

Source: U.S. Bureau of the Census, 1990 Public Law 94-171 counts; U.S. Census Bureau, Census 2000 Redistricting Data (P.L. 94-171) Summary File (March 19, 2001); Hawaii State Department of Business, Economic Development & Tourism, Tourism Research Branch, records.

**Table 1.11-- LAND AREA AND POPULATION DENSITY, BY COUNTY
AND ISLAND: 2000**

| County and island | Land area | | Resident population density 1/ | | De facto population density 2/ | |
|----------------------------------|------------|--------------|--------------------------------|-----------------|--------------------------------|-----------------|
| | Square km. | Square miles | Per square km. | Per square mile | Per square km. | Per square mile |
| State total | 16,634.52 | 6,422.62 | 72.8 | 188.6 | 80.4 | 208.3 |
| County: | | | | | | |
| Hawaii | 10,432.52 | 4,028.02 | 14.3 | 36.9 | 16.0 | 41.5 |
| Maui 3/ | 3,036.51 | 1,172.41 | 42.2 | 109.4 | 55.5 | 143.8 |
| Honolulu | 1,553.39 | 599.77 | 564.0 | 1,460.8 | 596.9 | 1,545.9 |
| Kauai | 1,612.11 | 622.44 | 36.3 | 93.9 | 46.6 | 120.8 |
| Island: | | | | | | |
| Hawaii | 10,432.52 | 4,028.02 | 14.3 | 36.9 | 16.0 | 41.5 |
| Maui | 1,883.50 | 727.22 | 62.5 | 161.8 | 82.9 | 214.7 |
| Molokini | 0.09 | 0.04 | - | - | - | - |
| Kahoolawe | 115.50 | 44.60 | - | - | - | - |
| Lanai | 363.97 | 140.53 | 8.8 | 22.7 | 11.7 | 30.2 |
| Molokai | 673.44 | 260.02 | 11.0 | 28.5 | 12.1 | 31.3 |
| Oahu | 1,545.34 | 596.66 | 567.0 | 1,468.4 | 600.0 | 1,553.9 |
| Kauai | 1,430.43 | 552.29 | 40.8 | 105.6 | 52.5 | 135.9 |
| Niihau | 179.89 | 69.46 | 0.9 | 2.3 | 0.9 | 2.3 |
| Lehua | 1.15 | 0.44 | - | - | - | - |
| Kaula | 0.64 | 0.25 | - | - | - | - |
| Northwestern Hawaiian Islands 4/ | 8.05 | 3.11 | 0.6 | 1.6 | 0.6 | 1.6 |

1/ The resident population is defined as the number of persons whose usual place of residence is in an area, regardless of physical location on the estimate or census date. It includes military personnel stationed or homeported in the area and residents temporarily absent, but excludes visitors present.

2/ The de facto population is defined as the number of persons physically present in an area, regardless of military status or usual place of residence. It includes visitors present but excludes residents temporarily absent, both calculated as an average daily census.

3/ Maui County includes Kalawao County.

4/ Includes the Northwestern Hawaiian Islands, from Nihoa to Kure Atoll, except Midway.

Source: U.S. Census Bureau, records and Census 2000 Redistricting Data (P.L. 94-171) Summary File (March 19, 2001); calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 1.12-- RESIDENT POPULATION OF COUNTIES AND DISTRICTS:
1980, 1990, AND 2000**

| County and district (see maps) | April 1, 1980 | April 1, 1990 | April 1, 2000 | Percent change | |
|-----------------------------------|------------------|------------------|------------------|-----------------|-----------------|
| | | | | 1980 to 1990 | 1990 to 2000 |
| State total | 964,691 | 1,108,229 | 1,211,537 | 14.9 | 9.3 |
| Hawaii County | 92,053 | 120,317 | 148,677 | 30.7 | 23.6 |
| Puna | 11,751 | 20,781 | 31,335 | 76.8 | 50.8 |
| South Hilo | 42,278 | 44,639 | 47,386 | 5.6 | 6.2 |
| North Hilo | 1,679 | 1,541 | 1,720 | -8.2 | 11.6 |
| Hamakua | 5,128 | 5,545 | 6,108 | 8.1 | 10.2 |
| North Kohala | 3,249 | 4,291 | 6,038 | 32.1 | 40.7 |
| South Kohala | 4,607 | 9,140 | 13,131 | 98.4 | 43.7 |
| North Kona | 13,748 | 22,284 | 28,543 | 62.1 | 28.1 |
| South Kona | 5,914 | 7,658 | 8,589 | 29.5 | 12.2 |
| Ka'u | 3,699 | 4,438 | 5,827 | 20.0 | 31.3 |
| Maui County 1/ | 70,991 | 100,504 | 128,241 | 41.6 | 27.6 |
| Hana | 1,423 | 1,895 | 1,855 | 33.2 | -2.1 |
| Makawao | 19,005 | 29,207 | 36,476 | 53.7 | 24.9 |
| Wailuku | 32,111 | 45,685 | 61,346 | 42.3 | 34.3 |
| Lahaina | 10,284 | 14,574 | 17,967 | 41.7 | 23.3 |
| Lanai | 2,119 | 2,426 | 3,193 | 14.5 | 31.6 |
| Molokai | 5,905 | 6,587 | 7,257 | 11.5 | 10.2 |
| Kalawao | 144 | 130 | 147 | -9.7 | 13.1 |
| City & Co. of Honolulu | 762,565 | 836,231 | 876,156 | 9.7 | 4.8 |
| Honolulu | 365,048 | 377,059 | 372,279 | 3.3 | -1.3 |
| Koolaupoko | 109,373 | 117,694 | 117,994 | 7.6 | 0.3 |
| Koolauloa | 14,195 | 18,443 | 18,899 | 29.9 | 2.5 |
| Waialua | 9,849 | 11,549 | 14,027 | 17.3 | 21.5 |
| Wahiawa | 41,562 | 43,886 | 38,370 | 5.6 | -12.6 |
| Waianae | 31,487 | 37,411 | 42,259 | 18.8 | 13.0 |
| Ewa | 191,051 | 230,189 | 272,328 | 20.5 | 18.3 |
| Kauai County | 39,082 | 51,177 | 58,463 | 30.9 | 14.2 |
| Hanalei | 2,668 | 4,631 | 6,348 | 73.6 | 37.1 |
| Kawaihau | 10,497 | 15,627 | 18,525 | 48.9 | 18.5 |
| Lihue | 8,590 | 10,663 | 12,022 | 24.1 | 12.7 |
| Koloa | 8,734 | 11,368 | 12,845 | 30.2 | 13.0 |
| Waimea | 8,593 | 8,888 | 8,723 | 3.4 | -1.9 |

1/ Including Kalawao County.

Source: U.S. Bureau of the Census, *1990 Census of Population and Housing, Population and Housing Unit Counts, Hawaii*, 1990 CPH-2-13 (March 1993), table 8; U.S. Census Bureau, *Census 2000 Redistricting Data (P.L. 94-171) Summary File, County Subdivisions*.

**Table 1.13-- RESIDENT POPULATION OF ISLANDS AND CENSUS
DESIGNATED PLACES: 1990 AND 2000**

[This table presents data for the 131 "census designated places" defined by the Hawaii State Department of Business, Economic Development & Tourism, in cooperation with the U.S. Census Bureau, for the 2000 decennial census, under authority granted by Sec. 26-18, Hawaii Revised Statutes. Although described in the legislation as "cities, towns, and villages," none of these places is an independent municipality with separate government and taxing powers; the boundaries determined for these places are statistical rather than political]

| Island and 2000 place | 1990 | 2000 | Change | % change |
|------------------------------|-------------|-------------|---------------|-----------------|
| Hawaii | 120,317 | 148,677 | 28,360 | 23.6 |
| Ainaloa 1/ | (NA) | 1,910 | (X) | (X) |
| Captain Cook | 2,595 | 3,206 | 611 | 23.5 |
| Eden Roc 1/ | (NA) | 451 | (X) | (X) |
| Fern Acres 1/ | (NA) | 756 | (X) | (X) |
| Fern Forest 1/ | (NA) | 480 | (X) | (X) |
| Halaula | 496 | 495 | -1 | -0.2 |
| Hawaiian Acres 1/ | (NA) | 1,776 | (X) | (X) |
| Hawaiian Beaches 2/ | 2,846 | 3,709 | 863 | 30.3 |
| Hawaiian Ocean View | 969 | 2,178 | 1,209 | 124.8 |
| Hawaiian Paradise Park 2/ | 3,389 | 7,051 | 3,662 | 108.1 |
| Hawi | 924 | 938 | 14 | 1.5 |
| Hilo | 37,808 | 40,759 | 2,951 | 7.8 |
| Holualoa 2/ | 3,834 | 6,107 | 2,273 | 59.3 |
| Honalo | 1,926 | 1,987 | 61 | 3.2 |
| Honaunau-Napoopoo | 2,373 | 2,414 | 41 | 1.7 |
| Honokaa | 2,186 | 2,233 | 47 | 2.2 |
| Honomu | 532 | 541 | 9 | 1.7 |
| Kahaluu-Keauhou | 1,990 | 2,414 | 424 | 21.3 |
| Kailua 2/ | 9,126 | 9,870 | 744 | 8.2 |
| Kalaoa 2/ | 4,490 | 6,794 | 2,304 | 51.3 |
| Kapaau | 1,083 | 1,159 | 76 | 7.0 |
| Keaau | 1,584 | 2,010 | 426 | 26.9 |
| Kealahou | 1,453 | 1,645 | 192 | 13.2 |
| Kukuihaele | 316 | 317 | 1 | 0.3 |
| Kurtistown 2/ | 910 | 1,157 | 247 | 27.1 |
| Laupahoehoe | 508 | 473 | -35 | -6.9 |
| Leilani Estates 1/ | (NA) | 1,046 | (X) | (X) |
| Mountain View 2/ | 3,075 | 2,799 | -276 | -9.0 |
| Naalehu | 1,027 | 919 | -108 | -10.5 |
| Nanawale Estates 1/ | (NA) | 1,073 | (X) | (X) |
| Orchidlands Estates 1/ | (NA) | 1,731 | (X) | (X) |
| Paaui | 620 | 571 | -49 | -7.9 |
| Pahala | 1,520 | 1,378 | -142 | -9.3 |

Continued on next page.

**Table 1.13-- RESIDENT POPULATION OF ISLANDS AND CENSUS
DESIGNATED PLACES: 1990 AND 2000 -- Con.**

| Island and 2000 place | 1990 | 2000 | Change | % change |
|-----------------------|--------|---------|--------|----------|
| Hawaii (con.): | | | | |
| Pahoa | 1,027 | 962 | -65 | -6.3 |
| Papaikou | 1,634 | 1,414 | -220 | -13.5 |
| Paukaa | 495 | 495 | - | 0.0 |
| Pepeekeo | 1,813 | 1,697 | -116 | -6.4 |
| Puako | 397 | 429 | 32 | 8.1 |
| Volcano | 1,516 | 2,231 | 715 | 47.2 |
| Waikoloa Village | 2,248 | 4,806 | 2,558 | 113.8 |
| Waimea | 5,972 | 7,028 | 1,056 | 17.7 |
| Wainaku | 1,243 | 1,227 | -16 | -1.3 |
| Maui | 91,361 | 117,644 | 26,283 | 28.8 |
| Haiku-Pauwela | 4,509 | 6,578 | 2,069 | 45.9 |
| Haliimaile | 841 | 895 | 54 | 6.4 |
| Hana | 683 | 709 | 26 | 3.8 |
| Kaanapali | 579 | 1,375 | 796 | 137.5 |
| Kahului | 16,889 | 20,146 | 3,257 | 19.3 |
| Kapalua | 408 | 467 | 59 | 14.5 |
| Kihei | 11,107 | 16,749 | 5,642 | 50.8 |
| Lahaina | 9,073 | 9,118 | 45 | 0.5 |
| Maalaea | 443 | 454 | 11 | 2.5 |
| Makawao | 5,405 | 6,327 | 922 | 17.1 |
| Napili-Honokowai | 4,332 | 6,788 | 2,456 | 56.7 |
| Paia | 2,091 | 2,499 | 408 | 19.5 |
| Pukalani | 5,879 | 7,380 | 1,501 | 25.5 |
| Waihee-Waiehu | 4,004 | 7,310 | 3,306 | 82.6 |
| Waikapu | 729 | 1,115 | 386 | 52.9 |
| Wailea-Makena | 3,799 | 5,671 | 1,872 | 49.3 |
| Wailuku | 10,688 | 12,296 | 1,608 | 15.0 |
| Kahoolawe | - | - | (X) | (X) |
| Lanai | 2,426 | 3,193 | 767 | 31.6 |
| Lanai City | 2,400 | 3,164 | 764 | 31.8 |
| Molokai | 6,717 | 7,404 | 687 | 10.2 |
| Kaunakakai | 2,658 | 2,726 | 68 | 2.6 |
| Kualapuu | 1,661 | 1,936 | 275 | 16.6 |
| Maunaloa | 405 | 230 | -175 | -43.2 |

Continued on next page.

**Table 1.13-- RESIDENT POPULATION OF ISLANDS AND CENSUS
DESIGNATED PLACES: 1990 AND 2000 -- Con.**

| Island and 2000 place | 1990 | 2000 | Change | % change |
|-----------------------|---------|---------|--------|----------|
| Oahu: 3/ | 836,231 | 876,156 | 39,925 | 4.8 |
| Ahuimanu | 8,387 | 8,506 | 119 | 1.4 |
| Aiea | 8,906 | 9,019 | 113 | 1.3 |
| Barbers Point Housing | 2,218 | 67 | -2,151 | -97.0 |
| Ewa Beach | 14,315 | 14,650 | 335 | 2.3 |
| Ewa Gentry | 1,992 | 4,939 | 2,947 | 147.9 |
| Ewa Villages | 3,780 | 4,741 | 961 | 25.4 |
| Halawa 2/ | 13,408 | 13,891 | 483 | 3.6 |
| Haleiwa | 2,442 | 2,225 | -217 | -8.9 |
| Hauula 2/ | 3,479 | 3,651 | 172 | 4.9 |
| Heeia | 5,010 | 4,944 | -66 | -1.3 |
| Hickam Housing | 6,553 | 5,471 | -1,082 | -16.5 |
| Honolulu 4/ | 377,059 | 371,657 | -5,402 | -1.4 |
| Iroquois Point | 4,188 | 2,462 | -1,726 | -41.2 |
| Kaaawa | 1,138 | 1,324 | 186 | 16.3 |
| Kahaluu | 3,068 | 2,935 | -133 | -4.3 |
| Kahuku | 2,063 | 2,097 | 34 | 1.6 |
| Kailua | 36,818 | 36,513 | -305 | -0.8 |
| Kaneohe | 35,448 | 34,970 | -478 | -1.3 |
| Kaneohe Station | 11,662 | 11,827 | 165 | 1.4 |
| Kawela Bay | 366 | 410 | 44 | 12.0 |
| Laie | 5,577 | 4,585 | -992 | -17.8 |
| Maili | 6,059 | 5,943 | -116 | -1.9 |
| Makaha | 7,990 | 7,753 | -237 | -3.0 |
| Makaha Valley | 1,012 | 1,289 | 277 | 27.4 |
| Makakilo City | 9,828 | 13,156 | 3,328 | 33.9 |
| Maunawili | 4,847 | 4,869 | 22 | 0.5 |
| Mililani Town | 29,359 | 28,608 | -751 | -2.6 |
| Mokuleia | 1,776 | 1,839 | 63 | 3.5 |
| Nanakuli | 9,575 | 10,814 | 1,239 | 12.9 |
| Pearl City | 30,993 | 30,976 | -17 | -0.1 |
| Punaluu | 672 | 881 | 209 | 31.1 |
| Pupukea | 4,111 | 4,250 | 139 | 3.4 |
| Schofield Barracks | 19,597 | 14,428 | -5,169 | -26.4 |
| Village Park | 7,407 | 9,625 | 2,218 | 29.9 |
| Wahiawa | 17,386 | 16,151 | -1,235 | -7.1 |
| Waialua | 3,943 | 3,761 | -182 | -4.6 |
| Waianae | 8,758 | 10,506 | 1,748 | 20.0 |
| Waikane | 717 | 726 | 9 | 1.3 |
| Waimalu | 29,967 | 29,371 | -596 | -2.0 |
| Waimanalo | 3,508 | 3,664 | 156 | 4.4 |
| Waimanalo Beach | 4,185 | 4,271 | 86 | 2.1 |
| Waipahu | 31,435 | 33,108 | 1,673 | 5.3 |

Continued on next page.

**Table 1.13-- RESIDENT POPULATION OF ISLANDS AND CENSUS
DESIGNATED PLACES: 1990 AND 2000 -- Con.**

| Island and 2000 place | 1990 | 2000 | Change | % change |
|------------------------------|-------------|-------------|---------------|-----------------|
| Oahu (con.): | | | | |
| Waipio | 11,812 | 11,672 | -140 | -1.2 |
| Waipio Acres | 5,304 | 5,298 | -6 | -0.1 |
| Wheeler AFB | 2,600 | 2,829 | 229 | 8.8 |
| Whitmore Village | 3,373 | 4,057 | 684 | 20.3 |
| Kauai | 50,947 | 58,303 | 7,356 | 14.4 |
| Anahola | 1,181 | 1,932 | 751 | 63.6 |
| Eleele | 1,489 | 2,040 | 551 | 37.0 |
| Hanalei | 461 | 478 | 17 | 3.7 |
| Hanamaulu | 3,611 | 3,272 | -339 | -9.4 |
| Hanapepe | 1,395 | 2,153 | 758 | 54.3 |
| Kalaheo 2/ | 3,592 | 3,913 | 321 | 8.9 |
| Kalihikai | 435 | 717 | 282 | 64.8 |
| Kapaa 2/ | 8,149 | 9,472 | 1,323 | 16.2 |
| Kaunakakai | 803 | 607 | -196 | -24.4 |
| Kekaha | 3,506 | 3,175 | -331 | -9.4 |
| Kilauea | 1,685 | 2,092 | 407 | 24.2 |
| Koloa | 1,791 | 1,942 | 151 | 8.4 |
| Lawai | 1,787 | 1,984 | 197 | 11.0 |
| Lihue | 5,536 | 5,674 | 138 | 2.5 |
| Omao | 1,142 | 1,221 | 79 | 6.9 |
| Pakala Village | 565 | 478 | -87 | -15.4 |
| Poipu | 975 | 1,075 | 100 | 10.3 |
| Princeville | 1,244 | 1,698 | 454 | 36.5 |
| Puhi | 1,210 | 1,186 | -24 | -2.0 |
| Wailua | 2,018 | 2,083 | 65 | 3.2 |
| Wailua Homesteads | 3,870 | 4,567 | 697 | 18.0 |
| Waimea | 1,840 | 1,787 | -53 | -2.9 |
| Niihau, Lehua and Kaula | 230 | 160 | -70 | -30.4 |

NA Not available.

X Not applicable.

1/ New census designated place for the 2000 Census.

2/ Geographic boundaries modified between the 1990 and the 2000 censuses.

3/ Includes the Northwestern Hawaiian Islands, except Midway. This is the area legally described as the City and County of Honolulu.

4/ Modified between the 1990 and 2000 censuses. Honolulu CDP is coterminous with Honolulu Census County Division and also Honolulu District. It extends from Red Hill to Makapuu Point, south and west of the crest of the Koolau Mts. Like all other CDPs on Oahu, it is part of a single municipality, the City and County of Honolulu. The 1990 population count has been corrected from earlier published figures.

Source: U.S. Bureau of the Census, Summary Tape File (STF) 1A; U.S. Census Bureau, Census 2000 Redistricting Data (P.L. 94-171) Summary File (March 19, 2001); compilation and calculations by the Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center.

**Table 1.14-- POPULATION AND PERCENTAGE CHANGE
RANKINGS: 2000 AND 2007**

[Based on population as of July 1 unless otherwise specified]

| Comparison 1/ | Resident population, 2007 | Ranking | | |
|----------------------------------|------------------------------|---------------|-----------|--|
| | | Population 2/ | | Percent change, 2000- 2007 3/ |
| | | 2000 | 2007 | |
| State of Hawaii: | | | | |
| Among the 50 States and D.C. | 1,283,388 | 42 | 42 | 23 |
| Among the 50 States | 1,283,388 | 42 | 42 | 23 |
| Honolulu MSA: 4/ | | | | |
| Among all MSAs 5/ | 905,601 | 54 | 52 | 248 |
| City and County of Honolulu: 6/ | | | | |
| Among all counties | 905,601 | 48 | 50 | 1,189 |
| Among incorporated places 7/ | 905,601 | 12 | 12 | 8/ 139 |
| Honolulu CDP: 9/ | | | | |
| Among incorporated places 7/ | 375,571 | 47 | 49 | 178 |
| Hawaii County 10/ | 173,057 | 363 | 347 | 273 |
| Kalawao County 10/ | 119 | 3,140 | 11/ 3,140 | 3,121 |
| Kauai County 10/ | 62,828 | 818 | 810 | 720 |
| Maui County 10/ | 141,783 | 422 | 424 | 471 |
| Hilo Micropolitan 12/ | 173,057 | 3 | 6 | 35 |
| Kahului-Wailuku Micropolitan 12/ | 141,783 | 14 | 16 | 61 |
| Kapaa Micropolitan 12/ | 62,828 | 153 | 167 | 107 |

Continued on next page.

**Table 1.14-- POPULATION AND PERCENTAGE CHANGE
RANKINGS: 2000 AND 2007 -- Con.**

1/ MSA, Metropolitan Statistical Area; CDP, Census Designated Place, that is, an unincorporated urban place.

2/ Largest number ranking 1. Rankings for 2000 are based on population from the April 1, 2000 Population Estimates base which reflects changes to the Census 2000 population from the Count Question Resolution program and geographic program revisions.

3/ Ranking of the area in regard to 2000-2007 population percent change, greatest percent change ranking 1. Figures for 2000 are from the April 1, 2000 Population Estimates base which reflects changes to the Census 2000 population from the Count Question Resolution program and geographic program revisions.

4/ The Honolulu MSA consists of the City and County of Honolulu, comprising Oahu and the Northwestern Hawaiian Islands (except Midway).

5/ Metropolitan Statistical Areas (MSAs) contain at least one Census Bureau-defined urbanized area of 50,000 or more people. Among all 361 U.S. metropolitan statistical areas.

6/ The City and County of Honolulu consists of Oahu and the Northwestern Hawaiian Islands (except Midway). There are 3,141 U.S. counties in 2000 (based on the April 1, 2000 Population Estimates base) and 2006. There are 262 incorporated places with a population of over 100,000 in 2007.

7/ Among all 262 incorporated places with over 100,000 population in 2007.

8/ Tied with 2 other states.

9/ The Honolulu CDP consists of Honolulu District, comprising the area between Red Hill and Makapuu Point, south and southwest of the crest of the Koolau Mountains, and the Northwestern Hawaiian Islands (except Midway). Honolulu and Arlington are the only CDPs for which postcensal population estimates are calculated by the U.S. Census Bureau.

10/ Among all 3,141 U.S. counties. The percent change ranking of C & C Honolulu tied with 22 other states; Hawaii County tied with 3 other states; Kalawao County tied with 2 other states; Kauai County tied with 10 other states and Maui County tied with 5 other states.

11/ Kalawao County has the second lowest county population in the United States. The county with the lowest population is Loving, Texas with a population of 55.

12/ Micropolitan statistical areas contain at least one urban cluster of 10,000 to 49,999 people. Hilo Micropolitan consists of Hawaii County; Kahului-Wailuku Micropolitan consists of Maui County (excluding Kalawao County); and Kapaa Micropolitan consists of Kauai County. Among all 576 U.S. micropolitan statistical areas.

Source: U.S. Census Bureau, Population Division <<http://www.census.gov/popest/estimates.php>> accessed July 10, 2008.

2000 NEIGHBORHOOD AREAS

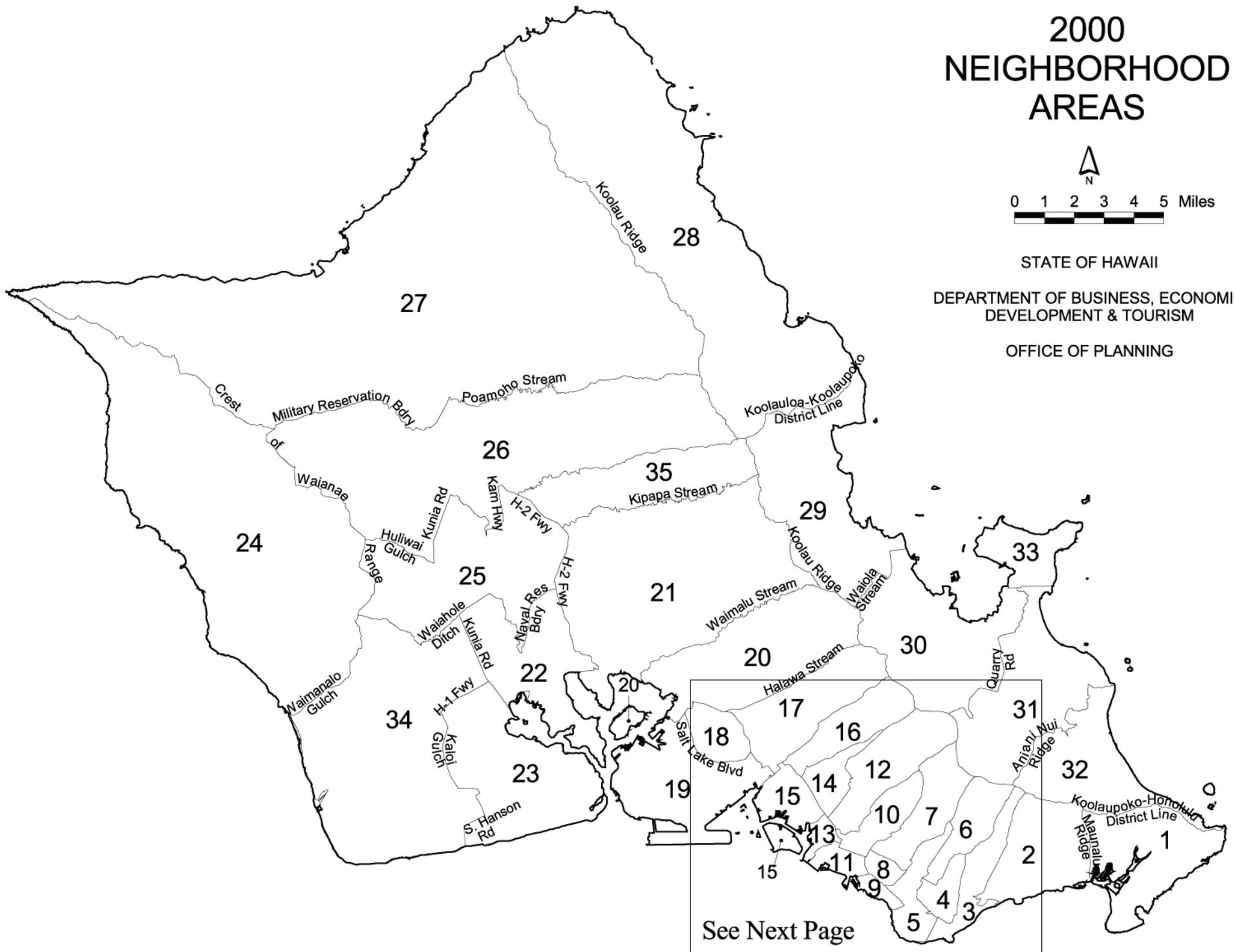


0 1 2 3 4 5 Miles

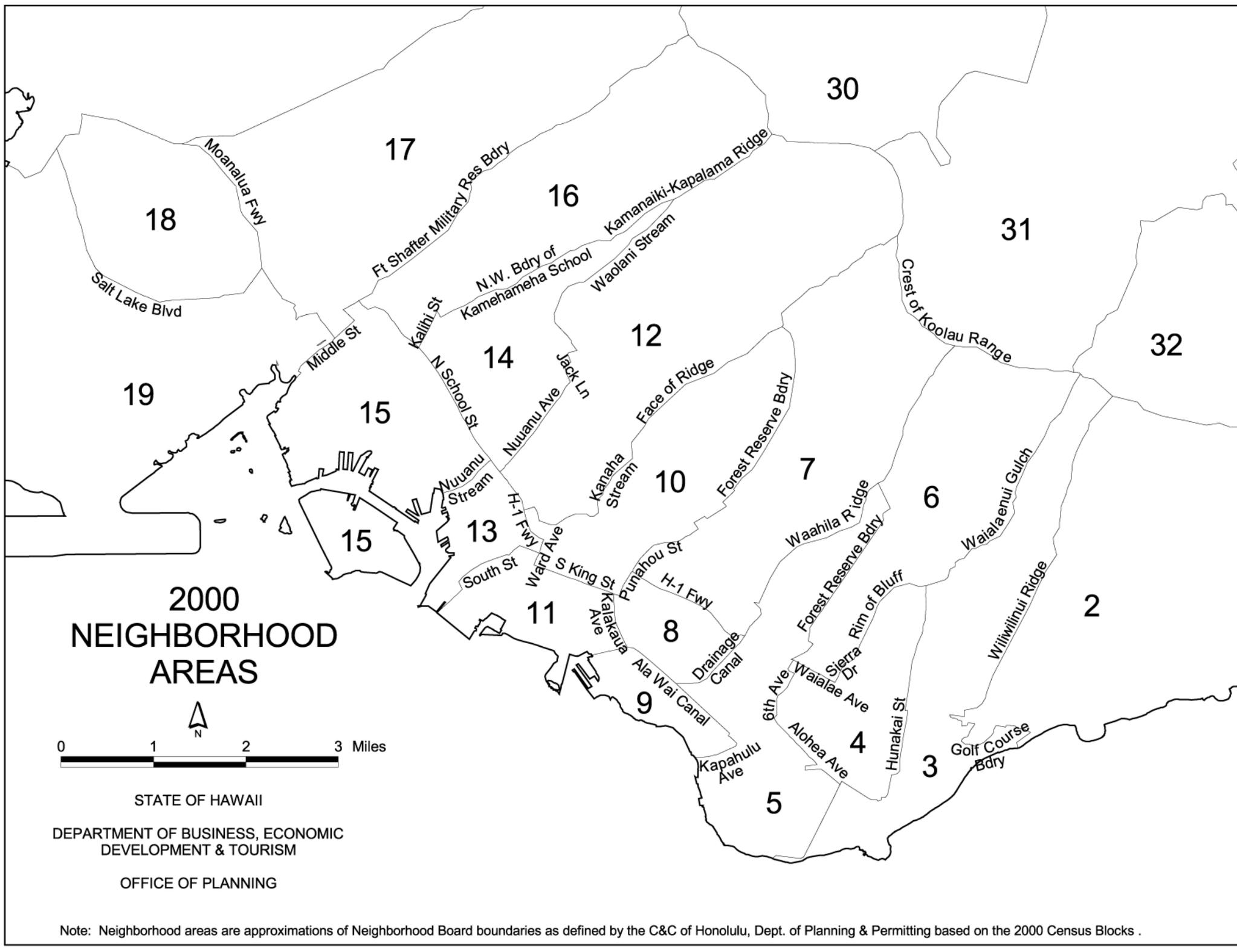
STATE OF HAWAII

DEPARTMENT OF BUSINESS, ECONOMIC
DEVELOPMENT & TOURISM

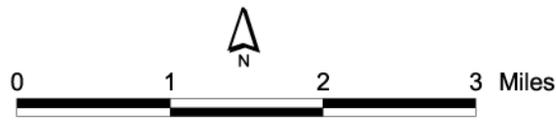
OFFICE OF PLANNING



Note: Neighborhood areas are approximations of Neighborhood Board boundaries as defined by the C&C of Honolulu, Dept. of Planning & Permitting based on the 2000 Census Blocks .



**2000
NEIGHBORHOOD
AREAS**



STATE OF HAWAII

DEPARTMENT OF BUSINESS, ECONOMIC
DEVELOPMENT & TOURISM

OFFICE OF PLANNING

Note: Neighborhood areas are approximations of Neighborhood Board boundaries as defined by the C&C of Honolulu, Dept. of Planning & Permitting based on the 2000 Census Blocks .

**Table 1.15-- RESIDENT POPULATION FOR OAHU NEIGHBORHOODS:
2000 AND 2007**

| Neighborhood Area 1/ (see maps) | 2000 2/ | 2007 3/ | Percent change |
|---|---------|---------|-------------------|
| Oahu total | 876,156 | 928,819 | 6.0 |
| 1 Hawaii Kai | 27,657 | 31,225 | 12.9 |
| 2 Kuliouou-Kalani Iki | 16,105 | 16,673 | 3.5 |
| 3 Waialae-Kahala | 9,497 | 9,680 | 1.9 |
| 4 Kaimuki | 18,996 | 19,160 | 0.9 |
| 5 Diamond Head/Kapahulu/ St. Louis Heights | 18,138 | 18,236 | 0.5 |
| 6 Palolo | 12,331 | 12,556 | 1.8 |
| 7 Manoa | 21,625 | 21,775 | 0.7 |
| 8 McCully/Moilili | 26,122 | 26,850 | 2.8 |
| 9 Waikiki | 19,720 | 20,136 | 2.1 |
| 10 Makiki/Lower Punchbowl/ Tantalus | 29,713 | 30,938 | 4.1 |
| 11 Ala Moana/Kakaako | 14,186 | 18,385 | 29.6 |
| 12 Nuuanu/Punchbowl | 16,693 | 16,971 | 1.7 |
| 13 Downtown | 14,570 | 15,919 | 9.3 |
| 14 Liliha/Kapalama | 20,310 | 20,487 | 0.9 |
| 15 Kalihi-Palama | 37,987 | 39,648 | 4.4 |
| 16 Kalihi Valley | 17,937 | 18,041 | 0.6 |
| 17 Moanalua | 10,566 | 10,575 | 0.1 |
| 18 Aliamanu/Salt Lake/ Foster Village | 36,572 | 36,547 | -0.1 |
| 19 Airport Area | 21,246 | 21,288 | 0.2 |
| 20 Aiea | 29,320 | 29,411 | 0.3 |
| 21 Pearl City | 49,345 | 49,511 | 0.3 |
| 22 Waipahu | 59,284 | 62,252 | 5.0 |
| 23 Ewa | 43,794 | 56,105 | 28.1 |
| 24 Waianae Coast | 41,242 | 43,655 | 5.9 |
| 25 Mililani/Waipio/Melemanu | 36,805 | 39,040 | 6.1 |
| 26 Wahiawa | 38,929 | 39,925 | 2.6 |
| 27 North Shore | 18,380 | 18,639 | 1.4 |
| 28 Koolauloa | 14,546 | 14,800 | 1.7 |
| 29 Kahaluu | 14,391 | 14,640 | 1.7 |
| 30 Kaneohe | 34,829 | 35,128 | 0.9 |
| 31 Kailua | 45,718 | 45,611 | -0.2 |
| 32 Waimanalo | 11,234 | 11,748 | 4.6 |
| 33 Mokapu | 11,827 | 11,761 | -0.6 |
| 34 Makakilo/Kapolei/ Honokai Hale | 25,919 | 34,905 | 34.7 |
| 35 Mililani Mauka-Launani Valley | 10,622 | 16,598 | 56.3 |

Continued on next page.

**Table 1.15-- RESIDENT POPULATION FOR OAHU NEIGHBORHOODS:
2000 AND 2007 -- Con.**

1/ Data in this table pertain to neighborhood areas whose boundaries are very close but do not match exactly to the neighborhood board boundaries. Neighborhood Board numbers are displayed next to the Neighborhood Board names.

2/ Year 2000 census data aggregated by traffic zone data. This may differ from data aggregated by census blocks which are shown in Table 1.16.

3/ Estimated population based on traffic zone data.

Source: City and County of Honolulu Planning and Permitting Department, Planning Division, records.

**Table 1.16-- POPULATION CHARACTERISTICS OF OAHU
NEIGHBORHOODS: 2000**

| Neighborhood Area (see maps) 1/ | Resident popula- tion 2/ | Median age | House- holds | Average household size | Average family size |
|---|---|-----------------------|-------------------------|---------------------------------------|------------------------------------|
| Oahu total | 876,156 | 35.7 | 286,450 | 2.95 | 3.46 |
| 1 Hawaii Kai | 27,657 | 42.1 | 9,666 | 2.86 | 3.21 |
| 2 Kuliouou-Kalani Iki | 16,220 | 44.7 | 5,466 | 2.95 | 3.31 |
| 3 Waiialae-Kahala | 9,382 | 46.8 | 3,538 | 2.65 | 3.09 |
| 4 Kaimuki | 18,063 | 45.4 | 6,362 | 2.78 | 3.34 |
| 5 Diamond Head/Kapahulu/ St. Louis Heights | 19,541 | 42.7 | 7,858 | 2.44 | 3.18 |
| 6 Palolo | 12,474 | 41.6 | 4,141 | 2.99 | 3.54 |
| 7 Manoa | 21,184 | 39.3 | 7,051 | 2.59 | 3.13 |
| 8 McCully/Moiliili | 26,122 | 38.9 | 12,670 | 2.04 | 2.92 |
| 9 Waikiki | 19,720 | 42.2 | 11,397 | 1.72 | 2.59 |
| 10 Makiki/Lower Punchbowl/ Tantalus | 29,639 | 41.1 | 14,767 | 1.97 | 2.84 |
| 11 Ala Moana/Kakaako | 14,186 | 42.9 | 7,797 | 1.78 | 2.65 |
| 12 Nuuanu/Punchbowl | 17,000 | 43.3 | 6,411 | 2.61 | 3.31 |
| 13 Downtown | 14,570 | 40.9 | 6,817 | 1.87 | 2.78 |
| 14 Liliha/Kapalama | 19,905 | 44.4 | 6,495 | 2.93 | 3.58 |
| 15 Kalihi-Palama | 37,987 | 36.3 | 10,258 | 3.57 | 4.34 |
| 16 Kalihi Valley | 17,937 | 36.5 | 3,941 | 4.42 | 4.93 |
| 17 Moanalua | 10,566 | 36.1 | 3,219 | 3.08 | 3.36 |
| 18 Aliamanu/Salt Lake/ Foster Village | 36,572 | 33.4 | 11,732 | 3.09 | 3.67 |
| 19 Airport | 18,163 | 25.7 | 5,001 | 3.32 | 3.37 |
| 20 Aiea | 32,403 | 37.4 | 10,580 | 2.89 | 3.52 |
| 21 Pearl City | 46,777 | 37.9 | 14,010 | 3.14 | 3.53 |
| 22 Waipahu | 64,030 | 34.1 | 17,473 | 3.58 | 4.10 |
| 23 Ewa | 43,571 | 31.2 | 11,710 | 3.69 | 4.13 |
| 24 Waianae Coast | 42,266 | 28.5 | 10,536 | 3.97 | 4.47 |
| 25 Mililani/Waipio/Melemanu | 33,981 | 35.5 | 10,861 | 3.13 | 3.49 |
| 26 Wahiawa | 39,553 | 26.2 | 10,603 | 3.30 | 3.68 |
| 27 North Shore | 18,380 | 31.3 | 5,893 | 3.05 | 3.60 |
| 28 Koolauloa | 14,546 | 27.6 | 3,682 | 3.75 | 4.40 |
| 29 Kahaluu | 14,391 | 36.3 | 4,384 | 3.28 | 3.67 |
| 30 Kaneohe | 40,790 | 38.5 | 12,800 | 3.14 | 3.57 |
| 31 Kailua | 40,830 | 39.3 | 13,484 | 3.00 | 3.46 |
| 32 Waimanalo | 10,161 | 32.4 | 2,442 | 4.07 | 4.53 |
| 33 Mokapu | 11,827 | 22.0 | 2,332 | 3.21 | 3.25 |
| 34 Makakilo/Kapolei/ Honokai Hale | 25,140 | 31.2 | 7,221 | 3.47 | 3.81 |
| 35 Mililani Mauka-Launani Valley | 10,622 | 32.8 | 3,852 | 2.76 | 3.23 |

Continued on next page.

**Table 1.16-- POPULATION CHARACTERISTICS OF OAHU
NEIGHBORHOODS: 2000 -- Con.**

1/ Data in this table pertain to neighborhood areas whose boundaries are very close but do not match exactly to the neighborhood board boundaries. Neighborhood area boundaries for 2000 may not be the same as boundaries for 1990.

2/ Year 2000 census data aggregated by census blocks. This may differ from data aggregated by traffic zones which are shown in Table 1.15.

Source: City and County of Honolulu Planning and Permitting Department, Planning Division, Community Profiles for Neighborhood Areas

<<http://honoluludpp.org/planning/demographics2/2000/NA/general.pdf>> accessed July 3, 2007.

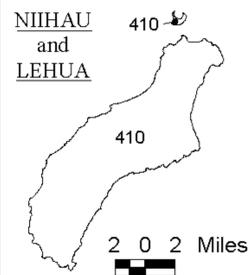
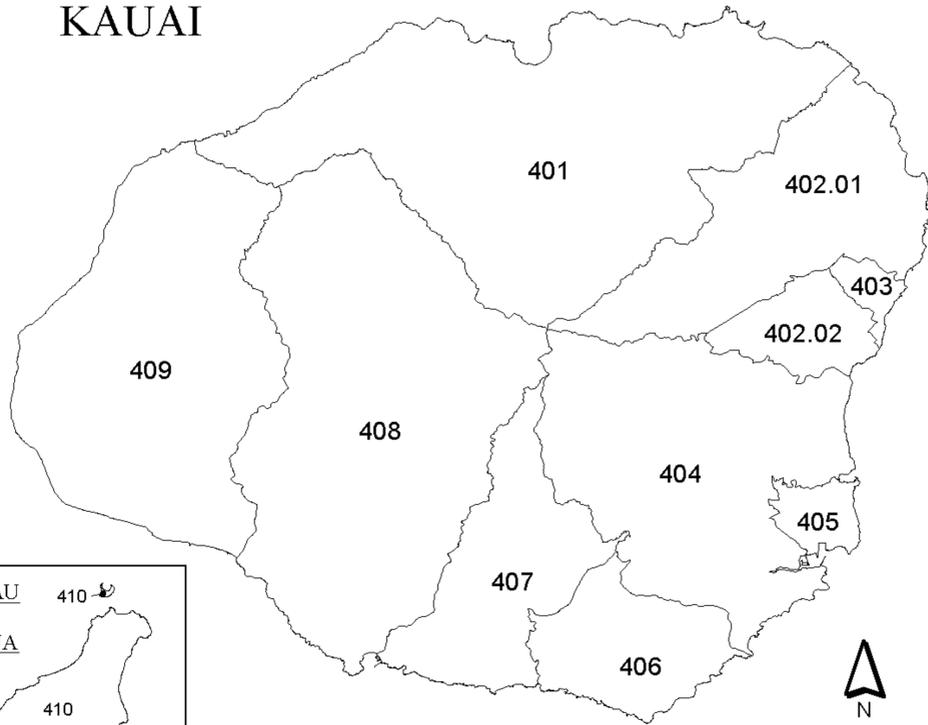
2000 CENSUS TRACTS ISLAND OF OAHU



WAHAHA - SCHOFIELD BARRACKS INSET

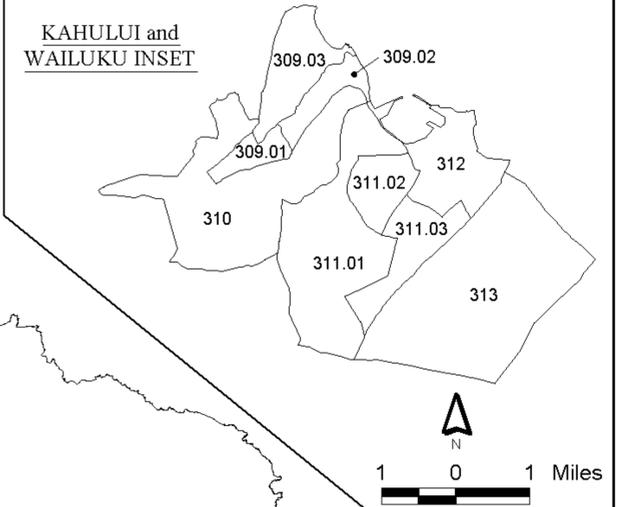
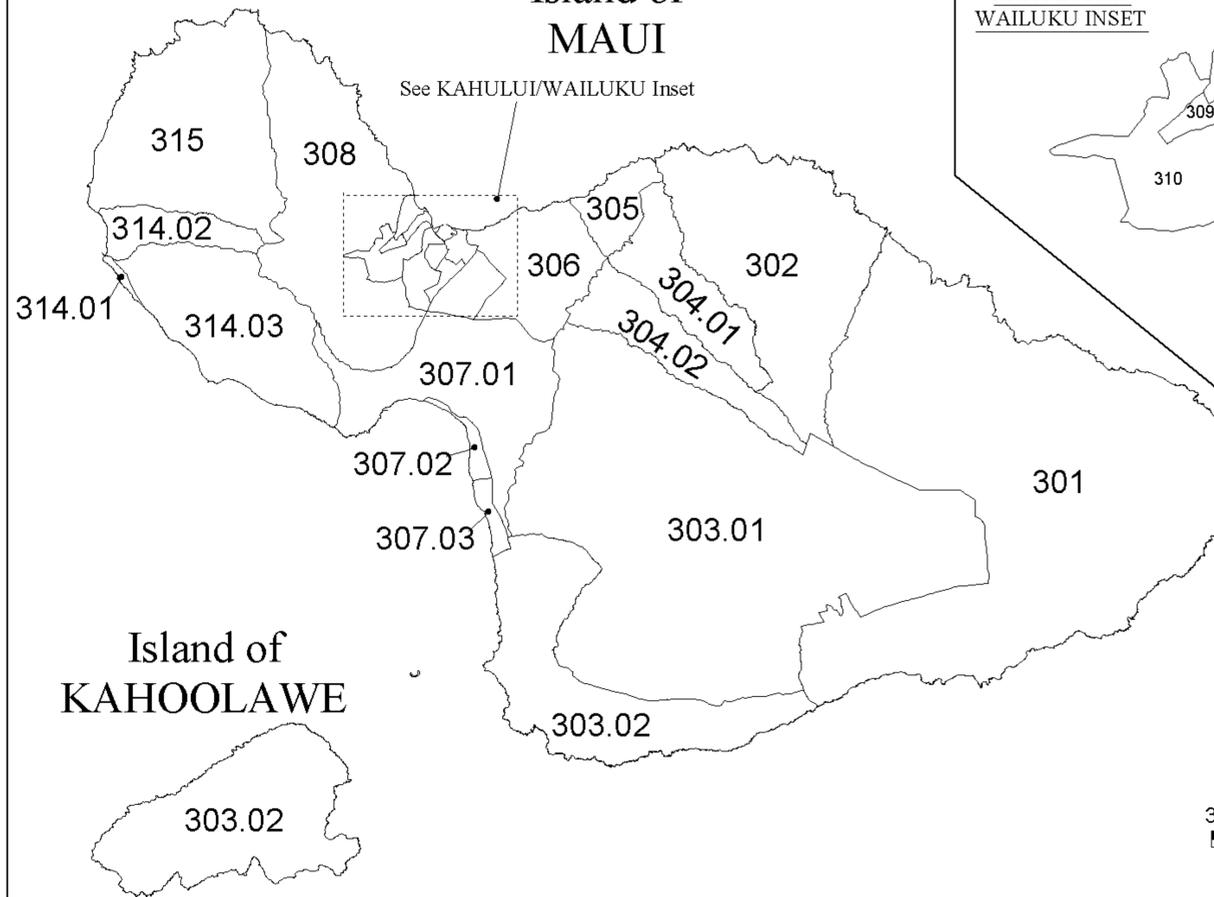
SEE
HONOLULU & VICINITY MAP

**Island of
KAUAI**

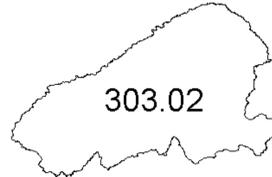


Note: Census Tract 411 includes the island of Kaula (not shown).

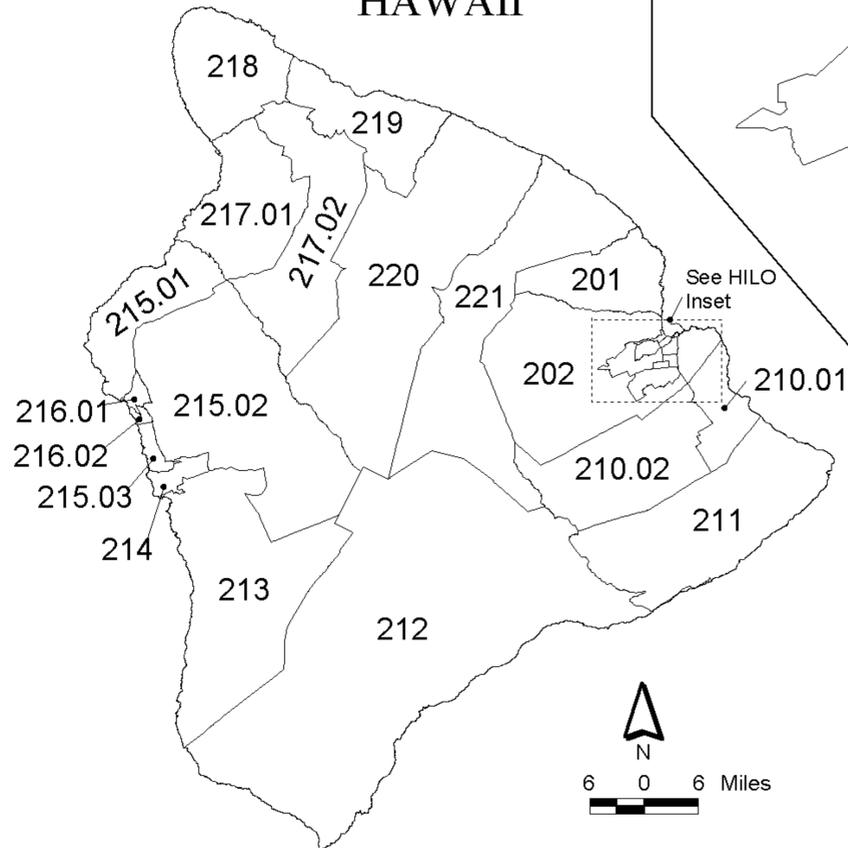
**Island of
MAUI**



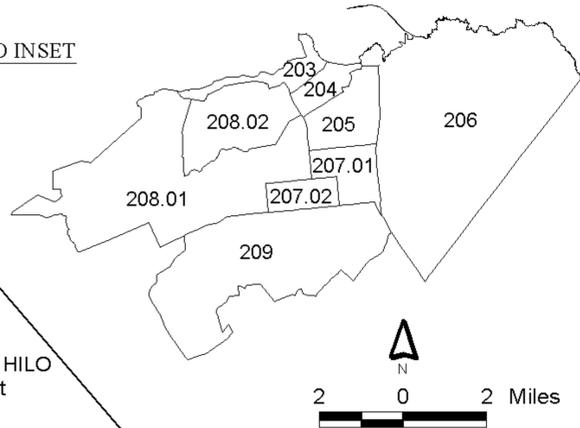
**Island of
KAHOOLAWE**



**Island of
HAWAII**

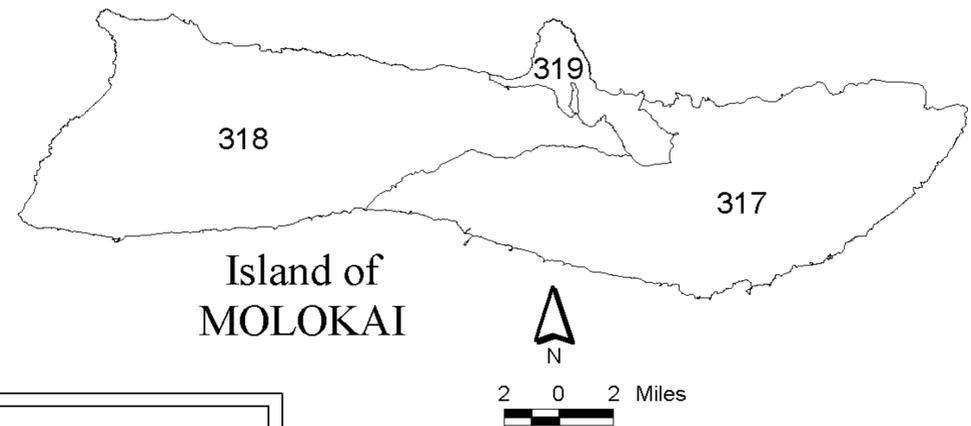


HILO INSET



See HILO Inset

**Island of
MOLOKAI**



**Island of
LANAI**



**2000
CENSUS TRACTS**

Prepared by
OFFICE OF PLANNING
DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM
STATE OF HAWAII

2001

Table 1.17-- RESIDENT POPULATION FOR THE CITY AND COUNTY OF HONOLULU, BY DISTRICT AND CENSUS TRACT: 1990 AND 2000

| County, district, and 1990 census tract | 2000 census tract (see maps) | 2000 Name | 1990 | 2000 |
|---|------------------------------|-----------------------------|-----------|------------|
| C & C OF HONOLULU | | | 836,231 | 876,156 |
| Honolulu | | | 377,059 | 1/ 372,279 |
| 1.02 | 1.02 | Portlock Road | 1,674 | 1,637 |
| | 1.04 2/ 1.09 3/ | Lunalilo Park Subdivision | | 2,171 |
| | | Kamiloiki-Kamehame | | |
| 1.04 | 1.10 3/ | Kalama Valley | 8,376 | 3,732 |
| | | 1.05 | Koko Head | |
| 1.05 | 1.06 | Hahaione | 6,292 | 6,752 |
| 1.06 | 1.07 | Kamilonui | 3,009 | 3,017 |
| 1.07 | 1.08 | Hawaii Kai Marina | 2,830 | 3,050 |
| 1.08 | 2 | Kuliouou | 5,742 | 5,714 |
| 2 | 3.01 3/ | Aina Haina-Hawaii Loa Ridge | | 3,181 |
| | | 3.02 3/ | Wailupe | |
| 3.98 | 4.01 3/ | Kalani | 2,771 | 2,681 |
| 4.97 | 4.02 3/ | Waialae-Iki | 3,372 | 3,825 |
| 4.98 | 5 | Waialae-Kahala | 3,744 | 3,661 |
| 5 | 6 | Diamond Head | 1,311 | 1,378 |
| 6 | 7 | 22nd Avenue | 2,993 | 2,829 |
| 7 | 8 | Ocean View | 3,856 | 3,666 |
| 8 | 9.01 | Waialae Nui | 2,334 | 2,203 |
| 9.01 | 9.02 | Maunalani Heights | 3,779 | 3,851 |
| 9.02 | 9.03 | Lower Wilhelmina Rise | 2,760 | 2,907 |
| 9.03 | 10 | Upper Palolo | 3,194 | 3,083 |
| 10 | 11 | Central Palolo | 4,072 | 3,727 |
| 11 | 12.01 | Keanu Street | 3,118 | 3,837 |
| 12.01 | 12.02 | Paalea Street | 3,081 | 3,080 |
| 12.02 | 13 | Kaimuki | 4,488 | 4,073 |
| 13 | 14 | Kapaolono Field | 2,595 | 2,570 |
| 14 | 15 | Upper Kapahulu | 3,664 | 3,471 |
| 15 | 16 | Lower Kapahulu | 3,911 | 3,564 |
| 16 | 17 | Kapiolani Park | 2,536 | 2,045 |
| 17 | 18.01 | Koa Avenue | 1,307 | 1,246 |
| 18.01 | 18.02 | Jefferson School | 4,411 | 4,731 |
| 18.02 | 19.01 | Waikiki Beach | 1,190 | 753 |
| 19.01 | | | | |

Continued on next page.

Table 1.17-- RESIDENT POPULATION FOR THE CITY AND COUNTY OF HONOLULU, BY DISTRICT AND CENSUS TRACT: 1990 AND 2000 -- Con.

| County, district, and 1990 census tract | 2000 census tract (see maps) | 2000 Name | 1990 | 2000 |
|---|------------------------------|---------------------------|-------|---------|
| Honolulu (con.): | | | | |
| 19.02 | 19.02 | Ena Road | 6,000 | 5,607 |
| 20.01 | 20.01 | Seaside Avenue | 3,037 | 3,400 |
| 20.02 | 20.02 | Olohana Street | 3,823 | 3,983 |
| 21 | 21 | Olokele Avenue | 3,691 | 3,520 |
| 22 | 22 | Kamoku Street | 7,292 | 7,054 |
| 23 | 23 | Moilili | 5,687 | 5,118 |
| 24.01 | 24.01 | Upper McCully | 3,016 | 2,956 |
| 24.02 | 24.02 | Lower McCully | 3,285 | 3,166 |
| 25 | 25 | Pawaa | 4,229 | 3,673 |
| 26 | 26 | Bingham Tract | 4,957 | 4,155 |
| 27.01 | 27.01 | University | 4,340 | 4,558 |
| 27.02 | 27.02 | Punahou | 4,998 | 5,177 |
| 28 | 28 | St. Louis Heights | 4,075 | 3,241 |
| 29 | 29 | East Manoa | 1,383 | 1,880 |
| 30 | 30 | Manoa | 4,236 | 4,140 |
| 31.01 | 31.01 | Woodlawn | 3,851 | 3,770 |
| 31.02 | 31.02 | Upper Manoa | 3,537 | 3,270 |
| 32 | 32 | Round Top-Tantalus | 853 | 885 |
| 33 | 33 | Makiki Heights | 876 | 832 |
| 34.03 | 34.03 | Thurston Street | 5,177 | 5,195 |
| 34.04 | 34.04 | Wilder-Lewalani | 4,757 | 4,623 |
| 34.05 | 34.05 | Punahou-Keeaumoku | 3,080 | 3,066 |
| 34.06 | 34.06 | H1-Wilder | 5,924 | 5,622 |
| 34.07 | 34.07 | H1-Punahou | 1,136 | 852 |
| 35 | 35 | Kaahumanu School | 4,688 | 5,834 |
| 36.96 | } 36.01 3/ | Sheridan Street | - | } 2,386 |
| 36.97 | | | 2,369 | |
| 36.98 | 36.02 3/ | Kaheka Street | 5,235 | 4,961 |
| 37 | 37 | Ala Moana | 2,325 | 3,745 |
| 38 | 38 | Kakaako | 721 | 2,871 |
| 39 | 39 | Civic Circle | 181 | 1,690 |
| 40 | 40 | Central Business District | 991 | 1,295 |
| 41 | 41 | Queen's Hospital | 4,742 | 4,610 |
| 42 | 42 | Queen Emma Gardens | 2,672 | 2,609 |
| 43 | 43 | Puowaina | 5,632 | 5,473 |
| 44 | 44 | Pauoa | 5,429 | 5,173 |
| 45 | 45 | Pacific Heights-Dowsett | 5,264 | 5,218 |
| 46 | 46 | Puunui-Nuuanu | 3,687 | 3,640 |

Continued on next page.

Table 1.17-- RESIDENT POPULATION FOR THE CITY AND COUNTY OF HONOLULU, BY DISTRICT AND CENSUS TRACT: 1990 AND 2000 -- Con.

| County, district, and 1990 census tract | 2000 census tract (see maps) | 2000 Name | 1990 | 2000 |
|---|------------------------------|-------------------------------|--------|---------|
| Honolulu (con.): | | | | |
| 47 | 47 | Alewa-Kawananakoa | 4,837 | 4,575 |
| 48 | 48 | Kamehameha Heights | 5,991 | 5,821 |
| 49 | 49 | Lanakila | 2,978 | 2,949 |
| 50 | 50 | Kuakini | 4,724 | 4,154 |
| 51 | 51 | Foster Botanic Garden | 2,399 | 3,167 |
| 52 | 52 | Chinatown | 2,480 | 3,056 |
| 53 | 53 | Aala | 4,208 | 3,842 |
| 54 | 54 | Mayor Wright Housing | 1,609 | 1,465 |
| 55 | 55 | Palama | 2,144 | 1,923 |
| 56 | 56 | Kapalama | 6,185 | 6,273 |
| 57 | } 57 3/ | Iwilei-Anuenue | 1,867 | } 1,550 |
| 57.99 | | | 298 | |
| 58 | 58 | Waiakamilo | 3,404 | 3,466 |
| 59 | 59 | Mokauea | 3,570 | 2,086 |
| 60 | 60 | Kalihi Kai | 5,857 | 6,361 |
| 61 | 61 | Kalihi Waena | 3,575 | 3,838 |
| 62.01 | 62.01 | Kam IV | 5,040 | 5,089 |
| 62.02 | 62.02 | Kuhio Park Terrace | 2,390 | 2,094 |
| 63.01 | 63.01 | Kalihi Valley Park | 3,433 | 3,684 |
| 63.02 | 63.02 | Kalena Drive | 2,781 | 2,577 |
| 64.01 | 64.01 | Ulana Street | 1,827 | 1,882 |
| 64.02 | 64.02 | Kamanaiki | 5,680 | 5,850 |
| 65 | 65 | Upper Kalihi Valley | 4,077 | 3,944 |
| 66 | 66 | Kahauiki | 2,952 | 1,673 |
| 67.01 | 67.01 | Tripler | 6,894 | 6,356 |
| 67.02 | 67.02 3/ | Moanalua | 2,758 | 2,371 |
| 68.02 | 68.02 | Aliamanu | 5,845 | 6,384 |
| 68.03 | 68.03 | Mapunapuna | 36 | 20 |
| 68.04 | 68.04 | Aliamanu Crater | 8,835 | 6,267 |
| 68.05 | 68.05 | Salt Lake-East | 4,326 | 5,642 |
| 68.06 | 68.06 | Salt Lake-West | 1,922 | 1,749 |
| 68.07 | } 68.08 3/ | Ala Ilima High Rise-Mauka | 10,084 | } 4,638 |
| | | | | |
| 69 | 69 | Radford | 3,182 | 3,460 |
| 70 | 70 3/ | Makalapa | 4,796 | 3,208 |
| 71 | 71 | Ohana Nui | 2,618 | 2,330 |
| 72 | 72 | Airport | 1,003 | 1,073 |
| 114.98 | 114.98 | Northwestern Hawaiian Islands | - | 5 |

Continued on next page.

Table 1.17-- RESIDENT POPULATION FOR THE CITY AND COUNTY OF HONOLULU, BY DISTRICT AND CENSUS TRACT: 1990 AND 2000 -- Con.

| County, district, and 1990 census tract | 2000 census tract (see maps) | 2000 Name | 1990 | 2000 |
|---|------------------------------|----------------------------|---------|------------|
| Ewa | | | 230,189 | 3/ 272,328 |
| 73 | } 73 3/ | Hickam | 6,689 | } 5,687 |
| 73.99 | | | 53 | |
| 74 | } 74 3/ | Pearl Harbor | 3,633 | } 2,177 |
| 74.99 | | | 4,331 | |
| 75.02 | 75.02 3/ | Red Hill | 1,236 | 1,821 |
| 75.03 | 75.03 | Halawa Heights | 4,952 | 4,916 |
| 75.04 | 75.04 | Aloha Stadium | 3,080 | 3,083 |
| 75.05 | 75.05 | Foster Village | 5,189 | 5,473 |
| 75.06 | 75.06 | Red Hill (Navy) Housing | 1,367 | 1,327 |
| 77.01 | 77.01 | Lower Aiea | 4,206 | 4,132 |
| 77.02 | 77.02 | Upper Aiea | 4,689 | 4,887 |
| 78.02 | 78.02 | Ewa Forest Reserve | - | - |
| 78.04 | 78.04 | Hoohulu Street | 2,034 | 2,068 |
| 78.05 | 78.05 | Waiau Townhouses | 5,300 | 4,966 |
| 78.06 | 78.06 | Kaonohi | 5,441 | 5,159 |
| 78.07 | 78.07 | Pearl Ridge High Rise | 5,759 | 5,315 |
| 78.08 | 78.08 | Pearl Ridge Center | 2,960 | 3,096 |
| 78.03 | } 78.09 3/ | Newtown | 9136 | } 3,873 |
| | | | | |
| | 78.10 3/ | Royal Summit | | 5,811 |
| 80.01 | 80.01 | Hale Mohalu | 1,610 | 1,829 |
| 80.02 | 80.02 | Kula Drive | 2,914 | 2,732 |
| 80.03 | 80.03 | Kuokoa Street | 5,055 | 4,439 |
| 80.05 | 80.05 | Pacific Palisades | 7,313 | 6,847 |
| 80.06 | 80.06 | Pearl City | 5,383 | 4,981 |
| 80.07 | 80.07 | Pearl City Uplands | 5,904 | 5,389 |
| 81 | 81 | Pearl City Pen-Ford Island | 2,384 | 4,210 |
| 82 | 82 | Waipio Peninsula | - | - |
| 83.01 | 83.01 | Iroquois Point | 5,786 | 3,856 |
| 83.02 | 83.02 | Puuloa | 6,699 | 6,563 |
| 84 | } 84.01 3/ | Ewa Gentry-East | 9,677 | } 3,300 |
| | | | | |
| 84 | } 84.03 3/ | Ocean Pointe | | } 2,249 |
| | | | | |
| 85 | } 85 5/ | Barbers Point | 4,529 | } 1,311 |
| 86.98 4/ | | | (NA) | |
| 86.99 | | | 23 | |

Continued on next page.

Table 1.17-- RESIDENT POPULATION FOR THE CITY AND COUNTY OF HONOLULU, BY DISTRICT AND CENSUS TRACT: 1990 AND 2000 -- Con.

| County, district, and 1990 census tract | 2000 census tract (see maps) | 2000 Name | 1990 | 2000 |
|---|------------------------------|---|--------|--------|
| Ewa (con.): | | | | |
| 86.03 | 86.03 | Kahe | 6,509 | 9,882 |
| 86.04 | 86.04 | Makakilo | 4,015 | 4,097 |
| 86.98 4/ | 86.05 5/ | East Kapolei-Ewa Villages | (NA) | 8,607 |
| 86.98 4/ | 86.06 5/ | Villages of Kapolei-North | (NA) | 7,290 |
| 86.98 4/ | 86.07 5/ | Villages of Kapolei-South | (NA) | 1,544 |
| 86.98 4/ | 86.08 5/ | City of Kapolei | (NA) | - |
| 86.98 4/ | 86.09 5/ | Ko Olina Expansion | (NA) | 1,671 |
| 86.98 4/ | 86.10 5/ | Ko Olina-Campbell Industrial Park | (NA) | 9 |
| 87.01 | 87.01 | Waipahu Park | 7,598 | 7,969 |
| 87.02 | 87.02 | St. Joseph School | 4,161 | 4,405 |
| 87.98 | 87.03 3/ | Waipahu Intermediate School | 4,471 | 6,064 |
| 88 | 88 | Waipahu-Mauka | 6,172 | 6,781 |
| 89.05 | 89.05 | Village Park | 7,561 | 11,521 |
| 89.06 | 89.06 | Mililani Golf Course | 4,025 | 3,839 |
| 89.07 | 89.07 | Mililani- Kipapa | 4,560 | 4,056 |
| 89.08 | 89.08 | Mililani- Market Place | 6,688 | 6,267 |
| 89.09 | 89.09 | Mililani- District Park | 3,779 | 3,878 |
| 89.12 | 89.12 | August Ahrens School | 2,193 | 2,582 |
| 89.01 | 89.13 3/ | Robinson Heights | 8,084 | 3,750 |
| | 89.14 3/ | Punawai | | 4,311 |
| | 89.15 3/ | Waipio Acres | | 5,219 |
| 89.04 | 89.16 3/ | Mililani Mauka | 5,183 | 11,181 |
| | 89.17 3/ | Mililani Town Center- -Makaunulau | | 4,879 |
| 89.10 | 89.18 3/ | Mililani-Nob Hill | 10,444 | 5,768 |
| | 89.19 3/ | Waiawa | | - |
| | 89.20 3/ | Waipio Gentry Industrial-Koa Ridge Makai | | 4,704 |
| | 89.21 3/ | Seaview-Crestview | | 2,568 |
| 89.11 | 89.22 3/ | Waikele | 11,893 | 6,895 |
| | 89.23 3/ | Waipio Gentry | | 4,741 |

Continued on next page.

Table 1.17-- RESIDENT POPULATION FOR THE CITY AND COUNTY OF HONOLULU, BY DISTRICT AND CENSUS TRACT: 1990 AND 2000 -- Con.

| County, district, and 1990 census tract | 2000 census tract (see maps) | 2000 Name | 1990 | 2000 |
|---|------------------------------|------------------------|---------|---------|
| Wahiawa | | | 43,886 | 38,370 |
| 90 | 90 | Wheeler-East Range | 2,600 | 2,829 |
| 91 | 91 | Kaukonahua | 4,303 | 4,663 |
| 92 | 92 | Wahiawa-Mauka | 7,930 | 6,962 |
| 93 | 93 | Wahiawa-Waena | 4,214 | 4,385 |
| 94 | 94 | Wahiawa-Makai | 5,242 | 4,804 |
| 95.01 | 95.01 | Kolekole Avenue | 3,532 | 3,450 |
| 95.02 | 95.02 | Menoher Street | 7,307 | 4,035 |
| 95.03 | 95.03 | Foote Avenue | 4,339 | 2,528 |
| 95.04 | 95.04 | Leilehua Avenue | 1,178 | 1,235 |
| 95.05 | 95.05 | Beaver Road | 3,241 | 3,479 |
| Waianae | | | 37,411 | 42,259 |
| 96.01 | 96.01 | Nanakuli-Lualualei | 5,974 | 6,854 |
| 96.03 | 96.03 | Mali | 6,820 | 7,946 |
| 96.04 | 96.04 | Niulii Reservoir | 4,733 | 5,625 |
| 97.01 | 97.01 | Waianae Kai | 5,523 | 5,480 |
| 97.02 | 97.02 | Lualualei Homesteads | 6,153 | 8,125 |
| 98 | 98.01 3/ | Makaha | 8,208 | 2,386 |
| | 98.02 3/ | Makaha Valley-Makua | | 5,843 |
| Waiialua | | | 11,549 | 14,027 |
| 99.01 | 99.01 | Waiialua-Mokuleia | 5,792 | 5,731 |
| 99.02 | 99.02 | Haleiwa | 3,956 | 3,958 |
| 100 | 100 | Haleiwa-Kawailoa | 1,801 | 4,338 |
| Koolauloa | | | 18,443 | 18,899 |
| 101 | 101 | Waimea-Kahuku | 6,909 | 7,487 |
| 102.01 | 102.01 | Hauula-Kaaawa | 4,608 | 5,312 |
| 102.02 | 102.02 | Laie | 6,926 | 6,100 |
| Koolaupoko | | | 117,694 | 117,994 |
| 103.02 | 103.02 | Kapunahala | 3,745 | 3,398 |
| 103.03 | 103.03 | Waihole Forest Reserve | 4,660 | 4,537 |
| 103.05 | 103.05 | Okana- Puu Maelieli | 4,663 | 4,894 |
| 103.06 | 103.06 | Ahuimanu- Haiku | 6,562 | 6,480 |
| 105.03 | 105.03 | Kaneohe Playground | 2,111 | 1,991 |
| 105.04 | 105.04 | Waikalua Road | 5,373 | 5,153 |
| 105.05 | 105.05 | Heeia Kea | 3,612 | 3,512 |
| 105.06 | 105.06 | Windward Mall | 7,804 | 8,001 |

Continued on next page.

Table 1.17-- RESIDENT POPULATION FOR THE CITY AND COUNTY OF HONOLULU, BY DISTRICT AND CENSUS TRACT: 1990 AND 2000 -- Con.

| County, district, and 1990 census tract | 2000 census tract (see maps) | 2000 Name | 1990 | 2000 |
|---|------------------------------|----------------------------|--------|-------|
| Koolaupoko (con.): | | | | |
| 106.01 | 106.01 | Puohala | 3,200 | 3,232 |
| 106.02 | 106.02 | Halekou | 5,480 | 5,589 |
| 107.01 | 107.01 | Kokokahi | 3,551 | 3,766 |
| 107.02 | 107.02 | Kailuapuhi | 4,336 | 3,846 |
| 108 | 108.01 3/ | Mokapu-West | 11,662 | 3,906 |
| | 108.02 3/ | Mokapu-East | | 7,921 |
| 109.01 | 109.01 | Puu Papaa | 3,208 | 3,161 |
| 109.03 | 109.03 | Oneawa-Kawainui | 4,253 | 4,186 |
| 109.04 | 109.04 | Kalama Street | 3,391 | 3,404 |
| 109.05 | 109.05 | Ulupaina Street | 2,568 | 2,527 |
| 110 | 110 | Maunawili-Kawainui | 3,910 | 3,614 |
| 111.03 | 111.03 | Olomana | 3,884 | 4,050 |
| 111.04 | 111.04 | Enchanted Lakes | 4,937 | 4,797 |
| 111.05 | 111.05 | Kailua Mall | 3,732 | 3,790 |
| 111.06 | 111.06 | Keolu Hills | 5,774 | 5,774 |
| 112.01 | 112.01 | Kalaheo Avenue | 4,687 | 4,539 |
| 112.02 | 112.02 | Lanikai | 1,536 | 1,765 |
| 113.01 | 113.01 | Waimanalo | 4,859 | 5,775 |
| 113.02 | 113.02 | Waimanalo Beach-Homesteads | 4,196 | 4,386 |

NA Not available.

1/ In previous censuses, the Honolulu and Ewa District boundaries were aligned with census tract boundary lines. For Census 2000, the Honolulu and Ewa District boundaries did not change, but four census tracts situated along the district boundary lines had boundary changes. A portion of census tract 75.02 (in the Ewa District) was moved into census tract 67.02 (into the Honolulu District). A portion of census tract 74 (in the Ewa District) was moved to census tract 70 (into the Honolulu District).

2/ The 1990 census tract 1.04 has been split into the 2000 census tracts of 1.04, 1.09 and 1.10. Therefore, census tract 1.04 for the 1990 and the 2000 censuses are not comparable.

3/ Tract boundaries or tract numbers have changed between the 1990 and 2000 censuses due to boundary line changes, renumbering, absorption into other tracts, or splitting into smaller tracts.

4/ Includes only part of the census tract.

5/ The 1990 census tract 86.98 was split into six new tracts and a portion was added to census tract 85 for Census 2000. Due to the way the census tracts were split, no comparison of the 1990 and 2000 resident populations for these areas are possible at this time. The 1990 census tract resident population for 86.98 (Ewa) was 5,521. In addition to gaining a portion of the 1990 census tract 86.98, the 1990 census tract 85 was expanded in the 2000 census to include census tract 86.99 (vessel offshore). Therefore, the census tract 85 for the 1990 and the 2000 censuses are not comparable.

Source: U.S. Bureau of the Census, 1990 Summary Tape File 1A; U.S. Census Bureau, Census 2000 Redistricting Data (P.L. 94-171) Summary File and the L.A. Regional Census Center Geography Department; and C & C of Honolulu Planning and Permitting Department; compiled by the Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center.

**Table 1.18-- RESIDENT POPULATION FOR HAWAII, KAUAI, KALAWAO,
AND MAUI COUNTIES, BY DISTRICT AND CENSUS TRACT:
1990 AND 2000**

| County, district, and 1990 census tract | 2000 census tract (see maps) | 2000 Name | 1990 | 2000 |
|---|------------------------------------|--|---------|---------|
| HAWAII | | | | |
| Total | | | 120,317 | 148,677 |
| South Hilo | | | 44,639 | 47,386 |
| 201 | 201 | Papaikou-Wailea Hilo: Upper Waiakea Forest Reserve | 5,102 | 4,961 |
| 202 | 202 | Hilo: Puueo-Downtown | 1,871 | 1,805 |
| 203 | 203 | Hilo: Villa Franca-Kaiko'o | 3,723 | 3,779 |
| 204 | 204 | Hilo: University-Houselots | 3,612 | 3,098 |
| 205 | 205 | | 5,576 | 5,918 |
| 206 | } 206 1/ | Hilo: Keaukaha-Panaewa | 3,902 | } 4,909 |
| 206.99 | | | - | |
| 207.01 | 207.01 | Hilo: Puainako | 4,399 | 4,535 |
| 207.02 | 207.02 | Hilo: Kawaiiani | 4,693 | 4,782 |
| 208.01 | 208.01 | Hilo: Kukuau-Kaumana | 3,062 | 3,651 |
| 208.02 | 208.02 | Hilo: Piihonua-Kaumana | 5,081 | 5,745 |
| 209 | 209 | Hilo: Haihai | 3,618 | 4,203 |
| Puna | | | 20,781 | 31,335 |
| 210.01 | 210.01 | Lower Keaau | 6,844 | 11,776 |
| 210.02 | 210.02 | Keaau-Volcano | 7,235 | 10,962 |
| 211 | 211 | Pahoa-Kalapana | 6,702 | 8,597 |
| Ka'u | | | 4,438 | 5,827 |
| 212 | 212 | Ka'u | 4,438 | 5,827 |
| South Kona | | | 7,658 | 8,589 |
| 213 | 213 | South Kona | 4,998 | 5,535 |
| 214 | 214 | Kealakekua-Captain Cook | 2,660 | 3,054 |
| North Kona | | | 22,284 | 28,543 |
| 215.01 | 215.01 | Kalaoa | 6,486 | 9,505 |
| 215.02 | 215.02 | Hualalai | 2,944 | 3,688 |
| 215.97 | } 215.03 1/ | | 104 | } 4,095 |
| 215.98 | | Kaumalumau-Kealakekua | 3,089 | |

Continued on next page.

**Table 1.18-- RESIDENT POPULATION FOR HAWAII, KAUAI, KALAWAO,
AND MAUI COUNTIES, BY DISTRICT AND CENSUS TRACT:
1990 AND 2000 -- Con.**

| County, district, and 1990 census tract | 2000 census tract (see maps) | 2000 Name | 1990 | 2000 |
|---|------------------------------------|---|---------|------------------|
| North Kona (con.): | | | | |
| 216 | { 216.01 1/ 216.02 1/ | Kailua Kahului-Kaumalumu | 9,661 | { 5,987 5,268 |
| South Kohala | | | 9,140 | 13,131 |
| 217 | { 217.01 1/ 217.02 1/ | Kawaihae-Waikoloa Waimea-Puu Anahulu | 9,140 | { 6,015 7,116 |
| North Kohala | | | 4,291 | 6,038 |
| 218 | 218 | North Kohala | 4,291 | 6,038 |
| Hamakua | | | 5,545 | 6,108 |
| 219 | 219 | Honokaa-Kukuihaele | 3,681 | 3,895 |
| 220 | 220 | Paaupuu-Paauilo | 1,864 | 2,213 |
| North Hilo | | | 1,541 | 1,720 |
| 221 | 221 | North Hilo | 1,541 | 1,720 |
| MAUI | | | | |
| Total | | | 100,504 | 128,241 |
| Hana | | | 1,895 | 1,855 |
| 301 | 301 | Hana | 1,895 | 1,855 |
| Makawao | | | 29,207 | 36,476 |
| 302 | 302 | Haiku-Pauwela | 5,695 | 8,377 |
| 303.01 | 303.01 | Kula | 5,525 | 6,659 |
| 303.02 | 303.02 | Wailea | 2,496 | 3,070 |
| 304.01 | 304.01 | Makawao | 7,271 | 8,147 |
| 304.02 | 304.02 | Pukalani | 6,127 | 7,708 |
| 305 | 305 | Paia | 2,093 | 2,515 |
| Wailuku | | | 45,685 | 61,346 |
| 306 | 306 | Spreckelsville | 213 | 337 |

Continued on next page.

**Table 1.18-- RESIDENT POPULATION FOR HAWAII, KAUAI, KALAWAO,
AND MAUI COUNTIES, BY DISTRICT AND CENSUS TRACT:
1990 AND 2000 -- Con.**

| County, district, and 1990 census tract | 2000 census tract (see maps) | 2000 Name | 1990 | 2000 |
|---|------------------------------------|--------------------------|--------|--------|
| Wailuku (con.): 307.99 | | | 9 | |
| | 307.01 1/ | Maalaea | | 3,579 |
| 307 | 307.02 1/ | North Kihei | 12,869 | 8,057 |
| | 307.03 1/ | South Kihei | | 8,207 |
| 308 | 308 | Waihee-Waikapu | 2,273 | 3,397 |
| | 309.01 1/ | West Central Wailuku | | 2,437 |
| | 309.02 1/ | East Central Wailuku | | 2,661 |
| 309 | 309.03 1/ | North Wailuku | 8,372 | 6,682 |
| 310 | 310 | South Wailuku | 5,060 | 5,843 |
| 311.01 | 311.01 | West Kahului | 4,516 | 6,908 |
| 311.02 | 311.02 | Central Kahului | 4,332 | 4,730 |
| 311.03 | 311.03 | Southeast Kahului | 4,438 | 4,720 |
| 312 | 312 | Northeast Kahului | 3,386 | 3,776 |
| 313 | 313 | Puunene | 217 | 12 |
| Lahaina | | | 14,574 | 17,967 |
| | 314.01 1/ | Lahaina Town | | 2,492 |
| | 314.02 1/ | North Lahaina | | 2,433 |
| 314 | 314.03 1/ | South Lahaina | 9,189 | 4,276 |
| 315 | 315 | Honokahua | 5,385 | 8,766 |
| Lanai | | | 2,426 | 3,193 |
| 316 | 316 | Lanai | 2,426 | 3,193 |
| Molokai | | | 6,587 | 7,257 |
| 317 | 317 | East Molokai | 4,419 | 4,688 |
| 318 | 318 | West Molokai | 2,168 | 2,569 |
| KALAWAO | | | | |
| Total | | | 130 | 147 |
| 319 | 319 | Kalawao (Kalawao County) | 130 | 147 |

Continued on next page.

**Table 1.18-- RESIDENT POPULATION FOR HAWAII, KAUAI, KALAWAO,
AND MAUI COUNTIES, BY DISTRICT AND CENSUS TRACT:
1990 AND 2000 -- Con.**

| County, district, and 1990 census tract | 2000 census tract (see maps) | 2000 Name | 1990 | 2000 |
|---|------------------------------------|--|-------------------------------------|-------------------------------------|
| KAUAI | | | | |
| Total | | | 51,177 | 58,463 |
| Hanalei 401 | 401 | Hanalei | 4,631 4,631 | 6,348 6,348 |
| Kawaihau 402.01 | 402.01 | Kealia-Moloaa | 15,627 2,178 | 18,525 3,123 |
| 402.02 403 | 402.02 403 | Wailua-Kapaa Homesteads Kapaa | 6,622 6,827 | 7,750 7,652 |
| Lihue 404 | 404 | Puhi-Hanamaulu | 10,663 5,384 | 12,022 6,860 |
| 405 405.99 | } 405 1/ | Lihue | 5,275 4 | } 5,162 |
| Koloa 406 407 | 406 407 | Koloa-Poipu Eleele-Kalaheo | 11,368 4,900 6,468 | 12,845 5,404 7,441 |
| Waimea 408 409 410 411.98 | 408 409 410 411 1/ | Kaumakani-Hanapepe Kekaha-Waimea Niihau Kaula | 8,888 2,913 5,745 230 - | 8,723 3,438 5,125 160 - |

1/ Tract boundaries or tract numbers have changed between the 1990 and 2000 censuses due to boundary line changes, renumbering, absorption into other tracts, or splitting into smaller tracts.

Source: U.S. Bureau of the Census, 1990 Summary Tape File 1A; U.S. Census Bureau, Census 2000 Redistricting Data (P.L. 94-171) Summary File and the L.A. Regional Census Center Geography Dept.; County of Hawaii Planning Dept. and Dept. of Research and Development; County of Maui Planning Dept.; County of Kauai Planning Dept.; compiled by the Hawaii State Dept. of Business, Economic Development & Tourism, Hawaii State Data Center.

**Table 1.19-- RESIDENT POPULATION OF HAWAIIAN HOME LANDS,
BY NATIVE HAWAIIAN RACE, BY ISLAND: 2000**

| Island and Hawaiian Home Lands | Popu- lation total | Native Hawaiian | | Island and Hawaiian Home Lands | Popu- lation total | Native Hawaiian | |
|--------------------------------------|--------------------------|------------------|---|--------------------------------------|--------------------------|------------------|---|
| | | Race alone 1/ | Race alone or in combina- tion 2/ | | | Race alone 1/ | Race alone or in combina- tion 2/ |
| State of Hawaii | 22,539 | 10,858 | 18,614 | Hawaii (con.): | | | |
| Hawaii | 4,522 | 1,965 | 3,538 | Waimanu | - | - | - |
| Honokaia | - | - | - | Waiohinu | - | - | - |
| Honokohau | - | - | - | Maui | 961 | 468 | 739 |
| Honomu-Kuhua | 8 | - | 3 | Kahikinui | 12 | - | 4 |
| Humuula | - | - | - | Keanae | - | - | - |
| Kalaoa | - | - | - | Kula | 45 | 5 | 12 |
| Kamaoa-Puueo | 29 | 15 | 25 | Lahaina | - | - | - |
| Kamoku-Kapulena | 39 | - | 7 | Paukukalo | 753 | 384 | 616 |
| Kaniohale | 602 | 260 | 504 | Puunene | - | - | - |
| Kaumana | - | - | - | Ulupalakua | 1 | - | 1 |
| Kawaihae | 103 | 38 | 69 | Waiehu | 150 | 79 | 106 |
| Kealakehe | - | - | - | Wailua | - | - | - |
| Keaukaha | 1,454 | 761 | 1,258 | Wailuku | - | - | - |
| Keoniki | - | - | - | Kahoolawe | - | - | - |
| Lalamilo | - | - | - | Lanai | - | - | - |
| Makuu | 59 | 14 | 38 | Molokai | 1,741 | 1,022 | 1,453 |
| Nienie | 60 | 11 | 14 | Hoolehua- | | | |
| Olaa | 18 | - | 4 | Palaa | 1,086 | 668 | 952 |
| Panaewa | 1,362 | 564 | 1,055 | Kalamaula | 232 | 108 | 186 |
| Pauahi | 10 | - | 4 | Kalaupapa | 122 | 55 | 56 |
| Pihonua | 7 | - | - | Kamiloloa | 56 | 16 | 40 |
| Ponohawai | 117 | 25 | 97 | Kapaakea | 204 | 162 | 198 |
| Puna | - | - | - | Makakupia | 35 | 13 | 16 |
| Puukapu | 629 | 273 | 451 | Ualapue | 6 | - | 5 |
| Waiakea | 15 | 4 | 9 | | | | |
| Waikoloa- | | | | | | | |
| Waialeale | 8 | - | - | | | | |
| Wailau | 2 | - | - | | | | |

Continued on next page.

**Table 1.19-- RESIDENT POPULATION OF HAWAIIAN HOME LANDS,
BY NATIVE HAWAIIAN RACE, BY ISLAND: 2000 -- Con.**

| Island and Hawaiian Home Land | Popu- lation total | Native Hawaiian | | Island and Hawaiian Home Land | Popu- lation total | Native Hawaiian | |
|---|--------------------------|------------------|---|-------------------------------------|--------------------------|------------------|---|
| | | Race alone 1/ | Race alone or in combina- tion 2/ | | | Race alone 1/ | Race alone or in combina- tion 2/ |
| Oahu | 13,287 | 6,408 | 11,324 | Oahu (con.): Waimanalo | 3,028 | 1,590 | 2,544 |
| Auwaiolimu- Kalawahine- Kalawahine- Kewalo- Papakolea | 1,575 | 876 | 1,343 | Kauai Anahola- Kamalomalo | 2,028 | 995 | 1,560 |
| Kapalama | - | - | - | Hanapepe | 54 | 19 | 35 |
| Kapolei | - | - | - | Kapaa | 4 | - | - |
| Lualualei | 1,826 | 773 | 1,485 | Kekaha | 225 | 104 | 184 |
| Moilili | - | - | - | Moloaa | - | - | - |
| Nanakuli | 5,099 | 2,382 | 4,429 | Wailua | 10 | 1 | 5 |
| Shafter Flats | - | - | - | Waimea | - | - | - |
| Waianae | 1,759 | 787 | 1,523 | | | | |

1/ People who chose only one race and it was the "Native Hawaiian" race.

2/ People who chose only one race and it was the "Native Hawaiian" race or those who have chosen two or more races, one of which is the "Native Hawaiian" race.

Source: U.S. Census Bureau, Census 2000 Summary File 1 Hawaii (July 25, 2001).

**Table 1.20-- RESIDENT POPULATION, BY ISLAND AND
ZIP CODE TABULATION AREA: 2000**

[ZIP Code Tabulation Areas are not exact representations of the USPS's ZIP Code delivery areas]

| Zip code tabulation area 1/ | Name 2/ | Resident population | Zip code tabulation area 1/ | Name 2/ | Resident population |
|-----------------------------|----------------------|---------------------|-----------------------------|--------------------------|---------------------|
| State total | | 1,211,537 | Maui (con.): | | |
| Hawaii | | | 96753 | Kihei | 22,437 |
| 96704 | Captain Cook | 6,617 | 96761 | Lahaina (Main Office) | 18,518 |
| 96710 | Hakalau | 370 | 96768 | Makawao/ Pukalani | 15,877 |
| 96718 | Hawaii National Park | 29 | 96779 | Paia | 2,753 |
| 96719 | Hawi | 2,615 | 96790 | Kula | 6,690 |
| 96720 | Hilo (Main Office) | 42,916 | 96793 | Wailuku | 21,762 |
| 96725 | Holualoa | 2,956 | | | |
| 96727 | Honokaa | 4,435 | Lanai | | |
| 96728 | Honomu | 587 | 96763 | Lanai City | 3,189 |
| 96737 | Ocean View | 2,112 | | | |
| 96738 | Waikoloa | 5,269 | Molokai | | |
| 96740 | Kailua-Kona | 25,132 | 96729 | Hoolehua | 1,075 |
| 96743 | Kamuela | 8,546 | 96742 | Kalaupapa | 147 |
| 96749 | Keaau | 11,553 | 96748 | Kaunakakai | 4,692 |
| 96750 | Kealakekua | 2,629 | 96757 | Kualapuu | 858 |
| 96755 | Kapaau | 2,973 | 96770 | Maunaloa | 630 |
| 96760 | Kurtistown | 2,070 | | | |
| 96764 | Laupahoehoe | 795 | Oahu | | |
| 96771 | Mountain View | 4,410 | 96701 | Aiea | 41,423 |
| 96772 | Naalehu | 1,930 | 96706 | Ewa Beach | 43,874 |
| 96773 | Ninole | 182 | 96707 | Kapolei | 25,054 |
| 96774 | Ookala | 187 | 96712 | Haleiwa | 7,699 |
| 96776 | Paauilo | 1,396 | 96717 | Hauula | 5,063 |
| 96777 | Pahala | 1,466 | 96730 | Kaawa | 1,543 |
| 96778 | Pahoa | 10,653 | 96731 | Kahuku | 2,716 |
| 96780 | Papaaloa | 524 | 96734 | Kailua | 51,081 |
| 96781 | Papaikou | 1,573 | 96744 | Kaneohe | 54,415 |
| 96783 | Pepeekeo | 1,895 | 96759 | Kunia | 667 |
| 96785 | Volcano | 2,855 | 96762 | Laie | 4,883 |
| Maui | | | 96782 | Pearl City | 37,879 |
| 96708 | Haiku | 8,595 | 96786 | Wahiawa | 41,605 |
| 96713 | Hana | 1,612 | 96789 | Mililani Town | 45,093 |
| 96732 | Kahului | 19,390 | 96791 | Waiialua | 7,908 |

Continued on next page.

**Table 1.20-- RESIDENT POPULATION, BY ISLAND AND
ZIP CODE TABULATION AREA: 2000 -- Con.**

| Zip code tabulation area 1/ | Name 2/ | Resident population | Zip code tabulation area 1/ | Name 2/ | Resident population |
|-----------------------------|-------------------------------|---------------------|-----------------------------|-------------|---------------------|
| Oahu (con.): | | | Kauai | | |
| 96792 | Waianae | 42,342 | 96703 | Anahola | 2,174 |
| 96795 | Waimanalo | 9,872 | 96705 | Eleele | 1,955 |
| 96797 | Waipahu | 63,228 | 96714 | Hanalei | 2,165 |
| 96813 | Downtown | 21,435 | 96716 | Hanapepe | 2,475 |
| 96814 | Downtown | 13,906 | 96722 | Princeville | 1,212 |
| 96815 | Waikiki | 27,507 | 96741 | Kalaheo | 6,277 |
| 96816 | Waialae Kahala | 48,839 | 96746 | Kapaa | 16,188 |
| 96817 | Kapalama | 52,044 | 96747 | Kaumakani | 607 |
| 96818 | Navy Cantonment (P.O. Box) | 54,856 | 96751 | Kealia | 209 |
| 96819 | Kapalama | 47,299 | 96752 | Kekaha | 2,930 |
| 96821 | Waialae Kahala | 18,655 | 96754 | Kilauea | 2,075 |
| 96822 | Makiki | 43,921 | 96756 | Koloa | 5,312 |
| 96825 | Hawaii Kai | 27,657 | 96766 | Lihue | 12,011 |
| 96826 | Makiki | 31,187 | 96769 | Makaweli | 638 |
| 96862 | (NA) | - | 96796 | Waimea | 2,205 |
| 96863 | (NA) | 2,505 | 967XX 3/ | | 48 |

NA Not available.

1/ Zip Code Tabulation Areas (ZCTAs) are a new statistical entity developed by the U.S. Census Bureau for tabulating summary statistics from Census 2000. ZCTAs are generalized area representations of U.S. Postal Service (USPS) ZIP Code service areas. They are not exact representations of the USPS's ZIP Code delivery areas. Some ZIP Codes represent very few addresses (sometimes only one) and therefore will not appear in the ZCTA listing.

2/ From Verizon Phone Book. There may be more than one name for a zip code area.

3/ May either be large undeveloped areas or remainders of areas that were fragmented.

Source: U.S. Census Bureau, Summary File 1 Hawaii (July 25, 2001); Verizon, *Verizon Phone Book* (August 2002).

Table 1.21-- RESIDENT AND DE FACTO POPULATION AND EMPLOYED PERSONS, FOR WAIKIKI: 1970 TO 2000

[For earlier years, 1920-1970, see *Data Book 1987* and *1988*, table 14. Waikiki is bounded by the Ala Wai Canal, Kapahulu Avenue, and the Pacific Ocean]

| Subject | 1970 | 1980 | 1990 | 2000 | Density 1/ | |
|---|------------------|------------------|------------------|----------------|-----------------------|-------------------|
| | | | | | 1990 | 2000 |
| Resident population 2/ Temporarily absent 3/ | 13,124 176 | 17,384 174 | 19,768 327 | 19,720 763 | 25,254.9 417.8 | 25,193.6 974.8 |
| De facto population 4/ Visitors present 3/ | 34,874 21,926 | 63,710 46,500 | 95,979 76,538 | (NA) 73,751 | 122,619.6 97,782.4 | (NA) 94,221.8 |
| Employed persons: 5/ Living in Waikiki Working in Waikiki | 7,866 (NA) | 9,593 30,011 | 11,065 (NA) | 9,898 (NA) | 14,136.3 (NA) | 12,645.4 (NA) |

NA Not available.

1/ Per square mile. Based on land area of 0.78 square miles (2.03 square kilometers).

2/ The resident population is defined as the number of persons whose usual place of residence is in an area, regardless of physical location on the estimate or census date. It includes military personnel stationed or homeported in the area and residents temporarily absent, but excludes visitors present.

3/ Annual averages. Estimated.

4/ The de facto population is defined as the number of persons physically present in an area, regardless of military status or usual place of residence. It includes visitors present but excludes residents temporarily absent, both calculated as an average daily census.

5/ Includes armed forces.

Source: U.S. Bureau of the Census, census tract bulletins, 1970-1980, and 1990 Census tapes, U.S. Census Bureau, Census 2000 Redistricting Data (P.L. 94-171) Summary File (March 19, 2001) and Census 2000 Summary File 3 (September 25, 2002); Hawaii Visitors Bureau; Hawaii State Department of Business, Economic Development & Tourism, Tourism Research Branch; *Data Book 1987*, table 380; and calculations from the Hawaii State Department of Business, Economic Development & Tourism.

**Table 1.22-- POPULATION AND LAND AREA, URBAN AND RURAL,
BY COUNTY: 2000**

[Based on "urban" area criteria used prior to 2002]

| Subject | State total | Honolulu | Hawaii | Kauai | Maui 1/ |
|--------------------------|--------------------|-----------------|---------------|--------------|----------------|
| Land area (square miles) | 6,422.6 | 599.8 | 4,028.0 | 622.4 | 1,172.4 |
| Urban | 355.4 | 200.5 | 68.1 | 31.8 | 55.0 |
| Rural | 6,067.2 | 399.2 | 3,959.9 | 590.6 | 1,117.4 |
| Resident population | 1,211,537 | 876,156 | 148,677 | 58,463 | 128,241 |
| Urban | 1,109,179 | 862,498 | 86,965 | 47,512 | 112,204 |
| Percent 2/ | 91.6 | 98.4 | 58.5 | 81.3 | 87.5 |
| Rural | 102,358 | 13,658 | 61,712 | 10,951 | 16,037 |
| Percent 2/ | 8.4 | 1.6 | 41.5 | 18.7 | 12.5 |

1/ Maui County includes Kalawao County.

2/ Percent of state population for "state total" column; percent of county population for all other columns.

Source: U.S. Census Bureau, Census 2000 Redistricting Data (P.L. 94-171), Census 2000 Summary File 3, and records.

Table 1.23-- CENTERS OF POPULATION, BY COUNTY: 1990 AND 2000

[The "center of population" is determined as the place where an imaginary, flat, weightless, and rigid map of the geographic area would balance perfectly if all of its residents were of identical weight]

| County | North latitude (degrees) | West longitude (degrees) | Approximate location |
|-----------------|---------------------------------|---------------------------------|--|
| 1990 | | | |
| State of Hawaii | 21.1756 | 157.5708 | Kaiwi Channel |
| Hawaii County | 19.6898 | 155.4060 | 20 mi. W of Hilo |
| Maui County 1/ | 20.8722 | 156.4547 | 0.6 mi. SW of Wailuku Post Office |
| Honolulu County | 21.3748 | 157.8993 | 0.2 mi. NE of Red Hill Elementary School |
| Kauai County | 22.0144 | 159.4509 | 4.4 mi. N of Knudsen Gap |
| 2000 | | | |
| State of Hawaii | 21.146768 | 157.524450 | Kaiwi Channel |
| Hawaii County | 19.690126 | 155.415730 | 21.5 mi. W of Hilo |
| Maui County | 20.868419 | 156.500230 | 1.3 mi. SE of Wailuku Post Office |
| Kalawao County | 21.192297 | 156.980230 | Kalaupapa |
| Honolulu County | 21.376294 | 157.908850 | 0.8 mi. NW of Red Hill Elementary School |
| Kauai County | 22.021112 | 159.447510 | 5 mi. N of Knudsen Gap |

1/ Maui County includes Kalawao County.

Source: Hawaii State Department of Business, Economic Development & Tourism, estimated from block group data in U.S. Bureau of Census, 1990 STF-1A and the Office of Planning, 2000 approximate location; U.S. Census Bureau, Commerce News "2000 U.S. Population Centered in Phelps County, Mo." , CB01-CN.66, (April 2, 2001) <http://www.census.gov/Press-Release/www/releases/archives/census_2000/000717.html> accessed July 18, 2001 and "County Population Centroids for Hawaii" <<http://www.census.gov/geo/www/cenpop/county/coucntr15.html>> accessed Nov. 11, 2003.

Table 1.24-- POPULATION BY MILITARY STATUS: 1950 TO 2000

| Year | Total resident population | Armed Forces | Civilians | | | Armed Forces and dependents |
|---------|---------------------------|--------------|---------------|---------------------|-----------------|-----------------------------|
| | | | All civilians | Military dependents | Other civilians | |
| 1950 | 499,794 | 22,856 | 476,938 | (NA) | (NA) | (NA) |
| 1960 | 632,772 | 47,267 | 585,505 | 56,576 | 528,929 | 103,843 |
| 1970 | 768,559 | 49,953 | 718,606 | 61,261 | 657,345 | 111,214 |
| 1980 | 964,691 | 58,443 | 906,248 | 61,974 | 844,274 | 120,417 |
| 1990 | 1,108,229 | 54,001 | 1,054,228 | 63,215 | 991,013 | 117,216 |
| 2000 1/ | 1,211,535 | 39,035 | 1,172,500 | 43,090 | 1,129,410 | 82,125 |

NA Not available.

1/ Figures for Armed Forces, military dependents and other civilians were obtained from a special tabulation of the census data. As a result, they are subject to rounding rules used in all special tabulations from the Census Bureau. The rounding rules sometimes cause figures from the special tabulations to differ from those obtained from the regular Census 2000 datasets. The figure for total resident population from the Census 2000 Summary File 1 was 1,211,537 and the Armed Forces population from the Census 2000 Summary File 3 was 39,036. Both of these figures differ from the numbers obtained in the special tabulation. Figures for 2000 in this table were obtained from the special tabulation so data for total resident population, Armed Forces, and all civilians differ from the figures presented in last year's *Data Book*.

Source: U.S. Census Bureau, decennial censuses special tabulations.

**Table 1.25-- POPULATION CHARACTERISTICS, BY
MILITARY STATUS: 1990**

| Subject | All groups | Armed Forces | Military dependents | Other civilians |
|---|-------------------|---------------------|----------------------------|------------------------|
| Population | 1,108,229 | 54,001 | 63,215 | 991,013 |
| Oahu | 836,231 | 53,549 | 62,621 | 720,061 |
| Other islands | 271,998 | 452 | 594 | 270,952 |
| Households | 356,748 | 28,548 | 1,794 | 326,406 |
| Families | 266,439 | 25,338 | 1,794 | 239,307 |
| Age (percent) | 100.0 | 100.0 | 100.0 | 100.0 |
| Under 18 years | 25.3 | (1) | 54.9 | 24.8 |
| 18 to 64 years | 63.5 | 100.0 | 44.3 | 62.7 |
| 65 years and over | 11.3 | (1) | 0.7 | 12.5 |
| Median age (years) | 33 | 27 | 15 | 35 |
| Male | 32 | 27 | 8 | 34 |
| Female | 34 | 27 | 23 | 35 |
| Female (percent) | 49.1 | 12.1 | 65.3 | 50.1 |
| Race 2/ (percent) | 100.0 | 100.0 | 100.0 | 100.0 |
| White | 33.4 | 70.6 | 61.9 | 29.6 |
| Black | 2.4 | 16.5 | 13.3 | 0.9 |
| American Indian, Eskimo, or Aleut | 0.5 | 1.0 | 0.8 | 0.5 |
| Asian or Pacific Islander | 61.9 | 7.7 | 20.2 | 67.5 |
| Other race | 1.7 | 4.2 | 3.8 | 1.5 |
| Hispanic origin | 7.1 | 7.7 | 8.9 | 7.0 |
| Foreign born (percent) | 14.7 | 5.6 | 9.8 | 15.5 |
| Persons per household | 3.00 | 1.21 | - | 2.98 |
| Persons per family | 3.47 | 1.16 | - | 3.48 |
| Persons in group quarters (percent) | 3.3 | 36.3 | 0.0 | 1.7 |
| Persons 15 years and over never married (percent) | 29.2 | 35.4 | 16.5 | 29.2 |
| Male | 33.8 | 35.0 | 51.2 | 33.4 |
| Female | 24.4 | 38.7 | 9.7 | 25.1 |
| Children ever born per 1,000 women: | | | | |
| 15 to 24 years | 289 | 216 | 591 | 257 |
| 25 to 34 years | 1,199 | 819 | 1,531 | 1,166 |
| 35 to 44 years | 1,812 | 1,189 | 2,096 | 1,800 |
| Residence in 1985 (percent) 3/: | | | | |
| Same house as 1990 | 50.9 | 6.1 | 10.1 | 55.7 |
| Different State | 16.3 | 77.6 | 64.3 | 10.2 |
| Abroad | 4.7 | 9.6 | 14.5 | 3.9 |

Continued on next page.

**Table 1.25-- POPULATION CHARACTERISTICS, BY
MILITARY STATUS: 1990 -- Con.**

| Subject | All groups | Armed Forces | Military dependents | Other civilians |
|--|-------------------|-------------------------|--------------------------------|----------------------------|
| Persons 3 years and over enrolled in school | 290,578 | 6,531 | 24,605 | 259,442 |
| Persons 25 years and over: | | | | |
| Percent high school graduate or higher | 80.1 | 98.6 | 95.2 | 63.9 |
| Percent bachelor's degree or higher | 22.9 | 24.1 | 21.3 | 22.9 |
| Persons 16 years and over in labor force (percent) | 70.4 | 100.0 | 63.4 | 68.6 |
| Female | 63.3 | 100.0 | 61.7 | 62.8 |
| Percent of civilian labor force unemployed | 3.5 | (X) | 7.8 | 3.4 |
| High-status workers (percent) 4/ | 25.6 | 18.0 | 22.7 | 26.5 |
| Median income in 1989 (dollars): | | | | |
| Households | 38,829 | 29,652 | 33,681 | 40,288 |
| Families | 43,176 | 34,283 | 37,763 | 51,165 |
| Income in 1989 below poverty level 5/ (percent): | | | | |
| Families | 6.0 | 2.7 | 0.7 | 6.4 |
| Persons | 8.3 | 2.4 | 4.2 | 8.7 |

X Not applicable.

1/ Less than 0.05 percent.

2/ Persons of mixed race classified by self-identification or by race of mother.

3/ For persons 5 years and over in 1990.

4/ Persons in executive, administrative, managerial, and professional specialty occupations as percent of all persons 16 years and over employed in civilian labor force.

5/ Data based on Mainland poverty thresholds. Hawaii thresholds are approximately 15 percent higher than those in effect on the Mainland; these data accordingly understate the extent of poverty in Hawaii.

Source: Hawaii State Department of Business, Economic Development & Tourism, *Population Characteristics of Hawaii by Military Status, 1990* (Statistical Report 227, December 1993), tables 2 and 3.

Table 1.26-- MILITARY PERSONNEL, DEPENDENTS, AND FAMILIES, BY SERVICE AND ISLAND: JULY 1, 2007

[Data for years prior to 2005 are found in Section 10 of the previous *Data Books*]

| Service and island | Personnel and dependents | Military personnel | | | | Dependents in Hawaii | Military families |
|--------------------|--------------------------|--------------------|---------------|-------------|--------------------|----------------------|-------------------|
| | | Total | Living ashore | | Living aboard ship | | |
| | | | In hsg. units | In barracks | | | |
| State total | 102,059 | 42,453 | (NA) | (NA) | 4,655 | 59,606 | (NA) |
| Air Force | 11,366 | 5,014 | (NA) | (NA) | - | 6,352 | 2,736 |
| Oahu | 11,299 | 4,989 | (NA) | (NA) | - | 6,310 | 2,721 |
| Hawaii | 8 | 2 | (NA) | (NA) | - | 6 | 2 |
| Maui | 59 | 23 | (NA) | (NA) | - | 36 | 13 |
| Army | 49,033 | 19,141 | 16,604 | 2,537 | - | 29,892 | 11,798 |
| Oahu | 49,021 | 19,138 | 16,601 | 2,537 | - | 29,883 | 11,795 |
| Hawaii | 12 | 3 | 3 | - | - | 9 | 3 |
| Coast Guard | 1/ 3,250 | 1/ 1,465 | 1,335 | 1/ 60 | 1/ 70 | 1,785 | (NA) |
| Oahu | 1/ 3,093 | 1/ 1,389 | 1,259 | 1/ 60 | 1/ 70 | 1,704 | (NA) |
| Hawaii | 51 | 25 | 25 | - | - | 26 | (NA) |
| Maui | 52 | 24 | 24 | - | - | 28 | (NA) |
| Kauai | 54 | 27 | 27 | - | - | 27 | (NA) |
| Marine Corps | 11,959 | 6,511 | 3,123 | 3,388 | - | 5,448 | 2,757 |
| Oahu | 11,959 | 6,511 | 3,123 | 3,388 | - | 5,448 | 2,757 |
| Navy 2/ | 26,451 | 10,322 | 6,452 | 2,561 | 4,585 | 16,129 | 6,982 |
| Oahu | (NA) | (NA) | 6,407 | 2,545 | 4,585 | 16,049 | 6,947 |
| Kauai | (NA) | (NA) | 45 | 16 | - | 80 | 35 |

NA Not available.

1/ Estimated.

2/ The total number of navy military personnel does not sum to the total of personnel living in housing units, in barracks and aboard ship. This is because navy personnel assigned to ships on a specified date may also have another place to live elsewhere in Hawaii. Therefore, they may be counted more than once in the type of residence columns. Total navy military personnel figure was obtained by adding the Department of Defense military personnel figure as of June 30 to the number of personnel living aboard ship which is from the DBEDT survey. Figures do not include personnel living in marine housing units.

Source: Hawaii State Department of Business, Economic Development & Tourism, annual survey of local commanding officers; and U.S. Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, *Active Duty Military Personnel Strengths by Regional Area and by Country (309A) June 30, 2007*

<<http://siadapp.dmdc.osd.mil/personnel/MILITARY/history/hst0706.pdf>>

accessed June 20, 2008; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 1.27-- MILITARY PERSONNEL BY ACCOMPANIMENT STATUS:
2006 AND 2007**

[Data for Oahu military personnel only]

| Service | Permanent party personnel 1/ | Military families | Military couples 2/ | Unaccompanied 3/ |
|----------------|-------------------------------------|--------------------------|----------------------------|-------------------------|
| 2006 total | 49,457 | 27,551 | 1,084 | 20,600 |
| Air Force | 5,165 | 3,083 | 392 | 1,690 |
| Army | 20,831 | 11,676 | 441 | 8,714 |
| Coast Guard | 1,236 | 720 | 30 | 486 |
| Marine Corps | 8,970 | 4,652 | 221 | 4,097 |
| Navy | 13,255 | 7,420 | - | 5,613 |
| 2007 total | 51,002 | 27,801 | 1,114 | 21,868 |
| Air Force 4/ | 5,165 | 3,083 | 392 | 1,690 |
| Army | 21,994 | 12,343 | 465 | 9,186 |
| Coast Guard | 1,236 | 720 | 30 | 486 |
| Marine Corps | 9,776 | 4,515 | 227 | 5,034 |
| Navy | 12,831 | 7,140 | - | 5,472 |

1/ The all service total and the Navy subtotal includes personnel living only aboard ship, which is not shown separately.

2/ Both the husband and wife are permanent-party military personnel and form one family. Only one spouse is counted in the military families column.

3/ Includes both single personnel as well as married personnel who do not have family members living with them.

4/ Estimated. Figures based on the assumption that there were no changes from the previous year.

Source: Robert D. Niehaus, Inc., records.

**Table 1.28-- RESIDENT POPULATION PROJECTIONS,
BY COUNTY: 2005 TO 2035**

[As of July 1. DBEDT 2035 Series]

| Type of population and year | State total | City and County of Honolulu | Other counties | | | |
|---|-------------|-----------------------------|----------------|---------|--------|---------|
| | | | Total | Hawaii | Kauai | Maui 1/ |
| Resident population 2/ 2005 3/ | 1,267,581 | 902,035 | 365,546 | 164,769 | 61,673 | 139,104 |
| 2010 | 1,332,880 | 932,120 | 400,770 | 185,850 | 65,340 | 149,580 |
| 2015 | 1,410,670 | 973,710 | 436,960 | 205,820 | 69,430 | 161,710 |
| 2020 | 1,482,390 | 1,010,370 | 472,020 | 225,000 | 73,520 | 173,500 |
| 2025 | 1,552,030 | 1,046,040 | 505,990 | 243,420 | 77,510 | 185,060 |
| 2030 | 1,619,870 | 1,080,700 | 539,170 | 261,340 | 81,370 | 196,460 |
| 2035 | 1,685,200 | 1,113,320 | 571,870 | 279,150 | 85,100 | 207,620 |
| Annual growth rate (%) | | | | | | |
| 2005-2010 3/ | 1.0 | 0.7 | 1.9 | 2.4 | 1.2 | 1.5 |
| 2010-2015 | 1.1 | 0.9 | 1.7 | 2.1 | 1.2 | 1.6 |
| 2015-2020 | 1.0 | 0.7 | 1.6 | 1.8 | 1.2 | 1.4 |
| 2020-2025 | 0.9 | 0.7 | 1.4 | 1.6 | 1.1 | 1.3 |
| 2025-2030 | 0.9 | 0.7 | 1.3 | 1.4 | 1.0 | 1.2 |
| 2030-2035 | 0.8 | 0.6 | 1.2 | 1.3 | 0.9 | 1.1 |
| Share of state resident population (percent): | | | | | | |
| 2005 3/ | 100.0 | 71.2 | 28.8 | 13.0 | 4.9 | 11.0 |
| 2010 | 100.0 | 69.9 | 30.1 | 13.9 | 4.9 | 11.2 |
| 2015 | 100.0 | 69.0 | 31.0 | 14.6 | 4.9 | 11.5 |
| 2020 | 100.0 | 68.2 | 31.8 | 15.2 | 5.0 | 11.7 |
| 2025 | 100.0 | 67.4 | 32.6 | 15.7 | 5.0 | 11.9 |
| 2030 | 100.0 | 66.7 | 33.3 | 16.1 | 5.0 | 12.1 |
| 2035 | 100.0 | 66.1 | 33.9 | 16.6 | 5.0 | 12.3 |

1/ Maui County including Kalawao County.

2/ The resident population is defined as the number of persons whose usual place of residence is in an area, regardless of physical location on the estimate or census date. It includes military personnel stationed or homeported in the area and residents temporarily absent, but excludes visitors present.

3/ Actual figure for July 1, 2005 from the U.S. Census Bureau.

Source: Hawaii State Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2035 - DBEDT 2035 Series*, Tables A-1 to A-6 (January 2008) <http://hawaii.gov/dbedt/info/economic/data_reports/2035LongRangeSeries/2035_Long_Range_Series_Appendix_Tables.xls> accessed May 18, 2008.

Table 1.29-- PROJECTED RESIDENT POPULATION, BY AGE AND SEX: 2005, 2015, 2025 AND 2035

[As of July 1. DBEDT 2035 Series. Figures by age group may not add up to totals due to rounding]

| Age group (in years) | 2005 1/ | | | 2015 | | | 2025 | | | 2035 | | |
|----------------------|------------|---------|---------|------------|---------|---------|------------|---------|---------|------------|---------|---------|
| | Both sexes | Male | Female |
| Total | 1,267,581 | 635,113 | 632,468 | 1,410,670 | 705,650 | 705,020 | 1,552,030 | 777,930 | 774,110 | 1,685,190 | 846,280 | 838,910 |
| Under 5 | 86,747 | 45,105 | 41,642 | 94,000 | 49,060 | 44,930 | 100,010 | 52,430 | 47,580 | 105,760 | 55,800 | 49,950 |
| 5 to 9 | 76,430 | 39,495 | 36,935 | 90,150 | 47,120 | 43,040 | 97,790 | 51,360 | 46,430 | 103,310 | 54,540 | 48,770 |
| 10 to 14 | 83,727 | 43,326 | 40,401 | 83,540 | 43,290 | 40,260 | 93,650 | 49,010 | 44,640 | 99,560 | 52,340 | 47,230 |
| 15 to 19 | 82,579 | 43,473 | 39,106 | 84,670 | 44,640 | 40,030 | 91,950 | 48,720 | 43,230 | 99,480 | 52,910 | 46,570 |
| 20 to 24 | 91,797 | 51,342 | 40,456 | 104,700 | 57,570 | 47,130 | 103,350 | 56,830 | 46,520 | 113,350 | 62,500 | 50,850 |
| 25 to 29 | 88,068 | 45,955 | 42,113 | 96,770 | 49,930 | 46,840 | 101,350 | 52,910 | 48,430 | 108,470 | 56,920 | 51,550 |
| 30 to 34 | 86,671 | 44,127 | 42,544 | 93,030 | 47,720 | 45,300 | 105,930 | 54,330 | 51,600 | 104,440 | 53,540 | 50,900 |
| 35 to 39 | 88,099 | 44,492 | 43,607 | 94,870 | 48,100 | 46,770 | 101,200 | 51,250 | 49,950 | 105,620 | 54,160 | 51,460 |
| 40 to 44 | 90,888 | 45,003 | 45,886 | 87,700 | 43,550 | 44,150 | 93,440 | 47,310 | 46,130 | 106,170 | 53,820 | 52,350 |
| 45 to 49 | 92,575 | 45,525 | 47,050 | 89,670 | 44,320 | 45,350 | 91,760 | 45,480 | 46,290 | 98,040 | 48,600 | 49,440 |
| 50 to 54 | 88,538 | 44,033 | 44,505 | 93,540 | 46,160 | 47,380 | 86,940 | 42,860 | 44,080 | 92,670 | 46,600 | 46,070 |
| 55 to 59 | 78,791 | 39,201 | 39,590 | 93,080 | 45,980 | 47,100 | 89,030 | 43,880 | 45,150 | 91,310 | 45,140 | 46,180 |
| 60 to 64 | 58,127 | 28,386 | 29,742 | 85,310 | 41,960 | 43,340 | 91,400 | 44,610 | 46,790 | 85,520 | 41,720 | 43,800 |
| 65 to 69 | 44,115 | 20,706 | 23,409 | 65,250 | 31,720 | 33,530 | 88,230 | 42,770 | 45,460 | 85,210 | 41,280 | 43,930 |
| 70 to 74 | 39,499 | 17,352 | 22,147 | 47,860 | 22,300 | 25,550 | 77,570 | 36,860 | 40,710 | 84,090 | 39,790 | 44,310 |
| 75 to 79 | 37,215 | 15,728 | 21,488 | 37,690 | 16,200 | 21,490 | 56,250 | 25,940 | 30,310 | 76,960 | 35,570 | 41,390 |
| 80 to 84 | 28,765 | 12,248 | 16,517 | 31,780 | 12,690 | 19,090 | 37,420 | 16,080 | 21,350 | 61,770 | 27,290 | 34,470 |
| 85 & over | 24,947 | 9,618 | 15,329 | 37,070 | 13,330 | 23,740 | 44,770 | 15,310 | 29,450 | 63,480 | 23,790 | 39,690 |

1/ Actual figure for July 1, 2005 from the U.S. Census Bureau.

Source: Hawaii State Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2035 - DBEDT 2035 Series* (January 2008) <http://hawaii.gov/dbedt/info/economic/data_reports/2035LongRangeSeries/2035_Long_Range_Series_Appendix_Tables.xls> accessed May 18, 2008.

Table 1.30-- RESIDENT POPULATION, BY AGE AND SEX: 1990 AND 2000

| Age | April 1, 1990 | | | April 1, 2000 | | |
|-------------------|---------------|---------|---------|---------------|---------|---------|
| | Both sexes | Male | Female | Both sexes | Male | Female |
| All ages | 1,108,229 | 563,891 | 544,338 | 1,211,537 | 608,671 | 602,866 |
| Under 5 years | 83,223 | 42,748 | 40,475 | 78,163 | 40,110 | 38,053 |
| 5 to 9 years | 80,907 | 41,579 | 39,328 | 84,980 | 43,739 | 41,241 |
| 10 to 14 years | 73,896 | 38,144 | 35,752 | 83,106 | 42,740 | 40,366 |
| 15 to 19 years | 72,491 | 38,097 | 34,394 | 81,002 | 42,200 | 38,802 |
| 20 to 24 years | 90,794 | 50,552 | 40,242 | 83,409 | 45,709 | 37,700 |
| 25 to 29 years | 100,178 | 52,738 | 47,440 | 84,000 | 44,016 | 39,984 |
| 30 to 34 years | 100,518 | 51,325 | 49,193 | 87,159 | 44,391 | 42,768 |
| 35 to 39 years | 95,782 | 48,955 | 46,827 | 95,935 | 48,760 | 47,175 |
| 40 to 44 years | 82,557 | 42,368 | 40,189 | 95,242 | 47,817 | 47,425 |
| 45 to 49 years | 61,963 | 31,253 | 30,710 | 90,404 | 45,130 | 45,274 |
| 50 to 54 years | 46,812 | 23,019 | 23,793 | 80,575 | 40,523 | 40,052 |
| 55 to 59 years | 45,375 | 21,087 | 24,288 | 60,561 | 29,905 | 30,656 |
| 60 to 64 years | 48,728 | 22,651 | 26,077 | 46,400 | 22,293 | 24,107 |
| 65 to 69 years | 45,584 | 21,848 | 23,736 | 42,847 | 19,503 | 23,344 |
| 70 to 74 years | 33,069 | 15,696 | 17,373 | 42,415 | 18,919 | 23,496 |
| 75 to 79 years | 22,694 | 11,255 | 11,439 | 35,386 | 16,020 | 19,366 |
| 80 to 84 years | 13,261 | 6,599 | 6,662 | 22,389 | 9,626 | 12,763 |
| 85 years and over | 10,397 | 3,977 | 6,420 | 17,564 | 7,270 | 10,294 |
| 5 to 17 | 196,903 | 101,530 | 95,373 | 217,604 | 112,115 | 105,489 |
| 18 to 24 | 121,185 | 66,842 | 54,343 | 114,893 | 62,273 | 52,620 |
| 25 to 44 | 379,035 | 195,386 | 183,649 | 362,336 | 184,984 | 177,352 |
| 45 to 64 | 202,878 | 98,010 | 104,868 | 277,940 | 137,851 | 140,089 |
| 16 years and over | 856,267 | 434,073 | 422,194 | 949,184 | 473,683 | 475,501 |
| 18 years and over | 828,103 | 419,613 | 408,490 | 915,770 | 456,446 | 459,324 |
| 21 years and over | 779,554 | 393,045 | 386,509 | 867,329 | 430,630 | 436,699 |
| 65 years and over | 125,005 | 59,375 | 65,630 | 160,601 | 71,338 | 89,263 |
| 85 years and over | 10,397 | 3,977 | 6,420 | 17,564 | 7,270 | 10,294 |
| Median age | 32.6 | 31.7 | 33.5 | 36.2 | 35.1 | 37.4 |

Source: U.S. Bureau of the Census, *1990 Census of Population, General Population Characteristics, Hawaii*, 1990 CP-1-13 (June 1992), table 17; U.S. Census Bureau, *Census 2000 Summary File 1 Hawaii* (July 25, 2001).

**Table 1.31-- RESIDENT POPULATION, BY AGE AND SEX:
2000 AND 2007**

[Includes military personnel stationed or homeported in Hawaii and residents temporarily absent; excludes visitors present. The 2007 estimates are provisional]

| Age group | April 1, 2000 1/ | | | July 1, 2007 | | |
|-------------------|------------------|---------|---------|--------------|---------|---------|
| | Both sexes | Male | Female | Both sexes | Male | Female |
| Total | 1,211,537 | 608,671 | 602,866 | 1,283,388 | 645,820 | 637,568 |
| Under 5 years | 78,163 | 40,110 | 38,053 | 86,690 | 45,367 | 41,323 |
| 5 to 9 years | 84,980 | 43,739 | 41,241 | 71,420 | 36,897 | 34,523 |
| 10 to 14 years | 83,106 | 42,740 | 40,366 | 77,473 | 39,990 | 37,483 |
| 15 to 19 years | 81,002 | 42,200 | 38,802 | 82,005 | 42,998 | 39,007 |
| 20 to 24 years | 83,409 | 45,709 | 37,700 | 91,518 | 50,716 | 40,802 |
| 25 to 29 years | 84,000 | 44,016 | 39,984 | 94,428 | 50,747 | 43,681 |
| 30 to 34 years | 87,159 | 44,391 | 42,768 | 84,751 | 44,071 | 40,680 |
| 35 to 39 years | 95,935 | 48,760 | 47,175 | 89,524 | 45,958 | 43,566 |
| 40 to 44 years | 95,242 | 47,817 | 47,425 | 88,745 | 44,786 | 43,959 |
| 45 to 49 years | 90,404 | 45,130 | 45,274 | 92,319 | 45,503 | 46,816 |
| 50 to 54 years | 80,575 | 40,523 | 40,052 | 90,664 | 44,668 | 45,996 |
| 55 to 59 years | 60,561 | 29,905 | 30,656 | 83,927 | 41,794 | 42,133 |
| 60 to 64 years | 46,400 | 22,293 | 24,107 | 65,930 | 32,586 | 33,344 |
| 65 to 69 years | 42,847 | 19,503 | 23,344 | 47,336 | 22,560 | 24,776 |
| 70 to 74 years | 42,415 | 18,919 | 23,496 | 39,484 | 17,679 | 21,805 |
| 75 to 79 years | 35,386 | 16,020 | 19,366 | 37,112 | 15,579 | 21,533 |
| 80 to 84 years | 22,389 | 9,626 | 12,763 | 30,661 | 12,702 | 17,959 |
| 85 and over | 17,564 | 7,270 | 10,294 | 29,401 | 11,219 | 18,182 |
| 5 to 17 | 217,604 | 112,115 | 105,489 | 199,004 | 102,907 | 96,097 |
| 18 to 24 | 114,893 | 62,273 | 52,620 | 123,412 | 67,694 | 55,718 |
| 25 to 44 | 362,336 | 184,984 | 177,352 | 357,448 | 185,562 | 171,886 |
| 45 to 64 | 277,940 | 137,851 | 140,089 | 332,840 | 164,551 | 168,289 |
| 16 years and over | 949,184 | 473,683 | 475,501 | 1,031,532 | 514,926 | 516,606 |
| 18 years and over | 915,770 | 456,446 | 459,324 | 997,694 | 497,546 | 500,148 |
| 21 years and over | 867,329 | 430,630 | 436,699 | 949,726 | 471,691 | 478,035 |
| 65 years and over | 160,601 | 71,338 | 89,263 | 183,994 | 79,739 | 104,255 |
| 85 years and over | 17,564 | 7,270 | 10,294 | 29,401 | 11,219 | 18,182 |
| Median age | 36.2 | 35.1 | 37.4 | 37.9 | 36.3 | 39.7 |
| Mean age | 37.0 | 36.1 | 38.0 | (NA) | (NA) | (NA) |

NA Not available.

1/ The April 1, 2000 Population Estimates base figures reflect changes to the Census 2000 population from the Count Question Resolution program and geographic program revisions.

Source: U.S. Census Bureau, Population Division, "Table 2: Annual Estimates of the Population by Sex and Age for Hawaii: April 1, 2000 to July 1, 2007" (SC-EST2007-02-15) (May 1, 2008)

<<http://www.census.gov/popest/states/asrh/tables/SC-EST2007-02-15.xls>> accessed

May 1, 2008 and "Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: July 1, 2007" (SC-EST2007-AGESEX-RES) (May 1, 2008)

<<http://www.census.gov/popest/datasets.html>> accessed May 1, 2008.

**Table 1.32-- POPULATION ESTIMATES BY AGE AND MILITARY STATUS:
2000 AND 2007**

[Total includes military personnel stationed or homeported in Hawaii and residents temporarily absent; excludes visitors present. The 2007 estimates are provisional]

| Age group | April 1, 2000 1/ | | | July 1, 2007 | | |
|-------------------|------------------|--------------------|-------------|--------------|--------------------|-------------|
| | Total | Military personnel | Civilian 2/ | Total | Military personnel | Civilian 2/ |
| Total | 1,211,537 | 44,320 | 1,167,217 | 1,283,388 | 34,895 | 1,248,493 |
| Under 5 years | 78,163 | - | 78,163 | 86,690 | - | 86,690 |
| 5 to 9 years | 84,980 | - | 84,980 | 71,420 | - | 71,420 |
| 10 to 14 years | 83,106 | - | 83,106 | 77,473 | - | 77,473 |
| 15 to 19 years | 81,002 | 3,691 | 77,311 | 82,005 | 1,363 | 80,642 |
| 20 to 24 years | 83,409 | 13,470 | 69,939 | 91,518 | 10,510 | 81,008 |
| 25 to 29 years | 84,000 | 8,517 | 75,483 | 94,428 | 8,332 | 86,096 |
| 30 to 34 years | 87,159 | 6,712 | 80,447 | 84,751 | 5,263 | 79,488 |
| 35 to 39 years | 95,935 | 6,800 | 89,135 | 89,524 | 4,567 | 84,957 |
| 40 to 44 years | 95,242 | 3,292 | 91,950 | 88,745 | 2,999 | 85,746 |
| 45 to 49 years | 90,404 | 1,256 | 89,148 | 92,319 | 1,310 | 91,009 |
| 50 to 54 years | 80,575 | 479 | 80,096 | 90,664 | 423 | 90,241 |
| 55 to 59 years | 60,561 | 101 | 60,460 | 83,927 | 104 | 83,823 |
| 60 to 64 years | 46,400 | 2 | 46,398 | 65,930 | 24 | 65,906 |
| 65 to 69 years | 42,847 | - | 42,847 | 47,336 | - | 47,336 |
| 70 to 74 years | 42,415 | - | 42,415 | 39,484 | - | 39,484 |
| 75 to 79 years | 35,386 | - | 35,386 | 37,112 | - | 37,112 |
| 80 to 84 years | 22,389 | - | 22,389 | 30,661 | - | 30,661 |
| 85 and over | 17,564 | - | 17,564 | 29,401 | - | 29,401 |
| 5 to 17 | 217,604 | 90 | 217,514 | 199,004 | 7 | 198,997 |
| 18 to 24 | 114,893 | 17,071 | 97,822 | 123,412 | 11,866 | 111,546 |
| 25 to 44 | 362,336 | 25,321 | 337,015 | 357,448 | 21,161 | 336,287 |
| 45 to 64 | 277,940 | 1,838 | 276,102 | 332,840 | 1,861 | 330,979 |
| 16 years and over | 949,184 | 44,320 | 904,864 | 1,031,532 | 34,895 | 996,637 |
| 18 years and over | 915,770 | 44,230 | 871,540 | 997,694 | 34,888 | 962,806 |
| 21 years and over | 867,329 | 37,618 | 829,711 | 949,726 | 31,808 | 917,918 |
| 65 years and over | 160,601 | - | 160,601 | 183,994 | - | 183,994 |
| 85 years and over | 17,564 | - | 17,564 | 29,401 | - | 29,401 |
| Median age | 36.2 | 27.8 | 36.9 | 37.9 | 28.0 | 38.6 |

1/ The April 1, 2000 Population Estimates base figures reflect changes to the Census 2000 population from the Count Question Resolution program and geographic program revisions.

2/ Includes military dependents.

Source: U.S. Census Bureau, Population Division, "Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: July 1, 2007" (SC-EST2007-AGESEX_RES) (May 1, 2008); "Annual Estimates of the Civilian Population by Single-Year of Age and Sex for the United States and States: July 1, 2007" (SC-EST2007-AGESEX-CIV) (May 1, 2008)

<<http://www.census.gov/popest/datasets.html>> accessed May 1, 2008; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.33-- RESIDENT POPULATION, BY AGE AND SEX, BY COUNTY: 2000

[Includes military personnel stationed or homeported in Hawaii and residents temporarily absent; excludes visitors present]

| Subject | State total | City and County of Honolulu | Other counties | | | |
|-----------------------|-------------|-----------------------------|----------------|---------|--------|---------|
| | | | Hawaii | Kalawao | Kauai | Maui |
| Total persons | 1,211,537 | 876,156 | 148,677 | 147 | 58,463 | 128,094 |
| Male | 608,671 | 440,518 | 74,499 | 73 | 29,252 | 64,329 |
| Female | 602,866 | 435,638 | 74,178 | 74 | 29,211 | 63,765 |
| Males per 100 females | 101.0 | 101.1 | 100.4 | 98.6 | 100.1 | 100.9 |
| Under 18 years | 295,767 | 208,758 | 38,852 | 3 | 15,443 | 32,711 |
| 18 to 64 years | 755,169 | 549,661 | 89,706 | 97 | 34,951 | 80,754 |
| 65 years and over | 160,601 | 117,737 | 20,119 | 47 | 8,069 | 14,629 |
| Percent: | | | | | | |
| Under 18 years | 24.4 | 23.8 | 26.1 | 2.0 | 26.4 | 25.5 |
| 18 to 64 years | 62.3 | 62.7 | 60.3 | 66.0 | 59.8 | 63.0 |
| 65 years and over | 13.3 | 13.4 | 13.5 | 32.0 | 13.8 | 11.4 |
| Median age (years) | 36.2 | 35.7 | 38.6 | 58.6 | 38.4 | 36.8 |
| In group quarters | 35,782 | 30,945 | 2,804 | - | 632 | 1,401 |
| Percent | 3.0 | 3.5 | 1.9 | 0.0 | 1.1 | 1.1 |

Source: U.S. Census Bureau, "Table DP-1. Profile of General Demographic Characteristics: 2000" (May 18, 2001).

**Table 1.34-- RESIDENT POPULATION BY SELECTED AGE GROUPS,
BY COUNTY: 2007**

[As of July 1. Includes military personnel stationed or homeported in Hawaii and residents temporarily absent; excludes visitors present. The 2007 estimates are provisional]

| Age group | State total | City and County of Honolulu | Other counties | | |
|---------------------|-------------|-----------------------------|----------------|--------|---------|
| | | | Hawaii | Kauai | Maui 1/ |
| Total persons | 1,283,388 | 905,601 | 173,057 | 62,828 | 141,902 |
| Under 5 | 86,690 | 62,292 | 11,281 | 3,956 | 9,161 |
| 5 to 13 | 132,775 | 93,047 | 17,929 | 6,631 | 15,168 |
| 14 to 17 | 66,229 | 45,215 | 9,779 | 3,624 | 7,611 |
| 18 to 24 | 123,412 | 91,260 | 16,405 | 5,037 | 10,710 |
| 16 years and over | 1,031,532 | 728,078 | 139,087 | 50,465 | 113,902 |
| 18 years and over | 997,694 | 705,047 | 134,068 | 48,617 | 109,962 |
| 15 to 44 | 530,971 | 378,698 | 69,675 | 24,077 | 58,521 |
| 45 to 64 | 332,840 | 226,078 | 48,378 | 18,083 | 40,301 |
| 65 years and over | 183,994 | 134,509 | 23,429 | 9,207 | 16,849 |
| 85 years and over | 29,401 | 21,766 | 3,483 | 1,584 | 2,568 |
| Under 18 years | 285,694 | 200,554 | 38,989 | 14,211 | 31,940 |
| 18 to 64 years 2/ | 813,700 | 570,538 | 110,639 | 39,410 | 93,113 |
| 65 years and over | 183,994 | 134,509 | 23,429 | 9,207 | 16,849 |
| Percent: | | | | | |
| Under 18 years | 22.3 | 22.1 | 22.5 | 22.6 | 22.5 |
| 18 to 64 years | 63.4 | 63.0 | 63.9 | 62.7 | 65.6 |
| 65 years and over | 14.3 | 14.9 | 13.5 | 14.7 | 11.9 |
| Dependency ratio 3/ | 58 | 59 | 56 | 59 | 52 |

1/ Maui County including Kalawao County.

2/ Calculated by the Hawaii State Department of Business, Economic Development & Tourism as a residual of the "under 18 years" and the "65 years and over" age groupings deducted from the total population figure.

3/ Number of dependent persons (persons under 18 years and persons 65 years and over) as a proportion of the working population (persons between the ages of 18 and 64 years old). A dependency ratio of 60 means that there are 60 dependent people to every 100 working-age person.

Source: U.S. Census Bureau, Population Estimates Branch, "Annual Estimates of the Resident Population by Selected Age Groups and Sex for Counties in Hawaii: April 1, 2000 to July 1, 2007" (CC-EST2007-AGESEX-15) (August 7, 2008) <<http://www.census.gov/popest/datasets.html>> accessed August 7, 2008; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.35-- RESIDENT POPULATION BY AGE, BY COUNTY: 2007

[As of July 1. Based on place of usual residence, regardless of physical location on the estimate or census date. Includes military personnel stationed or homeported in Hawaii and residents temporarily absent; excludes visitors present. The 2007 estimates are provisional]

| Age group | State total | City and County of Honolulu | Hawaii County | Kauai County | Maui County 1/ |
|-------------------|-------------|-----------------------------|---------------|--------------|----------------|
| Total | 1,283,388 | 905,601 | 173,057 | 62,828 | 141,902 |
| Under 5 years | 86,690 | 62,292 | 11,281 | 3,956 | 9,161 |
| 5 to 9 years | 71,420 | 50,370 | 9,467 | 3,430 | 8,153 |
| 10 to 14 years | 77,473 | 53,654 | 10,827 | 4,075 | 8,917 |
| 15 to 19 years | 82,005 | 57,515 | 11,757 | 4,230 | 8,503 |
| 20 to 24 years | 91,518 | 67,983 | 12,062 | 3,557 | 7,916 |
| 25 to 29 years | 94,428 | 64,677 | 14,397 | 4,456 | 10,898 |
| 30 to 34 years | 84,751 | 60,834 | 10,481 | 3,608 | 9,828 |
| 35 to 39 years | 89,524 | 64,344 | 10,390 | 3,996 | 10,794 |
| 40 to 44 years | 88,745 | 63,345 | 10,588 | 4,230 | 10,582 |
| 45 to 49 years | 92,319 | 63,258 | 12,570 | 4,777 | 11,714 |
| 50 to 54 years | 90,664 | 60,927 | 13,474 | 5,106 | 11,157 |
| 55 to 59 years | 83,927 | 56,239 | 12,881 | 4,806 | 10,001 |
| 60 to 64 years | 65,930 | 45,654 | 9,453 | 3,394 | 7,429 |
| 65 to 69 years | 47,336 | 33,638 | 6,264 | 2,501 | 4,933 |
| 70 to 74 years | 39,484 | 28,738 | 5,230 | 1,823 | 3,693 |
| 75 to 79 years | 37,112 | 27,551 | 4,668 | 1,797 | 3,096 |
| 80 to 84 years | 30,661 | 22,816 | 3,784 | 1,502 | 2,559 |
| 85 years or more | 29,401 | 21,766 | 3,483 | 1,584 | 2,568 |
| 5 to 19 | 230,898 | 161,539 | 32,051 | 11,735 | 25,573 |
| 20 to 24 | 91,518 | 67,983 | 12,062 | 3,557 | 7,916 |
| 25 to 44 | 357,448 | 253,200 | 45,856 | 16,290 | 42,102 |
| 45 to 64 | 332,840 | 226,078 | 48,378 | 18,083 | 40,301 |
| 65 years and over | 183,994 | 134,509 | 23,429 | 9,207 | 16,849 |
| 85 years and over | 29,401 | 21,766 | 3,483 | 1,584 | 2,568 |
| Median age | 37.9 | 37.7 | 38.0 | 40.1 | 38.4 |

1/ Maui County includes Kalawao County.

Source: U.S. Census Bureau, Population Division, "Annual County Resident Population Estimates by Age, Sex, Race, and Hispanic Origin: April 1, 2000 to July 1, 2007" (CC-EST2007-ALLDATA-15) (August 7, 2008) <<http://www.census.gov/popest/datasets.html>> accessed August 7, 2008; tabulations and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.36-- DIFFERENCE IN POPULATION BY MAJOR RACE: 1990 AND 2000

| Subject | 1990 Census | | 2000 Census | | Difference between 1990 and 2000 | | | |
|--|-------------|-----------------------------|---------------|---------------------------------|--|------------------------------------|--|------------------------------------|
| | Number | Percent of total population | Race alone 1/ | Race alone or in combination 2/ | Using race alone for Census 2000 | | Using race alone or in combination for Census 2000 | |
| | | | | | Numerical difference (2000 minus 1990) | Percent difference (based on 1990) | Numerical difference (2000 minus 1990) | Percent difference (based on 1990) |
| Total population 3/ | 1,108,229 | 100.0 | 1,211,537 | 1,211,537 | 103,308 | 9.3 | 103,308 | 9.3 |
| White | 369,616 | 33.4 | 294,102 | 476,162 | -75,514 | -20.4 | 106,546 | 28.8 |
| Black or African American | 27,195 | 2.5 | 22,003 | 33,343 | -5,192 | -19.1 | 6,148 | 22.6 |
| American Indian and Alaska Native | 5,099 | 0.5 | 3,535 | 24,882 | -1,564 | -30.7 | 19,783 | 388.0 |
| Asian | 522,967 | 47.2 | 503,868 | 703,232 | -19,099 | -3.7 | 180,265 | 34.5 |
| Native Hawaiian and Other Pacific Islander | 162,269 | 14.6 | 113,539 | 282,667 | -48,730 | -30.0 | 120,398 | 74.2 |
| Some other races | 21,083 | 1.9 | 15,147 | 47,603 | -5,936 | -28.2 | 26,520 | 125.8 |

1/ One of the following six categories: (a) White, (b) Black or African American, (c) American Indian and Alaska Native, (d) Asian, (e) Native Hawaiian and Other Pacific Islander (f) Some other race. If a person selected two or more detailed races within the same major race category, the person is counted under the "race alone" category for that major race. For example, if a person selected Japanese and Chinese, they are counted under the Asian "race alone" category.

2/ Alone or in combination with one or more of the other six categories listed in footnote 1. Numbers for the six categories may add to more than the total population, and the six percentages may add to more than 100 percent because individuals may be of more than one race. For example, a person indicating "American Indian and Alaska Native *and* Asian *and* Native Hawaiian and Other Pacific Islander" is included with American Indian and Alaska Native, with Asian, and with Native Hawaiian and Other Pacific Islander.

3/ The differences between 1990 and 2000 for the total population are not affected by whether data on race are for race alone or for race alone or in combination.

Source: U.S. Census Bureau, Census 2000 Redistricting Data (P.L. 94-171) Summary File (March 19, 2001).

Table 1.37-- RACE AND HISPANIC ORIGIN, BY COUNTY: 2000

| Race and Hispanic origin | State total | City and County of Honolulu | Hawaii County | Kauai County | Maui County 1/ |
|---|--------------------|------------------------------------|----------------------|---------------------|-----------------------|
| State total | 1,211,537 | 876,156 | 148,677 | 58,463 | 128,241 |
| One race | 952,194 | 701,532 | 106,389 | 44,525 | 99,748 |
| White | 294,102 | 186,484 | 46,904 | 17,255 | 43,459 |
| Black or African American | 22,003 | 20,619 | 698 | 177 | 509 |
| American Indian and Alaska Native | 3,535 | 2,178 | 666 | 212 | 479 |
| Asian 2/ | 503,868 | 403,371 | 39,702 | 21,042 | 39,753 |
| Native Hawaiian and Other Pacific Islander 3/ | 113,539 | 77,680 | 16,724 | 5,334 | 13,801 |
| Some other race | 15,147 | 11,200 | 1,695 | 505 | 1,747 |
| Two or more races | 259,343 | 174,624 | 42,288 | 13,938 | 28,493 |
| Race alone or in combination with one or more other races: 4/ | | | | | |
| White | 476,162 | 308,838 | 77,477 | 27,113 | 62,734 |
| Black or African American | 33,343 | 29,764 | 1,789 | 518 | 1,272 |
| American Indian and Alaska Native | 24,882 | 15,921 | 4,847 | 1,376 | 2,738 |
| Asian | 703,232 | 539,384 | 70,921 | 31,752 | 61,175 |
| Native Hawaiian and Other Pacific Islander | 282,667 | 189,292 | 46,111 | 14,171 | 33,093 |
| Some other race | 47,603 | 32,003 | 7,271 | 2,445 | 5,884 |
| Hispanic or Latino and Race | | | | | |
| Hispanic or Latino (of any race) | 87,699 | 58,729 | 14,111 | 4,803 | 10,056 |
| Mexican | 19,820 | 13,362 | 2,635 | 935 | 2,888 |
| Puerto Rican | 30,005 | 18,933 | 6,243 | 1,539 | 3,290 |
| Cuban | 711 | 525 | 79 | 42 | 65 |
| Other Hispanic or Latino | 37,163 | 25,909 | 5,154 | 2,287 | 3,813 |
| Not Hispanic or Latino | 1,123,838 | 817,427 | 134,566 | 53,660 | 118,185 |
| White alone | 277,091 | 175,633 | 44,223 | 16,284 | 40,951 |

1/ Maui County includes Kalawao County (Kalaupapa Settlement). Kalawao had 147 inhabitants in 2000.

2/ Includes persons selecting one race and it was an Asian race as well as persons selecting two or more races of which all were Asian races.

3/ Includes persons selecting one race and it was an "Native Hawaiian and Other Pacific Islander" race as well as persons selecting two or more races of which all were "Native Hawaiian and Other Pacific Islander" races.

4/ In combination with one or more of the other races listed. The six numbers may add to more than the total population because individuals may report more than one race.

Source: U.S. Census Bureau, Census 2000 Redistricting Data (P.L. 94-171) Summary File (March 19, 2001).

Table 1.38-- RANKING OF RACES: 2000

| Race | Race alone 1/ | Race | Race alone or in combination 2/ |
|---------------------------------------|---------------|---------------------------------------|---------------------------------|
| White | 294,102 | White | 476,162 |
| Japanese | 201,764 | Japanese | 296,674 |
| Filipino | 170,635 | Filipino | 275,728 |
| Native Hawaiian | 80,137 | Native Hawaiian | 239,655 |
| Chinese 3/ | 56,600 | Chinese 3/ | 170,803 |
| Korean | 23,537 | Korean | 41,352 |
| Black or African American | 22,003 | Black or African American | 33,343 |
| Samoan | 16,166 | Samoan | 28,184 |
| Vietnamese | 7,867 | American Indian and Alaska Native | 24,882 |
| Other Micronesian | | Vietnamese | 10,040 |
| (exc. Guamanian or Chamorro) | 6,492 | Other Asian | 10,020 |
| Tongan | 3,993 | Other Micronesian | |
| American Indian and Alaska Native | 3,535 | (exc. Guamanian or Chamorro) | 8,401 |
| Other Asian | 3,418 | Tongan | 5,988 |
| Laotian | 1,842 | Other Pacific Islander, not specified | 5,059 |
| Guamanian or Chamorro | 1,663 | Guamanian or Chamorro | 4,221 |
| Asian Indian | 1,441 | Asian Indian | 3,145 |
| Thai | 1,259 | Other Polynesian | |
| Other Pacific Islander, not specified | 872 | (exc. Native Haw, Samoan, Tongan) | 3,019 |
| Other Polynesian | | Laotian | 2,437 |
| (exc. Native Haw, Samoan, Tongan) | 588 | Thai | 2,284 |
| Indonesian | 292 | Indonesian | 709 |
| Cambodian | 235 | Fijian | 459 |
| Fijian | 214 | Malaysian | 354 |
| Malaysian | 115 | Cambodian | 330 |
| Sri Lankan | 114 | Sri Lankan | 176 |
| Pakistani | 35 | Pakistani | 97 |
| Other Melanesian (exc. Fijian) | 26 | Other Melanesian (exc. Fijian) | 44 |
| Hmong | 20 | Hmong | 22 |
| Bangladeshi | 6 | Bangladeshi | 10 |

1/ People who chose only one race.

2/ People who chose only one race or those who have chosen two or more races. Numbers for the "race alone or in combination" column may add to more than the total population. For example, a person indicating "White *and* Japanese *and* Native Hawaiian" is included in the White, Japanese, and Native Hawaiian race categories.

3/ For the Census 2000, in the category of "Race alone" for Chinese, there were 777 Taiwanese and in the category of "Race alone or in combination" for Chinese, there were 1,056 Taiwanese.

Source: U.S. Census Bureau, Summary File 1 Hawaii (July 25, 2001).

Table 1.39-- DIFFERENCE IN POPULATION BY DETAILED ASIAN RACE: 1990 AND 2000

| Subject | 1990 Census | | 2000 Census | | Difference between 1990 and 2000 | | | |
|------------------------|-------------|-----------------------------|---------------|---------------------------------|--|------------------------------------|--|------------------------------------|
| | Number | Percent of total population | Race alone 1/ | Race alone or in combination 2/ | Using race alone for Census 2000 | | Using race alone or in combination for Census 2000 | |
| | | | | | Numerical difference (2000 minus 1990) | Percent difference (based on 1990) | Numerical difference (2000 minus 1990) | Percent difference (based on 1990) |
| Total population | 1,108,229 | 100.0 | 1,211,537 | 1,211,537 | 103,308 | 9.3 | 103,308 | 9.3 |
| Total Asian population | 522,967 | 47.2 | 3/ 469,180 | (X) | -53,787 | -10.3 | (X) | (X) |
| Chinese 4/ | 68,804 | 6.2 | 56,600 | 170,803 | -12,204 | -17.7 | 101,999 | 148.2 |
| Filipino | 168,682 | 15.2 | 170,635 | 275,728 | 1,953 | 1.2 | 107,046 | 63.5 |
| Japanese | 247,486 | 22.3 | 201,764 | 296,674 | -45,722 | -18.5 | 49,188 | 19.9 |
| Korean | 24,454 | 2.2 | 23,537 | 41,352 | -917 | -3.7 | 16,898 | 69.1 |
| Vietnamese | 5,468 | 0.5 | 7,867 | 10,040 | 2,399 | 43.9 | 4,572 | 83.6 |
| Other Asian | 8,073 | 0.7 | 8,777 | 19,584 | 704 | 8.7 | 11,511 | 142.6 |

X Not applicable.

1/ People who chose only one race and it was an "Asian" race. An "Asian" is a person having origins in any of the original peoples of the Far East, Southeast Asia or the Indian subcontinent.

2/ People who chose only one race or people who have chosen two or more races, one of which is an "Asian" race. Numbers for the detailed Asian race groups may add to more than the total Asian population, and the percentages may add to more than 100 percent because individuals may be of more than one detailed Asian race. For example, a person indicating "Filipino and Japanese and Laotian" is included with the Filipino, Japanese and Laotian categories.

3/ Does not match "Asian" total for five major races found in Table 1.35 due to the difference in counting methodology.

4/ For the Census 2000, in the category of "Race alone" for Chinese, there were 777 Taiwanese and in the category of "Race alone or in combination" for Chinese, there were 1,056 Taiwanese. There were no separate categories for "Chinese, except Taiwanese" and "Taiwanese" in the 1990 Census.

Source: U.S. Census Bureau, Summary File 1 Hawaii (July 25, 2001); calculations by the Hawaii State Department of Business, Economic Development and Tourism, Hawaii State Data Center.

**Table 1.40-- DIFFERENCE IN POPULATION BY DETAILED NATIVE HAWAIIAN
AND OTHER PACIFIC ISLANDER RACE: 1990 AND 2000**

| Subject | 1990 Census | | 2000 Census | | Difference between 1990 and 2000 | | | |
|---|-------------|-----------------------------|---------------|---------------------------------|--|------------------------------------|--|------------------------------------|
| | Number | Percent of total population | Race alone 1/ | Race alone or in combination 2/ | Using race alone for Census 2000 | | Using race alone or in combination for Census 2000 | |
| | | | | | Numerical difference (2000 minus 1990) | Percent difference (based on 1990) | Numerical difference (2000 minus 1990) | Percent difference (based on 1990) |
| Total population | 1,108,229 | 100.0 | 1,211,537 | 1,211,537 | 103,308 | 9.3 | 103,308 | 9.3 |
| Total Native Hawaiian and Other Pacific Islander population | 162,269 | 14.6 | 3/ 110,151 | (X) | -52,118 | -32.1 | (X) | (X) |
| Polynesian | 157,749 | 14.2 | 100,884 | 276,846 | -56,865 | -36.0 | 119,097 | 75.5 |
| Native Hawaiian | 138,742 | 12.5 | 80,137 | 239,655 | -58,605 | -42.2 | 100,913 | 72.7 |
| Samoan | 15,034 | 1.4 | 16,166 | 28,184 | 1,132 | 7.5 | 13,150 | 87.5 |
| Tongan | 3,088 | 0.3 | 3,993 | 5,988 | 905 | 29.3 | 2,900 | 93.9 |
| Other Polynesian | 885 | 0.1 | 588 | 3,019 | -297 | -33.6 | 2,134 | 241.1 |
| Micronesian | 3,968 | 0.4 | 8,155 | 12,622 | 4,187 | 105.5 | 8,654 | 218.1 |
| Guamanian or Chamorro | 2,120 | 0.2 | 1,663 | 4,221 | -457 | -21.6 | 2,101 | 99.1 |
| Melanesian | 291 | 0.0 | 240 | 503 | -51 | -17.5 | 212 | 72.9 |
| Other Pacific Islander, not specified | 261 | 0.0 | 872 | 5,059 | 611 | 234.1 | 4,798 | 1,838.3 |

X Not applicable.

1/ People who chose only one race and it was a "Native Hawaiian and Other Pacific Islander" race. A "Native Hawaiian and Other Pacific Islander" is a person having origins in any of the original peoples of the Hawaii, Guam, Samoa, or other Pacific Islands.

2/ People who chose only one race or those who have chosen two or more races, one of which is a "Native Hawaiian and Other Pacific Islander" (NHOPI) race. Numbers for detailed NHOPI race groups may add to more than the total NHOPI population, and the percentages may add to more than 100% because individuals may be of more than one detailed NHOPI race, e.g., a person indicating "Native Hawaiian and Samoan and Chamorro" is included with the Native Hawaiian, Samoan and Chamorro categories.

3/ Does not match the "Native Hawaiian and Other Pacific Islander" total for five major races in Table 1.35 due to the difference in counting methodology.

Source: U.S. Census Bureau, Summary File 1 Hawaii (July 25, 2001); calculations by the Hawaii State Department of Business, Economic Development and Tourism, Hawaii State Data Center.

Table 1.41-- ETHNIC STOCK BY COUNTY: 2004

[Excludes persons in institutions, military barracks, households without telephones, the homeless, and Ni`ihau. Sample survey consisted of 19,699 people. Data were provisionally weighted based on the Census 2000 data]

| Ethnic stock 1/ | State total | City and County of Honolulu | Hawaii County | Kauai County | Maui County |
|----------------------------|--------------------|------------------------------------|----------------------|---------------------|--------------------|
| All groups | 1,234,461 | 873,167 | 161,149 | 61,340 | 138,805 |
| Unmixed (except Hawaiian) | 750,106 | 548,894 | 82,235 | 36,242 | 82,735 |
| Caucasian | 317,322 | 200,015 | 49,181 | 17,520 | 50,606 |
| Black | 11,190 | 10,550 | 136 | 90 | 414 |
| Japanese | 216,849 | 176,713 | 19,247 | 8,154 | 12,734 |
| Chinese | 48,359 | 45,750 | 1,403 | 426 | 781 |
| Filipino | 140,520 | 102,892 | 10,777 | 9,937 | 16,913 |
| Korean | 8,938 | 7,833 | 667 | 115 | 324 |
| Samoaan/Tongan | 6,929 | 5,140 | 824 | (2/) | 964 |
| Mixed (except Hawaiian) 3/ | 239,599 | 171,964 | 30,904 | 12,080 | 24,651 |
| Hawaiian/part Hawaiian | 244,756 | 152,309 | 48,010 | 13,018 | 31,419 |

1/ Ethnicity is based on the ethnicity of the father and mother (four possible listings for each parent). Definitions used in this table differ from those in reports by the U.S. Census Bureau. In the 1980 and 1990 census tabulations, a person's ethnicity was determined by self-identification or by the race of the mother, thus mixed race was not a separate category. For the Census 2000, people were allowed to select more than one race.

2/ There were no individuals in this ethnic group in the sample.

3/ Includes other ethnicities not listed, don't know, refused or missing (62,455). The figure shown is the weighted figure.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, special tabulation from the Hawaii Health Survey.

Table 1.42-- ETHNIC STOCK BY COUNTY: 2005

[Excludes persons in institutions, military barracks, households without telephones, the homeless, and Ni`ihau. Sample survey consisted of 19,309 people. Data was provisionally weighted based on the Census 2000 data]

| Ethnic stock 1/ | State total | City and County of Honolulu | Hawaii County | Kauai County | Maui County |
|----------------------------|--------------------|------------------------------------|----------------------|---------------------|--------------------|
| All groups | 1,245,050 | 878,934 | 164,502 | 62,322 | 139,293 |
| Unmixed (except Hawaiian) | 730,762 | 522,141 | 89,089 | 36,590 | 82,942 |
| Caucasian | 314,605 | 190,755 | 55,951 | 20,370 | 47,528 |
| Black | 11,685 | 10,689 | 538 | 213 | 244 |
| Japanese | 205,017 | 168,604 | 18,777 | 6,347 | 11,290 |
| Chinese | 40,275 | 37,610 | 1,259 | 313 | 1,093 |
| Filipino | 140,935 | 99,353 | 11,407 | 9,174 | 21,001 |
| Korean | 7,997 | 6,879 | 514 | 173 | 430 |
| Samoa/Tongan | 10,249 | 8,251 | 643 | (2/) | 1,355 |
| Mixed (except Hawaiian) 3/ | 240,797 | 177,967 | 30,201 | 10,594 | 22,035 |
| Hawaiian/part Hawaiian | 273,491 | 178,826 | 45,212 | 15,138 | 34,316 |

1/ Ethnicity is based on the ethnicity of the father and mother (four possible listings for each parent). Definitions used in this table differ from those in reports by the U.S. Census Bureau. In the 1980 and 1990 census tabulations, a person's ethnicity was determined by self-identification or by the race of the mother, thus mixed race was not a separate category. For the Census 2000, people were allowed to select more than one race.

2/ Revised from previous *Data Book*. There were too few cases to be reliable so the data was not presented.

3/ Includes other ethnicities not listed, don't know, refused or missing (63,282). The figure shown is the weighted figure.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, special tabulation from the Hawaii Health Survey.

Table 1.43-- ETHNIC STOCK BY COUNTY: 2006

[Excludes persons in institutions, military barracks, households without telephones, the homeless, and Ni`ihau. Sample survey consisted of 16,007 people. Data were provisionally weighted based on the Census 2000 data]

| Ethnic stock 1/ | State total | City and County of Honolulu | Hawaii County | Kauai County | Maui County |
|----------------------------|--------------------|------------------------------------|----------------------|---------------------|--------------------|
| All groups | 1,250,506 | 882,278 | 166,459 | 62,363 | 139,406 |
| Unmixed (except Hawaiian) | 718,065 | 516,497 | 83,058 | 37,851 | 80,658 |
| Caucasian | 303,435 | 185,278 | 49,832 | 19,827 | 48,499 |
| Black | 8,834 | 8,179 | 263 | 71 | 321 |
| Japanese | 203,972 | 164,897 | 18,176 | 7,713 | 13,186 |
| Chinese | 41,908 | 38,885 | 1,519 | 671 | 833 |
| Filipino | 131,215 | 93,807 | 12,005 | 9,458 | 15,946 |
| Korean | 10,499 | 9,469 | 650 | 27 | 353 |
| Samoa/Tongan | 18,202 | 15,982 | 614 | 85 | 1,519 |
| Mixed (except Hawaiian) 2/ | 244,178 | 175,858 | 34,035 | 11,968 | 22,317 |
| Hawaiian/part Hawaiian | 288,263 | 189,923 | 49,366 | 12,544 | 36,431 |

1/ Ethnicity is based on the ethnicity of the father and mother (four possible listings for each parent). Definitions used in this table differ from those in reports by the U.S. Census Bureau. In the 1980 and 1990 census tabulations, a person's ethnicity was determined by self-identification or by the race of the mother, thus mixed race was not a separate category. For the Census 2000, people were allowed to select more than one race.

2/ Includes other ethnicities not listed, don't know, refused or missing (62,397). The figure shown is the weighted figure.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, special tabulation from the Hawaii Health Survey.

Table 1.44-- ETHNIC STOCK BY COUNTY: 2007

[Excludes persons in institutions, military barracks, households without telephones, the homeless, and Ni`ihau. Sample survey consisted of 17,451 people. Data were provisionally weighted based on the Census 2000 data]

| Ethnic stock 1/ | State total | City and County of Honolulu | Hawaii County | Kauai County | Maui County |
|----------------------------|--------------------|------------------------------------|----------------------|---------------------|--------------------|
| All groups | 1,269,419 | 888,399 | 175,390 | 63,447 | 142,182 |
| Unmixed (except Hawaiian) | 706,953 | 502,363 | 89,705 | 36,582 | 78,302 |
| Caucasian | 292,686 | 169,477 | 54,953 | 19,800 | 48,456 |
| Black | 8,418 | 7,618 | 510 | 86 | 204 |
| Japanese | 198,506 | 158,959 | 19,648 | 7,322 | 12,576 |
| Chinese | 45,037 | 43,351 | 836 | 378 | 473 |
| Filipino | 142,287 | 105,242 | 13,151 | 8,673 | 15,220 |
| Korean | 7,345 | 6,678 | 215 | 58 | 394 |
| Samoa/Tongan | 12,673 | 11,037 | 391 | 265 | 979 |
| Mixed (except Hawaiian) 2/ | 254,925 | 185,595 | 32,211 | 11,625 | 25,494 |
| Hawaiian/part Hawaiian | 307,541 | 200,441 | 53,474 | 15,240 | 38,386 |

1/ Ethnicity is based on the ethnicity of the father and mother (four possible listings for each parent). Definitions used in this table differ from those in reports by the U.S. Census Bureau. In the 1980 and 1990 census tabulations, a person's ethnicity was determined by self-identification or by the race of the mother, thus mixed race was not a separate category. For the Census 2000, people were allowed to select more than one race.

2/ Includes other ethnicities not listed, don't know, refused or missing (65,453). The figure shown is the weighted figure.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, special tabulation from the Hawaii Health Survey.

**Table 1.45-- HAWAIIANS LIVING IN HAWAII OR OTHER STATES:
1990 AND 2000**

| Place of residence | 1990 Census | 2000 Census | | Percent change between 1990 and 2000 | |
|------------------------|-------------|---------------|---------------------------------|--------------------------------------|---|
| | | Race alone 1/ | Race alone or in combination 2/ | Using 2000 race alone | Using 2000 race alone or in combination |
| Hawaiians in U.S. | 211,014 | 140,652 | 401,162 | -33.3 | 90.1 |
| Living in Hawaii | 138,742 | 80,137 | 239,655 | -42.2 | 72.7 |
| Living in other States | 48,847 | 60,515 | 161,507 | 23.9 | 230.6 |
| California | 34,447 | 20,571 | 60,048 | -40.3 | 74.3 |
| Washington | 5,423 | 4,883 | 13,507 | -10.0 | 149.1 |
| Nevada | 1,534 | 3,471 | 8,264 | 126.3 | 438.7 |
| Texas | 2,979 | 3,475 | 7,775 | 16.6 | 161.0 |
| Oregon | 2,415 | 2,244 | 6,366 | -7.1 | 163.6 |
| Florida | 2,049 | 2,131 | 5,285 | 4.0 | 157.9 |
| Rest of U.S. | 23,425 | 23,740 | 60,262 | 1.3 | 157.3 |

1/ People who chose only one race and it was "Native Hawaiian".

2/ People who chose only one race or those who have chosen two or more races, one of which is a "Native Hawaiian". Numbers for race groups may add to more than the total population because individuals may be of more than one race, i.e., a person indicating "Native Hawaiian and Samoan and Chinese" is included with the Native Hawaiian, Samoan and Chinese categories.

Source: U.S. Bureau of the Census, *1990 Census of Population, General Population Characteristics, U.S.*, 1990 CP-1-1 (Nov. 1992), table 253 and U.S. Census Bureau, *Census 2000 Summary File 1 Hawaii* (July 25, 2001).

Table 1.46-- ANCESTRY: 2000

| Ancestry group | Persons | Ancestry group | Persons |
|---------------------------|-----------|---------------------------|-----------|
| Total responses 1/ | 1,373,593 | Norwegian | 9,632 |
| Czech 2/ | 2,437 | Polish | 10,770 |
| Danish | 3,058 | Portuguese | 48,527 |
| Dutch | 7,221 | Russian | 4,930 |
| English | 51,653 | Scotch-Irish | 9,100 |
| French (except Basque) 2/ | 17,818 | Scottish | 13,014 |
| German | 70,384 | Swedish | 8,985 |
| Irish 2/ | 53,005 | United States or American | 17,045 |
| Italian | 22,094 | Welsh | 3,919 |
| | | Not reported | 1,020,001 |

1/ There were 1,373,593 ancestries reported, single or multiple. Total population was 1,211,537 persons.

2/ Data represent a combination of two ancestries shown separately in Summary File 3. Czech includes Czechoslovakian. French includes Alsatian, but excludes French Canadian and Acadian/Cajun. Irish includes Celtic.

Source: U.S. Census Bureau, Census 2000 Table DP-2 "Profile of Selected Social Characteristics: 2000" (May 2002) <<http://censtats.census.gov/data/HI/04015.pdf>> accessed June 20, 2002.

Table 1.47-- PLACE OF BIRTH AND CITIZENSHIP: 1980 TO 2000

| Place of birth and citizenship | 1980 | 1990 | 2000 |
|-----------------------------------|---------|-----------|-----------|
| Total population | 964,691 | 1,108,229 | 1,211,537 |
| Born in United States | 806,742 | 914,024 | 968,947 |
| Hawaii | 557,990 | 621,992 | 689,056 |
| Other state | 248,752 | 292,032 | 279,891 |
| Northeast | 46,698 | 53,125 | 50,485 |
| Midwest | 60,236 | 68,961 | 59,874 |
| South | 58,189 | 67,570 | 60,914 |
| West | 83,629 | 102,376 | 108,618 |
| Born outside United States | 157,949 | 194,205 | 242,590 |
| Puerto Rico | 1,182 | 1,502 | 1,572 |
| U.S. island areas (outlying area) | 7,323 | 7,492 | 9,582 |
| Born abroad of American parent(s) | 12,428 | 22,507 | 19,207 |
| Foreign born | 137,016 | 162,704 | 212,229 |
| Naturalized citizen | 62,287 | 89,983 | 127,532 |
| Not a citizen | 74,729 | 72,721 | 84,697 |
| 18 years and over | 689,108 | 828,004 | 917,212 |
| Native | (NA) | 678,227 | (NA) |
| Foreign born | (NA) | 149,777 | (NA) |
| Naturalized citizen | (NA) | 85,518 | (NA) |
| Not a citizen | (NA) | 64,259 | (NA) |
| Born in Hawaii, living in U.S. | 817,353 | 945,148 | (NA) |
| Born and living in Hawaii | 557,990 | 621,992 | 689,056 |
| Living on Mainland | 259,363 | 323,156 | (NA) |

NA Not available.

Source: U.S. Bureau of the Census, *1990 Selected Place of Birth and Migration Statistics for States*, CPH-L-121, tables 2 and 3; *1990 Age, Nativity, and Citizenship for the United States, States and Counties*, CPH-L-114, table 1; data from STF3A, extracted by the Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center; and U.S. Census Bureau, Census 2000 Summary File 3 Hawaii (September 2002).

Table 1.48-- LANGUAGE SPOKEN AT HOME BY PERSONS FIVE YEARS OLD AND OVER, BY AGE: 2000

[Persons 5 years old and over]

| Language spoken at home | Total | Less than 18 years | 18 to 64 years | 65 years and over |
|----------------------------------|-----------|--------------------|----------------|-------------------|
| Total | 1,134,351 | 217,139 | 756,071 | 161,141 |
| Speak English only | 832,226 | 177,581 | 556,067 | 98,578 |
| Other Pacific Islands 1/ | 90,111 | 16,323 | 61,478 | 12,310 |
| Tagalog | 60,967 | 6,264 | 44,658 | 10,045 |
| Japanese | 56,225 | 3,999 | 25,005 | 27,221 |
| Chinese | 29,363 | 3,835 | 19,137 | 6,391 |
| Spanish and Spanish Creole | 18,820 | 2,423 | 15,042 | 1,355 |
| Korean | 18,337 | 2,719 | 13,620 | 1,998 |
| Vietnamese | 8,270 | 1,731 | 6,029 | 510 |
| German | 3,986 | 296 | 2,966 | 724 |
| French (incl. Patois, Cajun) | 3,310 | 330 | 2,517 | 463 |
| Laotian | 1,920 | 484 | 1,340 | 96 |
| Thai | 1,496 | 229 | 1,231 | 36 |
| Other Indo-European 2/ | 1,288 | 234 | 878 | 176 |
| Portuguese and Portuguese Creole | 1,238 | 99 | 845 | 294 |
| All others 3/ | 6,794 | 592 | 5,258 | 944 |

1/ Other Pacific Islander languages which are not listed separately in the table or individually in footnote 3.

2/ Other Indo-European languages which are not listed separately in the table or individually in footnote 3.

3/ Includes the following languages: French Creole, Italian, Other West Germanic, Scandinavian, Greek, Hungarian, Hindi, Russian, Polish, Persian, Serbo-Croatian, Gujarathi, Urdu, Other Indic, Miao Hmong, Mon-Khmer-Cambodian, Other Asian, Navajo, Other Native American Language, Arabic, Hebrew, African languages, Yiddish, Other Slavic, Armenian, unspecified languages and other languages.

Source: U.S. Census Bureau, Census 2000 Sample Data File; extracted by the Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center.

Table 1.49-- LANGUAGE SPOKEN AT HOME BY PERSONS FIVE YEARS OLD AND OVER, BY ABILITY TO SPEAK ENGLISH, BY COUNTY: 2000

[Persons 5 years old and over]

| Language spoken at home | State total | City and County of Honolulu | Hawaii County | Kauai County | Maui County 1/ |
|--------------------------------------|-------------|-----------------------------|---------------|--------------|----------------|
| Total | 1,134,351 | 819,914 | 139,793 | 54,822 | 119,822 |
| Only English at home | 832,226 | 583,116 | 114,032 | 44,111 | 90,967 |
| Other than English at home | 302,125 | 236,798 | 25,761 | 10,711 | 28,855 |
| Percent | 26.6 | 28.9 | 18.4 | 19.5 | 24.1 |
| Speak English less than "very well" | 143,505 | 113,550 | 10,840 | 4,787 | 14,328 |
| Spanish | 18,820 | 13,304 | 2,283 | 620 | 2,613 |
| Speak English less than "very well" | 4,960 | 3,201 | 649 | 170 | 940 |
| Other Indo-European languages 2/ | 14,242 | 9,594 | 2,143 | 562 | 1,943 |
| Speak English less than "very well" | 3,165 | 2,328 | 379 | 86 | 372 |
| Asian and Pacific Islander languages | 267,157 | 212,306 | 21,237 | 9,486 | 24,128 |
| Speak English less than "very well" | 134,782 | 107,508 | 9,770 | 4,522 | 12,982 |

1/ Maui County including Kalawao County (Kalaupapa Settlement). The population of Kalawao who were five years or older was 147.

2/ Category includes languages such as French, German, and Italian.

Source: U.S. Census Bureau, Census 2000 Table DP-2 "Profile of Selected Social Characteristics: 2000" (May 2002) <<http://censtats.census.gov/data/HI/04015.pdf>> accessed June 20, 2002.

Table 1.50-- LANGUAGE SPOKEN AT HOME, BY OCCUPATION: 2000

[Persons 18 years old and over]

| Language spoken at home | Total | Management 1/ | Service | Sales and office occupations | Farming, fishing, and forestry |
|--------------------------------|------------------------|---|---------------------|---|---------------------------------------|
| Total | 917,212 | 214,401 | 148,023 | 195,831 | 10,325 |
| Speak English only | 654,645 | 172,053 | 91,716 | 146,901 | 5,330 |
| Tagalog | 54,703 | 7,282 | 16,829 | 9,818 | 1,325 |
| Japanese | 52,226 | 8,534 | 5,093 | 9,546 | 292 |
| Chinese | 25,528 | 5,403 | 4,908 | 4,832 | 98 |
| Spanish 2/ | 16,397 | 3,761 | 2,955 | 3,311 | 179 |
| Korean | 15,618 | 2,526 | 3,323 | 3,682 | 80 |
| Vietnamese | 6,539 | 732 | 1,491 | 1,291 | 141 |
| German | 3,690 | 1,108 | 465 | 608 | - |
| French 2/ | 2,980 | 875 | 445 | 570 | 17 |
| Laotian | 1,436 | 347 | 234 | 253 | 53 |
| Thai | 1,267 | 290 | 329 | 271 | 4 |
| Portuguese 2/ | 1,139 | 231 | 150 | 173 | 18 |
| Other Pacific Isles 2/ | 73,788 | 9,181 | 19,183 | 13,208 | 2,721 |
| All others | 7,256 | 2,078 | 902 | 1,367 | 67 |
| Language spoken at home | Construction 1/ | Prod, trans & material moving 1/ | Armed Forces | Unemployed, with no work experience since 1995 | Not in the labor force |
| Total | 67,663 | 66,044 | 15,494 | 5,793 | 193,638 |
| Speak English only | 53,806 | 45,621 | 13,142 | 4,171 | 121,905 |
| Tagalog | 3,287 | 5,095 | 286 | 299 | 10,482 |
| Japanese | 1,264 | 1,933 | 105 | 100 | 25,359 |
| Chinese | 851 | 1,773 | 53 | 75 | 7,535 |
| Spanish 2/ | 1,608 | 1,082 | 1,217 | 68 | 2,216 |
| Korean | 710 | 831 | 70 | 171 | 4,225 |
| Vietnamese | 188 | 1,047 | 24 | 25 | 1,600 |
| German | 299 | 198 | 126 | 11 | 875 |
| French 2/ | 199 | 151 | 118 | - | 605 |
| Laotian | 68 | 74 | 7 | 6 | 394 |
| Thai | 58 | 61 | 4 | 10 | 240 |
| Portuguese 2/ | 73 | 58 | 33 | 10 | 393 |
| Other Pacific Isles 2/ | 4,756 | 7,636 | 133 | 796 | 16,174 |
| All others | 496 | 484 | 176 | 51 | 1,635 |

Continued on next page.

Table 1.50-- LANGUAGE SPOKEN AT HOME, BY OCCUPATION: 2000 -- Con.

1/ "Management" is "Management, professional, and related occupations"; "Construction" is "Construction, extraction, and maintenance"; "Prod, trans & material moving" is "Production, transportation, and material moving occupations"; and "Other Pacific Isles" includes the Native Hawaiian language.

2/ Spanish includes Spanish Creole; French includes Patois and Cajun; Portugese includes Portugese Creole; and "Other Pacific Isles" is "Other Pacific Islands" which includes the Native Hawaiian language.

Source: U.S. Census Bureau, Census 2000 Sample Data File; extracted by the Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center.

Table 1.51-- HOUSEHOLD TYPE AND RELATIONSHIP: 2000

| Household type and relationship | State total | Oahu | Other islands |
|---|-------------|---------|---------------|
| Total persons | 1,211,537 | 876,156 | 335,381 |
| In households | 1,175,755 | 845,211 | 330,544 |
| Householder | 403,240 | 286,450 | 116,790 |
| Spouse | 216,077 | 156,195 | 59,882 |
| Child | 351,544 | 253,649 | 97,895 |
| Own child under 18 years | 239,483 | 167,706 | 71,777 |
| Other relatives | 127,659 | 96,718 | 30,941 |
| Under 18 years | 47,971 | 35,471 | 12,500 |
| Nonrelatives | 77,235 | 52,199 | 25,036 |
| Unmarried partner | 23,516 | 14,420 | 9,096 |
| In group quarters | 35,782 | 30,945 | 4,837 |
| Institutionalized population | 7,690 | 5,809 | 1,881 |
| Noninstitutionalized population | 28,092 | 25,136 | 2,956 |
| Total households | 403,240 | 286,450 | 116,790 |
| Family households (families) | 287,068 | 205,672 | 81,396 |
| With own children under 18 years | 129,322 | 91,022 | 38,300 |
| Married-couple families | 216,077 | 156,195 | 59,882 |
| With own children under 18 years | 96,758 | 70,442 | 26,316 |
| Female householder, no husband present | 49,923 | 35,138 | 14,785 |
| With own children under 18 years | 23,619 | 15,235 | 8,384 |
| Nonfamily households | 116,172 | 80,778 | 35,394 |
| Householder living alone | 88,153 | 61,963 | 26,190 |
| Householder 65 years and over | 28,565 | 20,021 | 8,544 |
| Households with individuals under 18 years | 153,008 | 108,247 | 44,761 |
| Households with individuals 65 years and over | 110,475 | 80,464 | 30,011 |
| Persons per household | 2.92 | 2.95 | 2.83 |
| Persons per family | 3.42 | 3.46 | 3.32 |

Source U.S. Census Bureau, Census 2000 "Table DP-1. Profile of Demographic Characteristics for Hawaii: 2000" geographic area series (May 19, 2001) and Census 2000 Summary File 1 Hawaii (July 25, 2001).

**Table 1.52-- HOUSEHOLDS, FAMILIES, AND GROUP QUARTERS:
1950 TO 2000**

| Year | Households | Families | Persons in -- | | | Average size | |
|------|------------|----------|---------------|----------|----------------|--------------|----------|
| | | | Households | Families | Group quarters | Households | Families |
| 1950 | 111,858 | 96,460 | 463,230 | (NA) | 36,564 | 4.14 | (NA) |
| 1960 | 153,064 | 129,481 | 592,807 | 555,894 | 39,965 | 3.87 | 4.29 |
| 1970 | 203,088 | 170,358 | 730,095 | 678,343 | 38,466 | 3.59 | 3.98 |
| 1980 | 294,052 | 226,035 | 925,092 | 814,983 | 39,599 | 3.15 | 3.61 |
| 1990 | 356,268 | 263,456 | 1,070,607 | 915,783 | 37,632 | 3.01 | 3.48 |
| 2000 | 403,240 | 287,068 | 1,175,755 | 982,348 | 35,782 | 2.92 | 3.42 |

NA Not available.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1950, General Characteristics, Hawaii*, P-B52 (1952), table 15; *U.S. Census of Population: 1960, General Population Characteristics, Hawaii*, PC (1)-13B, table 19; *1970 Census of Population, General Population Characteristics*, PC (1)-B13 (May 1971), table 22; *1980 Census of Population, General Population Characteristics, Hawaii*, PC80-1-B13 (July 1982), table 21; *1990 Census of Population, General Population Characteristics, Hawaii*, 1990 CP-1-13 (June 1992), table 39; 2000 Census of Population and Housing, *Summary Population and Housing Characteristics Hawaii: 2000*; and Census 2000 Summary File 1 Hawaii (July 25, 2001).

**Table 1.53-- HOUSEHOLDS AND HOUSEHOLD POPULATIONS:
2000 TO 2006**

[Data based on a sample. The American Community Survey had different sample designs and sample sizes for the years 2000 through 2004. From 2005 onward, it was at full sample size and design. Therefore, caution should be used when comparing data over this time period]

| Date | Households | Population in households | Average household size |
|-------------|-------------------|---------------------------------|-------------------------------|
| 2000 | 386,824 | 1,175,755 | 3.04 |
| 2001 | 411,647 | 1,188,615 | 2.89 |
| 2002 | 415,479 | 1,208,537 | 2.91 |
| 2003 | 419,441 | 1,221,885 | 2.91 |
| 2004 | 427,673 | 1,227,008 | 2.87 |
| 2005 | 430,007 | 1,238,158 | 2.88 |
| 2006 | 432,632 | 1,247,951 | 2.88 |

Source: U.S. Census Bureau, American Community Survey Office, "American Community Survey Multi-Year Profile 2004, General Demographic Characteristics 2004"

<[http://factfinder.census.gov/servlet/MYPTable?_bm=y&-context=myp&-ds_name=ACS_2004_EST_G00_&-tree_id=304&-all_geo_types=N&-_caller=geoselect&-geo_id=04000US15&-format=&-_lang=en](http://factfinder.census.gov/servlet/MYPTTable?_bm=y&-context=myp&-ds_name=ACS_2004_EST_G00_&-tree_id=304&-all_geo_types=N&-_caller=geoselect&-geo_id=04000US15&-format=&-_lang=en)> accessed June 19, 2006; "American Community Survey Hawaii General Demographic Characteristics: 2005" <http://factfinder.census.gov/servlet/ADPTTable?_bm=y&-geo_id=04000US15&-context=adp&-ds_name=ACS_2005_EST_G00_&-tree_id=305&-_lang=en&-_caller=geoselect&-format=>> accessed September 15, 2006; "Hawaii - Selected Social Characteristics in the United States: 2006" <http://factfinder.census.gov/servlet/ADPTTable?_bm=y&-geo_id=04000US15&-qr_name=ACS_2006_EST_G00_DP2&-context=adp&-ds_name=&-tree_id=306&-_lang=en&-redoLog=false&-format=>> accessed December 10, 2007; and "2006 Data Users Handbook The American Community Survey", p. 1, <<http://www.census.gov/acs/www/Downloads/Handbook2006.pdf>> accessed May 21, 2008.

**Table 1.54-- HOUSING UNITS, HOUSEHOLDS BY AGE, AND
PERSONS PER HOUSEHOLD: 1990 AND 2000**

| Subject | April 1, 1990 | April 1, 2000 | Percent change |
|---|----------------------|----------------------|---------------------------|
| Total housing units | 389,811 | 460,542 | 18.1 |
| Households by age of householder, total | 356,268 | 403,240 | 13.2 |
| 15 to 24 years | 16,826 | 16,324 | -3.0 |
| 25 to 34 years | 73,004 | 60,907 | -16.6 |
| 35 to 44 years | 87,474 | 88,254 | 0.9 |
| 45 to 54 years | 57,546 | 89,742 | 55.9 |
| 55 to 64 years | 49,936 | 57,934 | 16.0 |
| 65 years and over | 71,482 | 90,079 | 26.0 |
| Persons in households | 1,070,607 | 1,175,755 | 9.8 |
| Persons per household 1/ | 3.01 | 2.92 | -3.0 |

1/ The U.S. average in 2000 was 2.59.

Source: U.S. Bureau of the Census, "Estimates of Housing Units, Households, Households by Age of Householder, and Persons per Household of States: Annual Time Series, July 1, 1991 to July 1, 1998 (includes revised April 1 census housing and population counts)", ST-98-51 (December 8, 1999) <<http://www.census.gov/population/estimates/housing/sthuhh6.txt>>; U.S. Census Bureau, Summary File 1 Hawaii (July 25, 2001).

**Table 1.55-- HOUSEHOLDS, POPULATION IN HOUSEHOLDS, AND
POPULATION PER HOUSEHOLD, BY ISLAND: 1990 AND 2000**

| Island | Households | | Population in households | | Population per household | |
|-------------|------------|---------|--------------------------|-----------|--------------------------|------|
| | 1990 1/ | 2000 | 1990 1/ | 2000 | 1990 1/ | 2000 |
| State total | 356,267 | 403,240 | 1,070,597 | 1,175,755 | 3.01 | 2.92 |
| Hawaii | 41,461 | 52,985 | 118,632 | 145,873 | 2.86 | 2.75 |
| Maui | 30,272 | 40,156 | 90,031 | 116,417 | 2.97 | 2.90 |
| Kahoolawe | - | - | - | - | - | - |
| Lanai | 847 | 1,161 | 2,426 | 3,182 | 2.86 | 2.74 |
| Molokai | 2,088 | 2,305 | 6,647 | 7,241 | 3.18 | 3.14 |
| Oahu | 265,304 | 286,450 | 802,338 | 845,211 | 3.02 | 2.95 |
| Kauai | 16,253 | 20,147 | 50,293 | 57,671 | 3.09 | 2.86 |
| Niihau | 42 | 36 | 230 | 160 | 5.48 | 4.44 |

1/ Revisions to the 1990 state totals are not reflected in this table because the revisions were not available by islands.

Source: U.S. Bureau of the Census, 1990 printouts; U.S. Census Bureau, Census 2000 Summary File 1 Hawaii (July 25, 2001).

Table 1.56-- POPULATION IN GROUP QUARTERS, BY TYPE OF GROUP QUARTER, BY COUNTY: 2000

| Type of group quarter | State total | City and County of Honolulu | Hawaii County | Kauai County | Maui County 1/ |
|--|-------------|-----------------------------|---------------|--------------|----------------|
| In group quarters | 35,782 | 30,945 | 2,804 | 632 | 1,401 |
| Institutionalized population 2/ | 7,690 | 5,809 | 931 | 345 | 605 |
| Correctional institutions | 3,233 | 2,567 | 211 | 131 | 324 |
| Nursing homes | 2,949 | 2,171 | 625 | 115 | 38 |
| Hospitals/wards, hospices, and schools for the handicapped | 1,292 | 923 | 27 | 99 | 243 |
| Juvenile institutions | 216 | 148 | 68 | - | - |
| Noninstitutionalized population 3/ | 28,092 | 25,136 | 1,873 | 287 | 796 |
| College dormitories (includes college quarters off campus) | 4,716 | 3,667 | 939 | - | 110 |
| Military quarters | 13,992 | 13,978 | - | 14 | - |
| Group homes | 4,305 | 3,570 | 281 | 37 | 417 |
| Religious group quarters | 319 | 255 | 3 | 37 | 24 |
| Dormitories | 505 | 478 | - | 4 | 23 |
| Crews of maritime vessels | 1,298 | 1,298 | - | - | - |
| Other nonhousehold living situations | 632 | 508 | 88 | 16 | 20 |
| Other noninstitutional group quarters | 2,325 | 1,382 | 562 | 179 | 202 |

1/ Maui County including Kalawao County (Kalaupapa Settlement). Kalawao County had no population in group quarters.

2/ Includes people under formally authorized, supervised care or custody in institutions such as correctional institutions, nursing homes, and juvenile institutions.

3/ Includes all people who live in group quarters other than institutions such as college dormitories, military quarters, and group homes.

Source: U.S. Census Bureau, Census 2000 Summary File 1 Hawaii (July 25, 2001).

**Table 1.57 -- MARRIED COUPLES, UNMARRIED COUPLES, AND
SUBFAMILIES: 1970 TO 2000**

| Subject | 1970 | 1980 | 1990 | 2000 |
|-------------------------------|---------|---------|---------|---------|
| Married couples | 154,678 | 198,398 | 227,853 | 235,835 |
| Married couple families 1/ | 147,326 | 188,933 | 215,835 | 220,144 |
| Married couple subfamilies 2/ | 7,352 | 9,465 | 12,018 | 15,691 |
| Percent | 4.8 | 4.8 | 5.3 | 6.7 |
| Unmarried couples | (NA) | 9,963 | 15,473 | 22,631 |
| Subfamilies 2/ | 10,111 | 13,319 | 25,318 | 30,290 |
| Married couple subfamilies | 7,352 | 9,465 | 12,018 | 15,691 |
| Mother-child subfamilies | 2,288 | 3,132 | 10,264 | 10,015 |
| Other subfamilies | 471 | 722 | 3,036 | 4,584 |

NA Not available.

1/ Based on a sample; data may therefore differ somewhat from corresponding full-count tabulations.

2/ A subfamily is a married couple (husband and wife enumerated as members of the same household) with or without children, or one parent with one or more never married children under 18 years of age, living in a household and related to either the householder or householder's spouse. The number or percentage of subfamilies is sometimes treated as a measure of the "doubling up" of households.

Source: U.S. Bureau of the Census, *1960 Census of Population, Detailed Characteristics, Hawaii*, PC(1)-13D (1962), table 108; *1970 Census of Population, Detailed Characteristics, Hawaii*, PC(1)-D13 (1972), table 155; *1980 Census of Population, General Social and Economic Characteristics, Hawaii*, PC80-1-C13 (1983), table 64 and p. B-2; *1980 Census of Population, Detailed Population Characteristics, Hawaii*, PC80-1-D13 (1983), table 208; *1990 Census of Population, Social and Economic Characteristics, Hawaii*, 1990 CP-2-13 (1993), table 21; and U.S. Census Bureau, Census 2000 Summary File 3 Hawaii (September 25, 2002).

Table 1.58-- MARITAL STATUS, BY SEX: 1990 AND 2000

[Persons 15 years old and over. Marital status data for 1990 were from the 100-percent data while the marital status data for 2000 were from the sample data]

| Marital status | 1990 | | 2000 | |
|-------------------------------|---------|---------|---------|---------|
| | Male | Female | Male | Female |
| Total | 441,420 | 428,783 | 481,768 | 484,107 |
| Never married | 152,188 | 106,715 | 166,715 | 125,609 |
| Now married, except separated | 241,961 | 237,260 | 258,532 | 254,359 |
| Separated | 6,425 | 7,539 | 6,837 | 8,468 |
| Widowed | 9,053 | 38,530 | 10,728 | 47,439 |
| Divorced | 31,793 | 38,739 | 38,956 | 48,232 |

Source: U.S. Bureau of the Census, *1990 Census of Population, General Population Characteristics, Hawaii*, 1990 CP-1-13 (June 1992), table 39 and U.S. Census Bureau, *Census 2000 Summary File 3 Hawaii* (September 25, 2002).

**Table 1.59--SINGLE, WIDOWED, OR DIVORCED PERSONS, BY SEX:
1970 TO 2000**

[Persons 14 years old and over for 1970, and 15 years old and over for later dates]

| Year | Single, widowed, or divorced | | | Never married | | |
|------|------------------------------|---------|-----------|---------------|---------|-----------|
| | Male | Female | Sex ratio | Male | Female | Sex ratio |
| 1970 | 119,256 | 98,016 | 121.7 | 104,625 | 68,009 | 153.8 |
| 1980 | 165,343 | 150,166 | 110.1 | 137,448 | 94,160 | 146.0 |
| 1990 | 193,034 | 183,984 | 104.9 | 152,188 | 106,715 | 142.6 |
| 2000 | 216,399 | 221,280 | 97.8 | 166,715 | 125,609 | 132.7 |

Source: Robert C. Schmitt, *Historical Statistics of Hawaii* (University Press of Hawaii, 1977), pp. 31-32; U.S. Bureau of the Census, *1980 Census of Population, General Population Characteristics, Hawaii*, PC80-1-B13 (July 1982), table 21 and *1990 Census of Population, General Population Characteristics, Hawaii*, 1990 CP-1-13 (June 1992), table 39; and U.S. Census Bureau, *Census 2000 Summary File 3 Hawaii* (September 25, 2002).

**Table 1.60-- COMPONENTS OF CHANGE IN THE RESIDENT POPULATION,
BY MILITARY STATUS: 2000 TO 2006**

[Not comparable to tables in *Data Books* prior to 2004 because of
the recalculation of armed forces death data]

| Period and component 1/ | All groups | Armed forces | Civilian population | | | |
|----------------------------|------------|-----------------|------------------------|-------------------------|-------------------|---------------------|
| | | | Military dependents | Not military dependents | | |
| | | | | Number | Annual average | Percent distrib. |
| Net change | 67,098 | 5,348 | 10,674 | 51,076 | 8,172 | 100.0 |
| Natural increase | 56,864 | -230 | 17,677 | 39,417 | 6,307 | 77.2 |
| Live births | 111,219 | (X) | 18,020 | 93,199 | 14,912 | (X) |
| Deaths | 54,355 | 230 | 343 | 53,782 | 8,605 | (X) |
| Net mil. separations 2/ | } 10,234 | 5,578 | -7,003 | 11,659 | 1,865 | 22.8 |
| Net migration 3/ | | | | | | |

X Not applicable.

1/ April 1, 2000 to June 30, 2006.

2/ Separations less inductions for armed forces.

3/ Includes error of closure.

Source: U.S. Census Bureau, 2000 Census of Population and Housing, *Summary Population and Housing Characteristics Hawaii: 2000* and the Federal-State Cooperative Program for Population Estimates; DBEDT surveys of military population; and special tabulations by the Hawaii State Department of Health, Office of Health Status Monitoring, records; calculations by the Hawaii State Department of Business, Economic Development, & Tourism.

**Table 1.61-- COMPONENTS OF CHANGE IN THE RESIDENT POPULATION,
BY COUNTY: 1990 TO 2000**

[Data refer to ten year period ending March 31, 2000. For 1980-1990 estimates,
see Data Book 1993-94, Table 1.41]

| Component | State total | Honolulu | Hawaii | Kauai | Maui 1/ |
|------------------|--------------------|-----------------|---------------|--------------|----------------|
| Net change | 103,308 | 39,925 | 28,360 | 7,286 | 27,737 |
| Natural increase | 113,112 | 86,733 | 10,477 | 4,601 | 11,301 |
| Live births | 187,256 | 139,711 | 20,565 | 8,567 | 18,413 |
| Deaths | 74,144 | 52,978 | 10,088 | 3,966 | 7,112 |
| Net migration 2/ | -9,804 | -46,808 | 17,883 | 2,685 | 16,436 |

1/ Maui County including Kalawao County.

2/ Residual based on net change less natural increase.

Source: U.S. Census Bureau, Census 2000 Redistricting Data, (Public Law 94-171) Summary File and 1990 Census STF1A; Hawaii State Department of Health, Office of Health Status Monitoring; compilation and calculations by the Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center.

**Table 1.62-- COMPONENTS OF CHANGE IN THE RESIDENT POPULATION,
BY COUNTY: 2000 TO 2007**

| Component | State total | Honolulu | Hawaii | Kauai | Maui 1/ |
|-----------------------------------|--------------------|-----------------|---------------|--------------|----------------|
| Resident population: | | | | | |
| April 1, 2000 (estimates base) 2/ | 1,211,537 | 876,156 | 148,677 | 58,463 | 128,241 |
| July 1, 2007 (estimate) | 1,283,388 | 905,601 | 173,057 | 62,828 | 141,902 |
| Net change 3/ | 71,851 | 29,445 | 24,380 | 4,365 | 13,661 |
| Resident births | 130,786 | 95,352 | 15,925 | 5,729 | 13,780 |
| Resident deaths | 64,005 | 45,337 | 9,110 | 3,201 | 6,357 |
| Foreign migrants (net) 4/ | 30,891 | 22,914 | 3,039 | 955 | 3,983 |
| Internal migrants (net) 5/ | -20,583 | -39,721 | 15,147 | 1,150 | 2,841 |

1/ Maui County including Kalawao County.

2/ The April 1, 2000 estimates base reflects changes to the Census 2000 population resulting from legal boundary updates as of January 1 of the estimates year, other geographic program changes, and Count Question Resolution actions. All geographic boundaries for the 2007 population estimates series are defined as of January 1, 2007.

3/ Total population change includes a residual which is not shown in this table.

4/ Net migration of legal immigrants to the United States, undocumented immigrants to the United States, and emigrants from the United States.

5/ Net of migration (a) to the state of Hawaii from other states (b) from the state of Hawaii to other states and (c) from one county to another county in the state of Hawaii. This migration figure includes the Armed Forces and their dependents. Excludes movement between Hawaii and Puerto Rico.

Source: U.S. Census Bureau, Population Division "Table 2: Cumulative Estimates of Population Change for Counties of Hawaii and County Rankings: April 1, 2000 to July 1, 2007" (CO-EST2007-02-15) (March 20, 2008) <<<http://www.census.gov/popest/counties/tables/CO-EST2007-02-15.xls>> and "Table 4: Cumulative Estimates of the Components of Population Change for Counties of Hawaii: April 1, 2000 to July 1, 2007" (CO-EST2007-04-15) (March 20, 2008) <<<http://www.census.gov/popest/counties/tables/CO-EST2007-04-15.xls>> accessed March 20, 2008.

**Table 1.63-- INTENDED RESIDENTS ARRIVING IN HAWAII, DOMESTIC
AND INTERNATIONAL: 1997 TO 2007**

| Year | Total | Domestic | International |
|-------------|--------------|-----------------|----------------------|
| 1997 | 39,887 | 33,020 | 6,867 |
| 1998 | 34,008 | 28,550 | 5,458 |
| 1999 | 32,133 | 27,841 | 4,292 |
| 2000 | 37,757 | 31,710 | 6,047 |
| 2001 | 38,220 | 31,938 | 6,282 |
| 2002 | 49,494 | 44,016 | 5,478 |
| 2003 | 43,189 | 38,290 | 4,899 |
| 2004 | 47,472 | 41,067 | 6,405 |
| 2005 | 51,006 | 44,526 | 6,480 |
| 2006 | 1/ 54,441 | 46,942 | 1/ 7,499 |
| 2007 | 56,583 | 49,347 | 7,236 |

NA Not available.

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Business, Economic Development & Tourism, Tourism Research Branch, records; U.S. Department of Homeland Security, Office of Immigration Statistics, *Yearbook of Immigration Statistics* (annual)

<<http://www.dhs.gov/ximgtn/statistics/publications/yearbook.shtm>> accessed July 3, 2008.

**Table 1.64-- LEGAL PERMANENT RESIDENTS, BY COUNTRY OF BIRTH:
2002 TO 2006**

[Fiscal year ending September 30. Data refer to persons admitted to the United States as an immigrant, reporting Hawaii as their State of intended permanent residence or who changed their status after entry. These immigrants have been granted lawful permanent residence and were called "immigrants" in previous *Data Books* tables. These persons are now called "legal permanent residents"]

| Country of birth | 2002 | 2003 | 2004 | 2005 | 2006 |
|----------------------------|-------|-------|-------|-------|----------|
| All countries | 5,503 | 4,899 | 6,347 | 6,480 | 7,501 |
| Canada | 120 | 73 | 94 | 127 | 147 |
| Hong Kong | 106 | 52 | 60 | 66 | 48 |
| Japan | 480 | 380 | 456 | 559 | 742 |
| Korea | 263 | 111 | 192 | 280 | 361 |
| Mexico | 67 | 51 | 29 | 45 | 79 |
| People's Republic of China | 538 | 397 | 641 | 625 | 815 |
| Philippines | 2,800 | 3,050 | 4,015 | 3,447 | 3,723 |
| Taiwan | 73 | 55 | 37 | 69 | 86 |
| Thailand | (NA) | 44 | 36 | 99 | 124 |
| Vietnam | 210 | 175 | 212 | 207 | 220 |
| Other countries | 846 | 511 | 575 | 956 | 1/ 1,156 |

NA Not available.

1/ Includes 82 from Brazil, 77 from Tonga, 71 from Samoa, 68 from Germany, and 64 from the United Kingdom.

Source: U.S. Immigration and Naturalization Service, Office of Policy and Planning, *Statistical Yearbook of the Immigration and Naturalization Service* (annual) and U.S. Department of Homeland Security, Office of Immigration Statistics, Supplemental Tables

<<http://www.uscis.gov/graphics/shared/statistics/yearbook/index.htm>> accessed December 13, 2007.

Table 1.65-- PERSONS NATURALIZED, BY COUNTRY OF FORMER ALLEGIANCE: 1998 TO 2006

[Fiscal year ending September 30]

| Year | All countries | China and Taiwan 1/ | Japan | Korea | Philippines | Vietnam | Other countries 2/ |
|-------------|----------------------|----------------------------|--------------|--------------|--------------------|----------------|---------------------------|
| 1998 | 4,493 | (NA) | (NA) | 362 | 2,083 | 419 | 1,330 |
| 1999 | 3,600 | 448 | (NA) | 332 | 1,542 | 304 | 974 |
| 2000 | 4,372 | 507 | (NA) | 431 | 1,813 | 346 | 1,275 |
| 2001 | 2,885 | 269 | (NA) | 296 | 1,280 | 161 | 879 |
| 2002 | 2,884 | 299 | 121 | 309 | 1,265 | 124 | 766 |
| 2003 | 2,287 | 183 | 132 | 243 | 943 | 75 | 711 |
| 2004 | 2,050 | 158 | 112 | 220 | 825 | 83 | 652 |
| 2005 | 4,663 | 534 | 313 | 563 | 1,893 | 235 | 1,125 |
| 2006 | 5,276 | 488 | 250 | 502 | 2,140 | 195 | 1,701 |

NA Not available.

1/ In 1998, the People's Republic of China figure was 299 and Taiwan figures were not available; in 1999, the People's Republic of China figure was 395 and the Taiwan figure was 53; in 2000, the People's Republic of China figure was 415 and the Taiwan figure was 92; in 2001, the People's Republic of China figure was 196 and the Taiwan figures was 73; in 2002, the People's Republic of China figure was 235 and the Taiwan figure was 64; in 2003, the People's Republic of China figure was 157 and the Taiwan figure was 26; and in 2004, the People's Republic of China figure was 132 and the Taiwan figure was 26; in 2005, the People's Republic of China figure was 448 and the Taiwan figure was 86; and in 2006, the People's Republic of China figure was 408 and the Taiwan figure was 80.

2/ United Kingdom figures were shown separately in previous *Data Books*, but are now part of the "Other countries" category. Therefore, figures for 1998 through 2002 are revised. Japan figures for 1998 through 2001 were not available separately and are part of the "Other countries" category for those years.

Source: U.S. Immigration and Naturalization Service, Office of Policy and Planning, *Statistical Yearbook of the Immigration and Naturalization Service* (annual) and U.S. Department of Homeland Security, Office of Immigration Statistics, *Yearbook of Immigration Statistics* (annual), supplemental tables <<http://www.uscis.gov/graphics/shared/statistics/yearbook/index.htm>> accessed December 14, 2007.

Table 1.66-- MIGRATION SUMMARY, BY COUNTY: 1995 TO 2000

[Population 5 years and over. Residence in 2000 and movement between 1995 and 2000]

| Movement status | State total | City and County of Honolulu | Hawaii County | Kauai County | Maui County 1/ |
|---|--------------------|------------------------------------|----------------------|---------------------|-----------------------|
| Total population | 1,134,351 | 819,914 | 139,793 | 54,822 | 119,822 |
| Same house (nonmovers) | 643,806 | 461,892 | 80,654 | 34,402 | 66,858 |
| Total movers 2/ | 490,545 | 358,022 | 59,139 | 20,420 | 52,964 |
| Movers within the same county | 294,618 | 213,643 | 37,019 | 12,604 | 31,352 |
| Domestic net migration 3/ | -76,133 | -69,866 | -3,310 | -2,659 | -298 |
| Total immigrants | 149,176 | 105,760 | 18,610 | 6,788 | 18,018 |
| Immigrants from one county within the state to another county within the state | 24,016 | 10,049 | 6,687 | 2,254 | 5,026 |
| Immigrants from a different state | 125,160 | 95,711 | 11,923 | 4,534 | 12,992 |
| Total outmigrants 4/ | 225,309 | 175,626 | 21,920 | 9,447 | 18,316 |
| Outmigrants from one county within the state to another county within the state | 24,016 | 10,276 | 6,220 | 3,236 | 4,284 |
| Outmigrants to a different state | 201,293 | 165,350 | 15,700 | 6,211 | 14,032 |
| Movers from abroad | 46,751 | 38,619 | 3,510 | 1,028 | 3,594 |

1/ Maui County includes Kalawao County. Kalawao County had a total population 5 years and over of 147.

2/ Includes movers within the same county, total immigrants, and movers from abroad. Excludes outmigrants.

3/ Excludes movers within the same county and movers from abroad.

4/ Excludes persons leaving the state and moving abroad. No figures are available from the Census 2000 for persons leaving the state and moving abroad.

Source: U.S. Census Bureau, Census 2000 Migration Data "Gross and Net Migration Tabulations and County-to-County Migration Flow Data (1995 to 2000)" DVD (October 2003).

Table 1.67-- MIGRATION SUMMARY, BY AGE: 1995 TO 2000

[Population 5 years and over. Residence in 2000 and movement between 1995 and 2000]

| Age | Total population | Same house (non-movers) | Total movers (excludes out-migrants) 1/ | Movement | | | | |
|-------|------------------|-------------------------|---|----------------------------|--------------------------|-------------|-----------------|--------------------|
| | | | | Movers within the state 2/ | Migration between states | | | Movers from abroad |
| | | | | | Net migration | In-migrants | Out-migrants 3/ | |
| Total | 1,134,351 | 643,806 | 490,545 | 318,634 | -76,133 | 125,160 | 201,293 | 46,751 |
| 5-9 | 85,160 | 40,969 | 44,191 | 30,397 | -9,544 | 10,048 | 19,592 | 3,746 |
| 10-14 | 83,316 | 47,479 | 35,837 | 25,370 | -7,628 | 7,246 | 14,874 | 3,221 |
| 15-19 | 80,163 | 45,400 | 34,763 | 23,135 | -6,571 | 7,599 | 14,170 | 4,029 |
| 20-24 | 83,235 | 30,351 | 52,884 | 25,278 | 514 | 21,502 | 20,988 | 6,104 |
| 25-29 | 82,776 | 25,924 | 56,852 | 31,519 | -11,375 | 19,037 | 30,412 | 6,296 |
| 30-34 | 85,309 | 31,825 | 53,484 | 33,481 | -13,672 | 14,203 | 27,875 | 5,800 |
| 35-39 | 97,227 | 44,498 | 52,729 | 34,793 | -9,907 | 13,281 | 23,188 | 4,655 |
| 40-44 | 99,117 | 56,247 | 42,870 | 30,417 | -9,048 | 8,744 | 17,792 | 3,709 |
| 45-49 | 91,312 | 57,905 | 33,407 | 24,321 | -4,263 | 6,289 | 10,552 | 2,797 |
| 50-54 | 79,628 | 54,867 | 24,761 | 17,639 | -2,227 | 5,321 | 7,548 | 1,801 |
| 55-59 | 59,719 | 43,652 | 16,067 | 11,307 | -1,272 | 3,484 | 4,756 | 1,276 |
| 60-64 | 46,248 | 34,619 | 11,629 | 7,795 | -188 | 2,687 | 2,875 | 1,147 |
| 65-69 | 43,337 | 34,387 | 8,950 | 6,122 | -468 | 1,945 | 2,413 | 883 |
| 70-74 | 42,869 | 35,532 | 7,337 | 5,207 | -140 | 1,511 | 1,651 | 619 |
| 75-79 | 35,065 | 29,009 | 6,056 | 4,747 | -183 | 971 | 1,154 | 338 |
| 80-84 | 22,306 | 17,947 | 4,359 | 3,360 | 74 | 810 | 736 | 189 |
| 85+ | 17,564 | 13,195 | 4,369 | 3,746 | -235 | 482 | 717 | 141 |

1/ Includes movers within the state, in-migrants, and movers from abroad.

2/ Includes movers within the same county as well as movers between counties within the state.

3/ Excludes persons leaving the state and moving abroad. No figures are available from the Census 2000 for persons leaving the state and moving abroad.

Source: U.S. Census Bureau, Census 2000 Migration Data "Gross and Net Migration Tabulations and County-to-County Migration Flow Data (1995 to 2000)" (October 2003).

Table 1.68-- DOMESTIC IMMIGRATION: 1995 to 2000

[Population 5 years and over. State of residence in 2000 was Hawaii, but different state of residence in 1995. Data based on a sample]

| State | Number of immigrants | State | Number of immigrants |
|----------------|----------------------|----------------|----------------------|
| Total | 125,160 | Maryland | 2,900 |
| California | 32,321 | Illinois | 2,892 |
| Washington | 8,128 | Ohio | 2,159 |
| Texas | 7,792 | Pennsylvania | 2,116 |
| Virginia | 5,801 | Michigan | 2,021 |
| Florida | 5,639 | Nevada | 1,853 |
| New York | 5,030 | New Jersey | 1,707 |
| Georgia | 3,541 | Massachusetts | 1,695 |
| North Carolina | 3,529 | Alaska | 1,671 |
| Oregon | 3,486 | South Carolina | 1,649 |
| Arizona | 3,186 | Tennessee | 1,623 |
| Colorado | 3,173 | Utah | 1,615 |
| | | All others | 19,633 |

Source: U. S. Census Bureau, Census 2000 PHC-T-22 "Migration for the Population 5 Years and Over for the United States, Regions, States, Counties, New England Minor Civil Divisions, Metropolitan Areas, and Puerto Rico: 2000", Table 3. "State of Residence in 2000 for the Population 5 Years and Over by State of Residence in 1995" (August 6, 2003)

<<http://www.census.gov/population/www/cen2000/phc-t22.html>> accessed August 6, 2003.

Table 1.69-- DOMESTIC OUTMIGRATION: 1995 to 2000

[Population 5 years and over. State of residence in 1995 was Hawaii, but different state of residence in 2000. Data based on a sample]

| State | Number of outmigrants | State | Number of outmigrants |
|----------------|-----------------------|----------------|-----------------------|
| Total | 201,293 | Maryland | 4,140 |
| California | 44,192 | New York | 3,988 |
| Washington | 17,491 | Illinois | 3,519 |
| Texas | 13,127 | Utah | 3,218 |
| Nevada | 12,079 | Tennessee | 2,908 |
| Virginia | 10,593 | Ohio | 2,684 |
| Florida | 9,820 | Missouri | 2,639 |
| Oregon | 6,812 | Oklahoma | 2,444 |
| Arizona | 6,700 | Pennsylvania | 2,314 |
| Georgia | 6,313 | South Carolina | 2,290 |
| Colorado | 6,110 | Alaska | 2,287 |
| North Carolina | 6,085 | Michigan | 2,272 |
| | | All others | 27,268 |

Source: U. S. Census Bureau, Census 2000 PHC-T-22 "Migration for the Population 5 Years and Over for the United States, Regions, States, Counties, New England Minor Civil Divisions, Metropolitan Areas, and Puerto Rico: 2000", Table 3 "State of Residence in 2000 for the Population 5 Years and Over by State of Residence in 1995" (August 6, 2003)

<<http://www.census.gov/population/www/cen2000/phc-t22.html>> accessed August 6, 2003.

**Table 1.70-- SELECTED GENERAL CHARACTERISTICS OF
MIGRANTS AND NONMOVERS: 1995 TO 2000**

[Population 5 years and over unless otherwise specified. Movement of people between Hawaii and states within the U.S. as well as between the counties of Hawaii between the years 1995 and 2000. Excludes movers within the same county and movers to or from abroad. Includes military personnel and their dependents. Data based on a sample]

| Subject | Inmigrants | Outmigrants | Nonmovers |
|-------------------------------------|------------|-------------|-----------|
| State total | 195,927 | 225,309 | 938,424 |
| Gender | | | |
| Male | 103,383 | 117,577 | 465,211 |
| Female | 92,544 | 107,732 | 473,213 |
| Age groups | | | |
| 5 to 9 years | 15,839 | 21,637 | 69,321 |
| 10 to 14 years | 12,217 | 16,624 | 71,099 |
| 15 to 19 years | 13,629 | 16,171 | 66,534 |
| 20 to 24 years | 30,823 | 24,205 | 52,412 |
| 25 to 29 years | 27,999 | 33,078 | 54,777 |
| 30 to 34 years | 22,147 | 30,019 | 63,162 |
| 35 to 39 years | 20,213 | 25,465 | 77,014 |
| 40 to 44 years | 14,316 | 19,655 | 84,801 |
| 45 to 49 years | 10,733 | 12,199 | 80,579 |
| 50 to 54 years | 8,383 | 8,809 | 71,245 |
| 55 to 59 years | 5,648 | 5,644 | 54,071 |
| 60 to 64 years | 4,348 | 3,389 | 41,900 |
| 65 to 69 years | 3,210 | 2,795 | 40,127 |
| 70 to 74 years | 2,476 | 1,997 | 40,393 |
| 75 to 79 years | 1,629 | 1,474 | 33,436 |
| 80 to 84 years | 1,376 | 1,113 | 20,930 |
| 85 years and over | 941 | 1,035 | 16,623 |
| Educational attainment 1/ | | | |
| Less than 9th grade | 4,605 | 3,020 | 53,200 |
| 9th to 12th grade, no diploma | 6,163 | 6,723 | 59,843 |
| High school graduate or equivalency | 25,456 | 32,709 | 203,376 |
| Some college, no degree | 32,276 | 45,432 | 142,816 |
| Associate degree | 10,851 | 13,952 | 53,850 |
| Bachelor's degree | 27,488 | 29,411 | 115,005 |
| Graduate or professional degree | 16,580 | 15,425 | 50,968 |
| Income of persons in 1999 2/ | | | |
| No income | 24,765 | 20,572 | 83,285 |
| Less than \$4,999 | 17,695 | 20,604 | 73,502 |
| \$5,000 to \$9,999 | 15,736 | 17,819 | 82,367 |

Continued on next page.

**Table 1.70-- SELECTED GENERAL CHARACTERISTICS OF
MIGRANTS AND NONMOVERS: 1995 TO 2000 -- Con.**

| Subject | Inmigrants | Outmigrants | Nonmovers |
|---|------------|-------------|-----------|
| Income of persons in 1999 (con.) | | | |
| \$10,000 to \$14,999 | 19,746 | 16,702 | 74,312 |
| \$15,000 to \$19,999 | 16,045 | 15,549 | 63,560 |
| \$20,000 to \$24,999 | 14,849 | 17,256 | 71,784 |
| \$25,000 to \$34,999 | 21,316 | 29,072 | 114,602 |
| \$35,000 to \$49,999 | 16,710 | 23,227 | 104,522 |
| \$50,000 to \$74,999 | 10,966 | 14,677 | 74,272 |
| \$75,000 to \$99,999 | 3,828 | 4,655 | 21,457 |
| \$100,000 and over | 4,318 | 4,135 | 20,418 |
| Labor force status 2/ | | | |
| Employed | 75,725 | 109,184 | 462,184 |
| Unemployed | 7,379 | 9,092 | 28,507 |
| Armed forces | 32,834 | 18,421 | 6,202 |
| Not in labor force | 50,036 | 47,571 | 287,188 |
| Occupation 3/ | | | |
| Managemt, professional & related occupation | 28,967 | 38,062 | 144,470 |
| Service occupations | 16,381 | 20,212 | 96,279 |
| Sales and office occupations | 19,757 | 31,658 | 131,268 |
| Farming, fishing, and forestry occupations | 1,065 | 339 | 5,844 |
| Construction, extractions and maintenance occupations | 4,289 | 8,936 | 41,765 |
| Production, transportation and material moving occupations | 5,266 | 9,977 | 42,558 |
| Marital status 4/ | | | |
| Now married (except separated) | 87,531 | 95,710 | 425,360 |
| Widowed | 4,135 | 3,895 | 54,032 |
| Divorced | 14,319 | 21,916 | 72,869 |
| Separated | 3,088 | 4,742 | 12,217 |
| Never married | 58,798 | 60,785 | 233,526 |
| Nativity | | | |
| Native | 151,578 | 199,920 | 772,350 |
| Foreign born, naturalized citizen | 12,169 | 14,332 | 114,729 |
| Foreign born, non-U.S. citizen | 32,180 | 11,057 | 51,345 |

1/ Population age 25 years and over.

2/ Population age 16 years and over.

3/ Employed civilian population 16 years and over.

4/ Population age 15 years and over.

Source: U.S. Census Bureau, Census 2000, Migration DVD (October 2003); produced by the Policy Research Institute, The University of Kansas.

Table 1.71-- TOP DOMESTIC IMMIGRATION STATES: 2006

[Ranked by largest number. Population 1 year and over. State of residence in 2006 was Hawaii, but different state of residence in 2005. Data based on a sample]

| Rank | State | Estimate | Margin of error 1/ | % Estimate 2/ | Margin of error for % 1/ |
|------|---------------------|----------|--------------------|---------------|--------------------------|
| | Total immigrants 3/ | 60,825 | +/-5,556 | (X) | (X) |
| 1 | California | 14,459 | +/-2,477 | 23.8 | +/-3.4 |
| 2 | Texas | 4,405 | +/-1,372 | 7.2 | +/-2.2 |
| 3 | Virginia | 3,423 | +/-1,434 | 5.6 | +/-2.3 |
| 4 | Washington | 3,212 | +/-1,603 | 5.3 | +/-2.6 |
| 5 | Alaska | 2,906 | +/-1,704 | 4.8 | +/-2.8 |
| 6 | New York | 2,654 | +/-1,227 | 4.4 | +/-2.0 |
| 7 | Florida | 2,456 | +/-954 | 4.0 | +/-1.5 |
| 8 | Colorado | 2,254 | +/-1,190 | 3.7 | +/-1.9 |
| 9 | Georgia | 2,250 | +/-1,671 | 3.7 | +/-2.7 |
| 10 | Illinois | 1,996 | +/-1,224 | 3.3 | +/-2.0 |
| 11 | Pennsylvania | 1,956 | +/-1,244 | 3.2 | +/-2.0 |
| 12 | North Carolina | 1,785 | +/-972 | 2.9 | +/-1.6 |
| 13 | Arizona | 1,718 | +/-830 | 2.8 | +/-1.3 |
| 14 | Oregon | 1,487 | +/-818 | 2.4 | +/-1.3 |
| 15 | Nevada | 1,383 | +/-690 | 2.3 | +/-1.1 |

X Not applicable.

1/ Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the estimates are subject to nonsampling error. The effect of nonsampling error is not represented in these tables.

2/ Calculated figures were based on more precise figures than those shown in the table. Therefore, figures such as percentages may differ from expected values due to rounding.

3/ Total includes immigrants coming to Hawaii from any of the 50 states or the District of Columbia. Only 15 individual states are listed in the rankings shown in this table.

Source: U.S. Census Bureau, 2006 American Community Survey "Table. Movers Within and Between States, the District of Columbia, and Puerto Rico"

<http://www.census.gov/acs/www/Downloads/State_to_State_Migrations_Table_2006.xls>

accessed April 14, 2008 and "B07003. Residence 1 Year Ago by Sex in the United States"

<http://factfinder.census.gov/servlet/DTTable?_bm=y&-context=dt&-ds_name=ACS_2006_EST_G00_&-mt_name=ACS_2006_EST_G2000_B07003&-CONTEXT=dt&-tree_id=306&-geo_id=04000US15&-search_results=01000US&-format=&-_lang=en> accessed April 7, 2008;

calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.72-- TOP DOMESTIC OUTMIGRATION STATES: 2006

[Ranked by largest number. Population 1 year and over. State of residence in 2005 was Hawaii, but different state of residence in 2006. Data based on a sample]

| Rank | State | Estimate | Margin of error 1/ | % Estimate 2/ | Margin of error for % 1/ |
|------|----------------------|----------|--------------------|---------------|--------------------------|
| | Total outmigrants 3/ | 72,333 | +/-8,049 | (X) | (X) |
| 1 | California | 14,421 | +/-3,382 | 19.9 | +/-4.1 |
| 2 | Texas | 8,183 | +/-2,937 | 11.3 | +/-3.9 |
| 3 | Washington | 4,703 | +/-1,485 | 6.5 | +/-1.9 |
| 4 | Florida | 4,274 | +/-2,047 | 5.9 | +/-2.8 |
| 5 | Nevada | 3,865 | +/-1,860 | 5.3 | +/-2.5 |
| 6 | Virginia | 3,480 | +/-2,285 | 4.8 | +/-3.1 |
| 7 | Oregon | 3,269 | +/-1,821 | 4.5 | +/-2.5 |
| 8 | Arizona | 2,840 | +/-1,982 | 3.9 | +/-2.7 |
| 9 | North Carolina | 2,807 | +/-2,896 | 3.9 | +/-4.0 |
| 10 | Colorado | 2,351 | +/-1,073 | 3.3 | +/-1.4 |
| 11 | South Carolina | 1,729 | +/-1,494 | 2.4 | +/-2.0 |
| 12 | Maryland | 1,627 | +/-1,161 | 2.2 | +/-1.6 |
| 13 | Illinois | 1,609 | +/-688 | 2.2 | +/-0.9 |
| 14 | New York | 1,240 | +/-821 | 1.7 | +/-1.1 |
| 15 | Alaska | 1,190 | +/-967 | 1.6 | +/-1.3 |

X Not applicable.

1/ Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the estimates are subject to nonsampling error. The effect of nonsampling error is not represented in these tables.

2/ Calculated figures were based on more precise figures than those shown in the table. Therefore, figures such as percentages may differ from expected values due to rounding.

3/ Total includes outmigrants from Hawaii leaving for any of the 50 states and the District of Columbia. Only 15 individual states are listed in the rankings shown in this table.

Source: U.S. Census Bureau, 2006 American Community Survey "Table. Movers Within and Between States, the District of Columbia, and Puerto Rico"

<http://www.census.gov/acs/www/Downloads/State_to_State_Migrations_Table_2006.xls> accessed April 14, 2008 and "B01001. Sex by Age"

<http://factfinder.census.gov/servlet/DTTable?_bm=y&-context=dt&-ds_name=ACS_2006_EST_G00_&-mt_name=ACS_2006_EST_G2000_B01001&-CONTEXT=dt&-tree_id=306&-geo_id=04000US15&-search_results=01000US&-format=&-_lang=en> accessed June 20, 2008; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Section 2

VITAL STATISTICS AND HEALTH

This section presents data on births, deaths, marriages, divorces, diseases, accidents, health risk behaviors such as drinking and smoking, hospitals, and health care personnel.

The major source for data on vital statistics and health is the Hawaii State Department of Health. Information is also available on health care businesses from the U.S. Census Bureau's 2002 Economic Census. Long-term trends are traced in *Historical Statistics of Hawaii*, Section 2. Sections 2 and 3 of the *Statistical Abstract of the United States: 2008* contain data for the nation as a whole.

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Table 2.01-- BIRTHS AND DEATHS: 1990 TO 2006

[Place of occurrence basis]

| Year | Resident births 2/ | Resident deaths 2/ | Rates per 1,000 resident population 1/ | | Rates per 1,000 live births | | |
|------|--------------------|--------------------|--|--------|-----------------------------|-----------------|------------------|
| | | | Births | Deaths | To unmarried mothers | Fetal deaths 3/ | Infant deaths 4/ |
| 1990 | 20,438 | 6,687 | 18.4 | 6.0 | 249.3 | 10.4 | 7.1 |
| 1991 | 19,880 | 6,696 | 17.5 | 5.9 | 262.5 | 10.5 | 7.0 |
| 1992 | 19,837 | 6,846 | 17.1 | 5.9 | 264.5 | 11.1 | 6.5 |
| 1993 | 19,567 | 7,226 | 16.7 | 6.2 | 273.0 | 11.7 | 7.6 |
| 1994 | 19,438 | 7,206 | 16.4 | 6.1 | 283.8 | 12.0 | 6.8 |
| 1995 | 18,552 | 7,482 | 15.5 | 6.3 | 291.8 | 12.1 | 5.9 |
| 1996 | 18,378 | 7,803 | 15.3 | 6.5 | 302.3 | 9.6 | 5.8 |
| 1997 | 17,326 | 7,710 | 14.3 | 6.4 | 299.0 | 8.5 | 6.4 |
| 1998 | 17,567 | 7,969 | 14.5 | 6.6 | 319.4 | 8.1 | 6.8 |
| 1999 | 17,032 | 8,125 | 14.1 | 6.7 | 328.4 | 10.8 | 7.1 |
| 2000 | 17,514 | 8,163 | 14.5 | 6.7 | 322.7 | 9.5 | 7.8 |
| 2001 | 17,043 | 8,252 | 14.0 | 6.8 | 330.7 | 11.4 | 6.2 |
| 2002 | 17,444 | 8,650 | 14.2 | 7.0 | 337.2 | 10.2 | 7.0 |
| 2003 | 18,066 | 8,850 | 14.6 | 7.1 | 335.3 | 10.6 | 7.6 |
| 2004 | 18,238 | 8,888 | 14.5 | 7.1 | 345.0 | 8.7 | 5.5 |
| 2005 | 17,882 | 8,988 | 14.1 | 7.1 | 362.3 | 8.1 | 6.9 |
| 2006 | 18,927 | 9,290 | 14.8 | 7.3 | 362.4 | 7.8 | 5.9 |

1/ Based on July 1 estimates by the U.S. Census Bureau, as revised through Dec. 27, 2007. Rates for 2000 and beyond may differ from previous *Data Books* due to revisions to these population figures. Population estimates for 1991 through 1999 were revised based upon the April 1, 2000 figures which were released April 19, 2002.

2/ Data include births to military couples and deaths of armed forces and their dependents, but exclude nonresident births and deaths, as well as resident births and deaths occurring out of State.

3/ 20 weeks gestation and over. Includes elective abortions.

4/ Under 1 year of age.

Source: Hawaii State Department of Health, *Statistical Report* (annual), and Office of Health Status Monitoring, records; U.S. Census Bureau, Population Division "Table 1: Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2007" (NST-EST2007-01) (December 27, 2007) <<http://www.census.gov/popest/states/tables/NST-EST2007-01.xls>> accessed December 27, 2007; calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

Table 2.02-- BIRTHS AND DEATHS, BY MILITARY STATUS: 2002 TO 2006

[Place of occurrence basis]

| Subject | All groups | Armed forces | Civilians 1/ | | | Armed forces and dependents |
|-----------------|------------|--------------|---------------|---------------------|-----------------|-----------------------------|
| | | | All civilians | Military dependents | Other civilians | |
| Live births: | | | | | | |
| 2002 | 17,514 | - | 17,514 | 2,886 | 14,628 | 2,886 |
| 2003 | 18,141 | - | 18,141 | 3,013 | 15,128 | 3,013 |
| 2004 | 18,296 | - | 18,296 | 2,972 | 15,324 | 2,972 |
| 2005 | 17,922 | - | 17,922 | 2,692 | 15,230 | 2,692 |
| 2006 | 18,986 | - | 18,986 | 3,281 | 15,705 | 3,281 |
| Deaths: | | | | | | |
| 2002 | 8,986 | 33 | 8,953 | 51 | 8,902 | 84 |
| 2003 | 9,179 | 33 | 9,146 | 56 | 9,090 | 89 |
| 2004 | 9,252 | 42 | 9,210 | 59 | 9,151 | 101 |
| 2005 | 9,330 | 51 | 9,279 | 60 | 9,219 | 111 |
| 2006 | 9,622 | 41 | 9,581 | 55 | 9,526 | 96 |
| Birth rates: 2/ | | | | | | |
| 2002 | 13.0 | 0 | 3/ 13.5 | 58.8 | 11.7 | 31.1 |
| 2003 | 3/ 13.5 | 0 | 13.9 | 56.4 | 12.1 | 30.8 |
| 2004 | 3/ 13.4 | 0 | 13.8 | 52.1 | 12.1 | 28.9 |
| 2005 | 12.9 | 0 | 13.3 | 46.8 | 11.8 | 26.4 |
| 2006 | 13.6 | 0 | 14.0 | 61.8 | 12.1 | 33.6 |
| Death rates: 2/ | | | | | | |
| 2002 | 6.7 | 0.8 | 6.9 | 1.0 | 7.1 | 0.9 |
| 2003 | 6.8 | 0.7 | 7.0 | 1.0 | 3/ 7.3 | 0.9 |
| 2004 | 3/ 6.8 | 0.9 | 3/ 7.0 | 1.0 | 7.2 | 1.0 |
| 2005 | 6.7 | 1.1 | 6.9 | 1.0 | 3/ 7.2 | 1.1 |
| 2006 | 6.9 | 0.9 | 7.1 | 1.0 | 7.3 | 1.0 |

1/ Death rates for military dependents based on decennial census age and sex composition of military dependents and decennial census age-sex-specific death rates for the military dependents. Deaths of civilians other than military dependents calculated as residual.

2/ Per 1,000 de facto population in each group. Calculation of de facto population are based on July 1 estimates by the U.S. Census Bureau as revised through December 27, 2007 as well as the population estimates for 1991 through 1999 which were revised based upon the April 1, 2000 figures and released on April 19, 2002.

3/ Revised from previous *Data Book*.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records; U.S. Census Bureau, Population Division, Table 1: Annual Estimates of the Population for the United States, Regions, States, and for Puerto Rico: April 1, 2000 to July 1, 2007" (NST-EST2007-01) (December 27, 2007) <<http://www.census.gov/popest/states/tables/NST-EST2007-01.xls>> accessed December 27, 2007; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.03-- LIVE BIRTHS, STANDARD FETAL DEATHS, AND ELECTIVE ABORTIONS: 1999 TO 2006

[Place of residence basis]

| Year | Total deliveries | | Live births | Standard fetal deaths | Elective abortions |
|------|------------------|--|-------------|-----------------------|--------------------|
| | Number | Rates per 1,000 resident population 1/ | | | |
| 1999 | 22,266 | 18.4 | 17,032 | 903 | 4,331 |
| 2000 | 22,240 | 18.4 | 17,514 | 825 | 3,901 |
| 2001 | 21,764 | 17.9 | 17,043 | 759 | 3,962 |
| 2002 | 22,172 | 18.0 | 17,444 | 831 | 3,897 |
| 2003 | 22,509 | 18.1 | 18,066 | 862 | 3,581 |
| 2004 | 22,564 | 18.0 | 18,238 | 884 | 3,442 |
| 2005 | 22,303 | 17.6 | 17,882 | 897 | 3,524 |
| 2006 | 23,219 | 18.2 | 18,927 | 827 | 3,465 |

1/ Based on July 1 estimates by the U.S. Census Bureau, as revised through Dec. 27, 2007. Rates for 2000 and beyond may differ from previous *Data Books* due to revisions to these population figures. Population estimates for 1991 through 1999 were revised based upon the April 1, 2000 figures which were released April 19, 2002.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records; U.S. Census Bureau, Population Division "Table 1: Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2007" (NST-EST2007-01) (December 27, 2007) <<http://www.census.gov/popest/states/tables/NST-EST2007-01.xls>> accessed December 27, 2007; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.04-- BIRTHS AND DEATHS, BY RESIDENCE: 2002 TO 2006

[Place of occurrence basis]

| Event and year | Total | Resident 1/ | Nonresident | Not reported |
|-----------------------|--------------|--------------------|--------------------|---------------------|
| Births: | | | | |
| 2002 | 17,514 | 17,444 | 67 | 3 |
| 2003 | 18,141 | 18,066 | 73 | 2 |
| 2004 | 18,296 | 18,238 | 57 | 1 |
| 2005 | 17,922 | 17,882 | 37 | 3 |
| 2006 | 18,986 | 18,927 | 58 | 1 |
| Deaths: | | | | |
| 2002 | 8,986 | 8,650 | 330 | 6 |
| 2003 | 9,179 | 8,850 | 318 | 11 |
| 2004 | 9,252 | 8,888 | 352 | 12 |
| 2005 | 9,330 | 8,988 | 331 | 11 |
| 2006 | 9,622 | 9,290 | 313 | 19 |

1/ Data include births to military couples and deaths of armed forces and their dependents, but exclude nonresident births and deaths, as well as resident births and deaths occurring out of State.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records.

Table 2.05-- CHARACTERISTICS OF RESIDENT BIRTHS: 2004 TO 2006

[Place of residence basis. Excludes births to Hawaii residents occurring out of state]

| Subject | 2004 | 2005 | 2006 |
|---|-------------|-------------|-------------|
| Number of resident births | 18,238 | 17,882 | 18,927 |
| City and County of Honolulu | 13,288 | 12,949 | 13,683 |
| Percent on Oahu | 72.9 | 72.4 | 72.3 |
| Hawaii County | 2,230 | 2,297 | 2,376 |
| Kauai County | 825 | 727 | 841 |
| Maui County (incl. Kalawao) | 1,895 | 1,909 | 2,027 |
| Percent attended by M.D. or D.O. in hospital | 94.8 | 94.2 | 93.7 |
| Males per 100 females | 104.9 | 107.3 | 108.1 |
| Median weight of single births (grams) | 3,291 | 3,289 | 3,289 |
| Percent low birth weight (under 2,500 grams) | 7.9 | 8.2 | 8.0 |
| Percent single births under 40 weeks gestation | 68.5 | 68.3 | 68.8 |
| Percent plural | 2.9 | 2.8 | 3.0 |
| Percent with 1 or more congenital malformations | 3.6 | 4.8 | 5.5 |
| Percent to unmarried mothers | 34.5 | 36.3 | 36.2 |
| Percent with prenatal visit in first three months | 79.0 | 79.1 | 79.0 |
| Percent first child born to mother 1/ | 29.5 | 29.7 | 31.5 |
| Percent first child born alive to mother | 39.9 | 40.3 | 41.6 |
| Median age of mothers (years) | 28 | 28 | 28 |
| Median age of known fathers (years) | 30 | 30 | 30 |

1/ Includes live births, fetal deaths, and abortions.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records.

Table 2.06-- BIRTH AND FERTILITY RATES FOR THE UNITED STATES AND HAWAII: 2005

[Registered births. Excludes births to nonresidents of the United States. Data are preliminary]

| Type of rate | United States | Hawaii | Rank 1/ |
|------------------------------------|---------------|--------------|------------|
| Birth rate 2/ Fertility rate 4/ | 14.0 66.7 | 14.1 72.9 | 3/ 19 8 |

1/ Among 50 States and D.C., highest rate ranking 1.

2/ Per 1,000 estimated population.

3/ Tied with one other state.

4/ Number of births per 1,000 women aged 15 to 44 years estimated.

Source: U.S. National Center for Health Statistics, as cited in *Statistical Abstract of the United States: 2008*, table 81 <<http://www.census.gov/compendia/statab/tables/08s0081.xls>> accessed January 4, 2008.

**Table 2.07-- RESIDENT BIRTHS, MIXED AND UNMIXED RACE,
BY MILITARY STATUS OF PARENT: 2006**

[Place of residence basis. Excludes births to Hawaii residents occurring out of state]

| Military status of parent | Total births | Unmixed | Mixed 1/ | Not reported 2/ | Percent mixed 3/ |
|----------------------------------|---------------------|----------------|-----------------|------------------------|-------------------------|
| Total | 18,927 | 7,474 | 10,472 | 981 | 58.4 |
| Military | 3,276 | 2,189 | 1,008 | 79 | 31.5 |
| Civilian | 14,127 | 5,255 | 8,865 | 7 | 62.8 |
| Status not reported | 1,524 | 30 | 599 | 895 | 95.2 |

1/ Includes births in which the ethnicity of the father is different from the ethnicity of the mother or births in which the father or the mother are of two or more ethnicities. Includes births in which both parents were "Part Hawaiian" or both parents were "Other race". In the years prior to 2001, births in which both the father and mother were "Part Hawaiian" or both the father and mother were "Other race" were classified as unmixed.

2/ One or both parents of unspecified race (unless one was Part Hawaiian) or both parents classified as "other".

3/ Based on number reporting.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records.

**Table 2.08-- MOST COMMON FIRST NAMES ON BIRTH CERTIFICATES,
BY SEX: 2006**

[Place of occurrence basis. A total of 8,921 first names, including variant spellings, was reported for the 18,986 babies born in Hawaii in 2006]

| Boys' names | | | Girls' names | | |
|-------------|--------|--------|--------------|----------|--------|
| Rank | Name | Number | Rank | Name | Number |
| 1 | Noah | 95 | 1 | Isabella | 57 |
| 2 | Joshua | 90 | 2 | Madison | 50 |
| 3 | Ethan | 77 | 3 | Emma | 49 |
| 4 | Dylan | 72 | 3 | Hailey | 49 |
| 5 | Elijah | 67 | 5 | Ava | 45 |
| 5 | Tyler | 67 | 5 | Kayla | 45 |
| 7 | Jacob | 66 | 5 | Malia | 45 |
| 8 | Logan | 63 | 8 | Mia | 44 |
| 9 | Isaiah | 60 | 9 | Taylor | 41 |
| 10 | Caleb | 58 | 10 | Emily | 40 |
| | | | 10 | Jasmine | 40 |

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records.

**Table 2.09-- MOST COMMON SURNAMES ON BIRTH AND DEATH
CERTIFICATES: 2006**

| Birth certificates | | | Death certificates | | |
|--------------------|---------|--------|--------------------|----------|--------|
| Rank | Surname | Births | Rank | Surname | Deaths |
| 1 | Lee | 78 | 1 | Lee | 73 |
| 2 | Smith | 64 | 2 | Wong | 58 |
| 3 | Wong | 59 | 3 | Kim | 42 |
| 4 | Johnson | 54 | 4 | Tanaka | 36 |
| 5 | Brown | 50 | 5 | Chang | 34 |
| 6 | Silva | 45 | 5 | Higa | 34 |
| 7 | Kim | 43 | 7 | Ching | 32 |
| 8 | Garcia | 40 | 8 | Yamamoto | 31 |
| 8 | Jones | 40 | 9 | Chun | 30 |
| 10 | Young | 37 | 10 | Lum | 28 |

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records.

**Table 2.10-- EXPECTATION OF LIFE AT BIRTH FOR BOTH SEXES
COMBINED, BY RACE: 1910 TO 1990**

[In years]

| Year | All races | Caucasian | Chinese | Filipino | Hawaiian and Part- Hawaiian | Japanese | Other |
|-------------|------------------|------------------|----------------|-----------------|--|-----------------|--------------|
| 1910 | 43.96 | 54.83 | 54.17 | (NA) | 32.58 | 49.34 | 15.62 |
| 1920 | 45.69 | 56.45 | 53.80 | 28.12 | 33.56 | 50.54 | 28.38 |
| 1930 | 53.95 | 61.90 | 60.07 | 46.14 | 41.87 | 60.07 | 32.58 |
| 1940 | 62.00 | 64.03 | 65.32 | 56.85 | 51.78 | 66.28 | 59.48 |
| 1950 | 69.53 | 69.21 | 69.74 | 69.05 | 62.45 | 72.58 | 68.29 |
| 1960 | 72.42 | 72.80 | 74.12 | 71.53 | 64.60 | 75.68 | 62.19 |
| 1970 | 74.20 | 73.24 | 76.11 | 72.61 | 67.62 | 77.44 | 76.74 |
| 1980 | 77.78 | 75.79 | 81.65 | 79.32 | 71.83 | 80.91 | 78.98 |
| 1990 | 78.85 | 75.53 | 82.93 | 78.94 | 74.27 | 82.06 | 80.37 |

NA Not available.

Source: Hawaii State Department of Health, "Life Tables by Ethnic Group for Hawaii, 1980," by Robert W. Gardner, *R & S Report*, No. 47, (March 1984), p. 7, and "Life Expectancy in the State of Hawai'i 1980 and 1990," *R & S Report*, No. 63 (August 1996), pp. 18-33.

Table 2.11-- EXPECTATION OF LIFE AT BIRTH, BY SEX, FOR THE UNITED STATES AND HAWAII: 1900 TO 2005

[Average expectation of life in years]

| Year | United States 1/ | | | Hawaii | | |
|------|------------------|---------|---------|------------|-------|--------|
| | Both sexes | Male | Female | Both sexes | Male | Female |
| 1900 | 47.3 | 46.3 | 48.3 | (NA) | (NA) | (NA) |
| 1910 | 50.0 | 48.4 | 51.8 | 43.96 | 44.04 | 43.83 |
| 1920 | 54.1 | 53.6 | 54.6 | 45.69 | 45.64 | 45.75 |
| 1930 | 59.7 | 58.1 | 61.6 | 53.95 | 52.70 | 55.86 |
| 1940 | 62.9 | 60.8 | 65.2 | 62.00 | 59.92 | 64.86 |
| 1950 | 68.2 | 65.6 | 71.1 | 69.53 | 67.77 | 71.67 |
| 1960 | 69.7 | 66.6 | 73.1 | 72.42 | 70.39 | 74.75 |
| 1970 | 70.8 | 67.1 | 74.7 | 74.20 | 72.12 | 76.44 |
| 1980 | 73.7 | 70.0 | 77.4 | 77.78 | 74.54 | 81.51 |
| 1990 | 75.4 | 71.8 | 78.8 | 78.85 | 75.90 | 82.06 |
| 2000 | 77.0 | 74.3 | 79.7 | 79.80 | 77.10 | 82.50 |
| 2001 | 77.2 | 74.4 | 79.8 | (NA) | (NA) | (NA) |
| 2002 | 77.3 | 74.5 | 79.9 | (NA) | (NA) | (NA) |
| 2003 | 2/ 77.4 | 2/ 74.7 | 2/ 80.0 | (NA) | (NA) | (NA) |
| 2004 | 77.8 | 75.2 | 80.4 | (NA) | (NA) | (NA) |
| 2005 | 77.8 | 75.2 | 80.4 | (NA) | (NA) | (NA) |

NA Not available.

1/ 1910 and 1920 data are for the death-registration states only.

2/ Revised from previous *Data Book* .

Source: U.S. Bureau of the Census, *Historical Statistics of the United States, Colonial Times to 1970*, Part 1 (1975), p. 55; Hawaii State Department of Health, Office of Health Status Monitoring, "Life Tables by Ethnic Group for Hawaii, 1920-1970," R & S Report, No. 26 (June 1979), pp. 8-26; and "Life Expectancy in the State of Hawai'i, 1980 and 1990," R & S Report, No. 63 (August 1996), p. 9; U.S. Department of Health and Human Services, National Center for Health Statistics, "Average Life Expectancy at Birth by State for 2000 and Ratio of Estimates and Projections of Deaths: 2001 to 2003", Table 2 (April 21, 2005) <<http://www.census.gov/population/projections/MethTab2.xls>> accessed June 6, 2006, *Health, United States, 2006* , Table 27 (February 2007) <<http://www.cdc.gov/nchs/data/hs/hs06.pdf#027>> accessed July 5, 2007, and *Health, United States, 2007* , Table 27 (November 2007) <<http://www.cdc.gov/nchs/data/hs/hs07.pdf#027>> accessed May 23, 2008.

**Table 2.12-- EXPECTATION OF LIFE AT BIRTH, BY SEX,
BY COUNTY: 2005**

[Average expectation of life in years. 2004-2006 average used to calculate the death rate]

| County | Both sexes | Male | Female |
|-----------------|-------------------|-------------|---------------|
| State of Hawaii | 80.8 | 78.2 | 83.3 |
| Hawaii | 79.7 | 77.2 | 82.2 |
| Honolulu | 80.9 | 78.2 | 83.5 |
| Kauai | 80.7 | 78.1 | 83.3 |
| Maui 1/ | 80.6 | 78.4 | 82.8 |

1/ Maui County includes Kalawao County.

Source: Hawaii State Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2035 - DBEDT 2035 Series*, (January 2008), Appendix tables A-27 to A-36 <http://hawaii.gov/dbedt/info/economic/data_reports/2035LongRangeSeries/2035_Long_Range_Series_Appendix_Tables.xls> accessed May 18, 2008 and records.

Table 2.13-- AVERAGE LIFETIME, BY SEX: 1959-61 TO 1989-91

| Period | Years | | | Rank 1/ | | |
|--------------|------------|-------|--------|------------|------|--------|
| | Both sexes | Male | Female | Both sexes | Male | Female |
| 1959-1961 | 71.55 | 69.79 | 74.01 | 7 | (NA) | (NA) |
| 1969-1971 | 73.60 | 71.02 | 76.79 | 1 | 1 | 3 |
| 1979-1981 | 77.02 | 74.08 | 80.33 | 1 | 1 | 1 |
| 1989-1991 2/ | 78.21 | 75.37 | 81.26 | 1 | 1 | 1 |

NA Not available.

1/ Among the 50 states and D.C., with the highest average lifetime in years ranking 1.

2/ Average lifetime for all states combined was 75.37 years for both sexes combined, 71.83 years for males, and 78.81 years for females.

Source: U.S. Department of Health, Education, and Welfare, National Center for Health Statistics, *Life Tables: 1959-61*, Vol. 2, No. 12, *Hawaii State Life Tables: 1959-61* (June 1966), p. 160, and unpublished tabulations; U.S. Department of Health, Education, and Welfare, National Center for Health Statistics, *U.S. Decennial Life Tables for 1969-71*, Vol. II, No. 12, *Hawaii State Life Tables: 1969-71* (June 1975), p. 12-6; and U.S. Department of Health and Human Services, National Center for Health Statistics, *U.S. Decennial Life Tables for 1979-81*, Vol II, *State Life Tables*, No. 12, *Hawaii* (December 1985) p. 12-3, and *U.S. Decennial Life Tables for 1989-91*, Vol. II, *State Life Tables*, No. 12, *Hawaii* (March 1998), p. 4.

Table 2.14-- SELECTED LIFE TABLE VALUES: 1989-91

| Exact age in years | Average number of years of life remaining at beginning of year of age | | | Number surviving to specified age per 100,000 born alive | | |
|--------------------|---|-------|--------|--|---------|---------|
| | Both sexes | Male | Female | Both sexes | Male | Female |
| 0 | 78.21 | 75.37 | 81.26 | 100,000 | 100,000 | 100,000 |
| 1 | 77.80 | 75.01 | 80.78 | 99,253 | 99,154 | 99,358 |
| 5 | 73.95 | 71.18 | 76.92 | 99,053 | 98,925 | 99,189 |
| 15 | 64.12 | 61.37 | 67.06 | 98,817 | 98,647 | 98,997 |
| 25 | 54.53 | 51.89 | 57.32 | 98,128 | 97,739 | 98,570 |
| 35 | 45.04 | 42.58 | 47.59 | 97,132 | 96,291 | 98,063 |
| 45 | 35.74 | 33.49 | 38.06 | 95,418 | 93,989 | 96,982 |
| 55 | 26.98 | 24.93 | 29.06 | 91,637 | 89,354 | 94,067 |
| 65 | 18.98 | 17.31 | 20.66 | 83,847 | 79,600 | 88,093 |
| 75 | 12.01 | 10.88 | 13.07 | 68,406 | 61,075 | 76,007 |
| 85 | 6.55 | 5.71 | 7.07 | 40,617 | 32,940 | 49,596 |
| 95 | 3.29 | 2.92 | 3.40 | 8,840 | 5,002 | 12,652 |

Source: U.S. Department of Health and Human Services, National Center for Health Statistics, *U.S. Decennial Life Tables for 1989-91*, Vol. II, *State Life Tables*, No. 12, *Hawaii* (March 1998), pp. 6-11.

Table 2.15-- SELECTED LIFE TABLE VALUES: 2004-2006

| Exact age in years | Average number of years of life remaining at beginning of year of age | | | Number surviving to specified age per 100,000 born alive | | |
|--------------------|---|------|--------|--|---------|---------|
| | Both sexes | Male | Female | Both sexes | Male | Female |
| 0 | 80.8 | 78.2 | 83.3 | 100,000 | 100,000 | 100,000 |
| 1 | 80.3 | 77.7 | 82.8 | 99,412 | 99,368 | 99,459 |
| 5 | 76.3 | 73.8 | 78.9 | 99,296 | 99,241 | 99,355 |
| 15 | 66.4 | 63.9 | 69.0 | 99,159 | 99,090 | 99,232 |
| 25 | 56.8 | 54.3 | 59.2 | 98,590 | 98,329 | 98,869 |
| 35 | 47.2 | 44.9 | 49.4 | 97,783 | 97,187 | 98,407 |
| 45 | 37.9 | 35.7 | 40.0 | 96,250 | 95,308 | 97,217 |
| 55 | 29.0 | 26.9 | 30.9 | 93,122 | 91,542 | 94,731 |
| 65 | 20.6 | 18.7 | 22.3 | 86,822 | 84,152 | 89,521 |
| 75 | 13.4 | 12.0 | 14.6 | 73,367 | 67,736 | 78,725 |
| 85 | 7.3 | 6.5 | 8.0 | 48,898 | 39,985 | 57,313 |
| 95 | 3.6 | 2.7 | 4.1 | 13,078 | 8,311 | 17,839 |

Source: Hawaii State Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2035 - DBEDT 2035 Series* (January 2008), Appendix tables A-27 and A-28 <http://hawaii.gov/dbedt/info/economic/data_reports/2035LongRangeSeries/2035_Long_Range_Series_Appendix_Tables.xls> accessed May 18, 2008 and records.

Table 2.16-- CHARACTERISTICS OF RESIDENT DEATHS: 2004 TO 2006

[Place of residence basis. Excludes deaths to Hawaii residents occurring out of state]

| Subject | 2004 | 2005 | 2006 |
|---|-------|-------|-------|
| Number of resident deaths | 8,888 | 8,988 | 9,290 |
| City and County of Honolulu | 6,314 | 6,366 | 6,530 |
| Hawaii County | 1,222 | 1,227 | 1,367 |
| Kauai County | 463 | 486 | 491 |
| Maui County (incl. Kalawao) | 889 | 909 | 902 |
| Males per 100 females | 122.8 | 120.3 | 119.3 |
| Median age (years) | 78 | 78 | 78 |
| Centenarian deaths: Male | 22 | 20 | 33 |
| Female | 68 | 52 | 73 |
| Oldest (age in years): Male | 105 | 103 | 105 |
| Female | 109 | 111 | 106 |
| Percent married | 42.2 | 41.6 | 41.4 |
| Deaths under 1 year | 97 | 114 | 107 |
| Per 1,000 live births | 5.3 | 6.4 | 5.7 |
| Fetal deaths 1/ | 4,326 | 4,421 | 4,292 |
| Per 1,000 deliveries | 192 | 198 | 185 |
| Fetal deaths, 20 or more weeks gestation 2/ | 153 | 141 | 141 |
| Per 1,000 live births | 8.4 | 7.9 | 7.4 |
| Standard fetal deaths 3/ | 884 | 897 | 827 |
| Elective abortions | 3,442 | 3,524 | 3,465 |
| Per 1,000 live births | 188.7 | 197.1 | 183.1 |

1/ Includes elective abortions.

2/ Includes elective abortions if 20 weeks or more.

3/ Excludes elective abortions.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records.

Table 2.17-- CAUSES OF DEATH, BY SEX: 2006

[Place of residence basis]

| Causes of death 1/ | Both sexes | Males 2/ | Females |
|--|------------|----------|---------|
| Total deaths | 9,290 | 5,053 | 4,237 |
| Malignant neoplasm 3/ | 2,132 | 1,155 | 977 |
| Stomach | 104 | 56 | 48 |
| Colon, rectum and anus | 207 | 109 | 98 |
| Pancreas | 148 | 70 | 78 |
| Trachea, bronchus and lung | 558 | 340 | 218 |
| Breast (Female) | 142 | - | 142 |
| Cervix uteri, corpus uteri and ovary | 93 | - | 93 |
| Prostate | 84 | 84 | - |
| Urinary tract | 83 | 58 | 25 |
| Non-Hodgkin's lymphoma | 76 | 43 | 33 |
| Leukemia | 74 | 45 | 29 |
| Other malignant neoplasms | 563 | 350 | 213 |
| Diabetes mellitus | 271 | 137 | 134 |
| Alzheimer's disease | 199 | 72 | 127 |
| Diseases of the heart | 2,209 | 1,310 | 899 |
| Hypertensive heart disease | 72 | 37 | 35 |
| Ischemic heart disease | 1,280 | 815 | 465 |
| Other forms of heart disease | 857 | 458 | 399 |
| Hypertension | 116 | 56 | 60 |
| Cerebrovascular disease | 649 | 301 | 348 |
| Atherosclerosis | 16 | 8 | 8 |
| Other circulatory system diseases | 98 | 49 | 49 |
| Influenza/pneumonia | 252 | 136 | 116 |
| Chronic lower respiratory diseases | 290 | 159 | 131 |
| Peptic Ulcer | 17 | 10 | 7 |
| Chronic liver disease and cirrhosis | 85 | 59 | 26 |
| Nephritis and nephrosis | 174 | 106 | 68 |
| Pregnancy, Childbirth and Puerperium | 13 | - | 13 |
| Perinatal conditions | 60 | 37 | 23 |
| Congenital anomalies | 38 | 16 | 22 |
| Symptoms and ill-defined conditions | 162 | 69 | 93 |
| Other diseases 4/ | 1,837 | 924 | 913 |
| Motor vehicle accidents | 155 | 106 | 49 |
| All other and unspecified accidents and adverse effects | 289 | 186 | 103 |
| Intentional self-harm (suicide) | 120 | 89 | 31 |
| Assault (homicide) | 28 | 16 | 12 |
| All other external causes | 80 | 52 | 28 |

1/ Causes of death were coded according to the International Classification of Diseases, Version 10.

2/ Unknown sex classified as male.

3/ Commonly known as cancer.

4/ Includes Tuberculosis, HIV Disease and Sudden Infant Death Syndrome.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records.

**Table 2.18-- GREATEST CATASTROPHIC MORTALITY OF RECORD,
BY TYPE OF DISASTER: 1778 TO 2008**

[Complete through June 6, 2008]

| Type of disaster | Date | Location | Event | Deaths |
|------------------|----------------|--------------------------|---|-----------|
| Aircraft | Mar. 22, 1955 | Waianae Mts. | Crash of MATS R6-D | 66 |
| Asphyxiation | Oct. 19, 1937 | Palama | Leaking gas in house | 8 |
| Construction | Mar. 25, 1930 | Kauai | Collapse of Alexander Dam | 6 |
| Earthquake | Apr. 2, 1868 | Ka'u; Puna | Earthquake | 32 |
| Explosion | May 21, 1944 | West Loch | Explosions on 9 Navy ships loading ammunition | 163 |
| Fire | June 8, 1944 | Kalihi | Colliding bombers set fire to houses 1/ | 10 |
| | Oct. 15, 1997 | Palolo | Fire destroyed 3 houses | 7 |
| Flood | Jan. 18, 1916 | Iao; Wailuku | Cloudburst and flood | 14 |
| Homicide | Nov. 2, 1999 | Iwilei | Mass murder in office | 7 |
| Hurricane | Sept. 11, 1992 | Kauai; Oahu | Hurricane Iniki | 8 |
| Landslide | May 9, 1999 | Sacred Falls | Landslide | 8 |
| Marine | 1829 or 1830 | New Hebrides | Losses to Boki's ships 2/ | 410 |
| Motor vehicle | July 2, 1944 | Waialua | Truck overturned on pedestrians | 7 |
| | July 5, 1969 | Kamehameha Hwy at Puuloa | 2-car accident | 7 |
| Railroad | June 26, 1916 | Near Hana | Work train derailed | 5 |
| Tsunami | Apr. 1, 1946 | Statewide | Tsunami | 159 |
| Volcano | Nov. 1790 | Kilauea | Eruption killed soldiers | 80 or 400 |
| War, riots, etc. | Dec. 7, 1941 | Oahu | Pearl Harbor attack | 2,500 |
| | Jan. 1790 | Olowalu | U.S. ship fired on native canoes | (3/) |
| | Sept. 9, 1924 | Hanapepe | Police fired on strikers | 20 |

1/ Death toll in burning houses; in addition, 4 airmen perished.

2/ Of Boki's two-ship expedition to New Hebrides, the *Kamehameha* and its crew of 250 vanished; the *Becket* survived but lost 160 of its crew.

3/ Greater than 100 deaths.

Source: Robert C. Schmitt, "Catastrophic Mortality in Hawaii," *The Hawaiian Journal of History*, Vol. 3 (1969), pp. 66-86, and "Catastrophic Mortality in Hawaii: An Update," *The Hawaiian Journal of History*, Vol. 23 (1989), pp. 217-227; Hawaii State Department of Business, Economic Development & Tourism, compiled from various newspaper sources.

Table 2.19-- CATASTROPHIC MORTALITY: 1994 TO 2008

[Includes all accidents, natural disasters, and other events causing five or more deaths. Complete through June 6, 2008]

| Date | Place | Kind of disaster | Deaths |
|----------------|---------------------------------|---|---------------|
| 1994: Jan. 21 | Keawaula Bay, Oahu | 1-car auto crash | 5 |
| 1995: Nov. 10 | Kuliouou, Oahu | 1-car auto crash | 5 |
| 1996: Nov. 1 | Halawa, Molokai | Airplane crash | 5 |
| 1997: Oct. 15 | Palolo Valley, Honolulu | 3 houses destroyed by fire | 7 |
| 1998: June 25 | Waialeale, Kauai | Helicopter crash | 6 |
| 1999: May 9 | Sacred Falls, Oahu | Landslide | 8 |
| Sept. 25 | Mauna Loa slope, Hawaii | Airplane crash | 10 |
| Nov. 2 | Iwilei, Honolulu | Mass murder in office | 7 |
| 2000: July 21 | Iao Valley, Maui | Helicopter crash | 7 |
| 2001: Feb. 9 | 9 mi. south of Diamond Head | Surfacing submarine hit and sank Japanese training ship | 9 |
| Feb. 12 | Mts. near Sunset Beach, Oahu | Crash of two Army helicopters | 6 |
| 2003: March 18 | Haleiwa, Oahu | 1-car auto crash | 5 |
| July 23 | Waialeale, Kauai | Helicopter crash | 5 |
| 2004: Sept. 24 | 4 mi. south of Waialeale, Kauai | Helicopter crash | 5 |
| 2006: March 14 | Kaloko Reservoir, Kauai | Dam breach | 1/ 7 |

1/ Three bodies were found and four persons were still missing on March 23, 2006 when search efforts were called off.

Source: Hawaii State Department of Business, Economic Development & Tourism, compiled from various newspaper sources.

**Table 2.20-- DEATHS BY METHOD OF DISPOSITION:
1980 TO 2006**

[Place of occurrence basis]

| Method | 1980 | 1990 | 2000 | 2004 | 2005 | 2006 |
|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|
| All methods | 5,204 | 7,055 | 8,511 | 9,252 | 9,330 | 9,622 |
| Burial | 2,343 | 2,798 | 2,767 | 2,696 | 2,667 | 2,648 |
| Cremation | 2,241 | 3,564 | 5,092 | 5,900 | 5,964 | 6,292 |
| Removal | 567 | 656 | 591 | 599 | 634 | 591 |
| Entombment | 44 | 35 | 19 | 7 | 8 | 15 |
| Medical science | - | - | 40 | 49 | 55 | 68 |
| Other | 1 | - | - | - | 1 | 2 |
| Unknown | 8 | 2 | 2 | 1 | 1 | 6 |

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records.

**Table 2.21-- PERSONS ON THE STATE BLIND REGISTER,
BY LEVEL OF VISUAL IMPAIRMENT, BY COUNTY: 2001 TO 2007**

[As of June 30]

| Year and Subject | State total | City and County of Honolulu | Hawaii County | Kauai County | Maui County |
|-------------------------------------|--------------------|--|--------------------------|-------------------------|------------------------|
| YEAR | | | | | |
| 2001 | 2,674 | 2,029 | 302 | 112 | 231 |
| 2002 1/ | 2,896 | 2,176 | 347 | 119 | 254 |
| 2003 | 3,077 | 2,325 | 361 | 132 | 259 |
| 2004 | 3,154 | 2,394 | 371 | 128 | 261 |
| 2005 | 3,229 | 2,462 | 388 | 133 | 246 |
| 2006 | 3,340 | 2,542 | 401 | 141 | 256 |
| LEVEL OF VISUAL IMPAIRMENT: 2007 | | | | | |
| Total | 3,400 | 2,587 | 403 | 142 | 268 |
| Blind 2/ | 3,128 | 2,398 | 360 | 123 | 247 |
| Visually impaired 3/ | 272 | 189 | 43 | 19 | 21 |

1/ Figures for June 30, 2002 reflect administrative efforts to review the database. Therefore, differences between 2001 and 2002 are mainly due to these administrative efforts to register previously served but unregistered persons.

2/ A person who has central vision acuity that does not exceed 20/200 in the better eye with correcting lenses or a person who has visual acuity that is greater than 20/200 but is accompanied by a limitation in the field of vision such that the widest diameter of the visual field subtends an angle no greater than 20 degrees.

3/ A person who has vision with correcting lenses that does not exceed 20/70 in the better eye, the vision is expected to deteriorate and the vision is so defective that it interferes with the individual's performance of ordinary activities for which eyesight is essential.

Source: Hawaii State Department of Human Services, Ho'opono Services for the Blind, records.

Table 2.22-- SELECTED CHRONIC CONDITIONS: 2004

[Excludes persons in institutions, military barracks, households without telephones, the homeless, and Ni`ihau. Sample survey consisted of 19,699 people. Data were provisionally weighted based on the Census 2000 data]

| Selected chronic conditions | Prevalence of condition 1/ | Conditions per 1,000 persons 2/ |
|------------------------------------|-----------------------------------|--|
| Diabetes | 69,564 | 56 |
| Hypertension | 194,309 | 157 |
| High blood cholesterol | 203,005 | 164 |
| Asthma | 116,956 | 95 |
| Arthritis | 104,385 | 85 |

1/ Number of persons told by a physician or medical professional that they have the condition.

2/ Population base includes persons under 18 years, not usually subject to some of these conditions.

Source: Hawaii State Department of Health, Hawaii Health Survey, special tabulation.

Table 2.23-- SELECTED CHRONIC CONDITIONS: 2005

[Excludes persons in institutions, military barracks, households without telephones, the homeless, and Ni`ihau. Sample survey consisted of 19,309 people. Data were provisionally weighted based on the Census 2000 data]

| Selected chronic conditions | Prevalence of condition 1/ | Conditions per 1,000 persons 2/ |
|------------------------------------|-----------------------------------|--|
| Diabetes | 74,800 | 60 |
| Hypertension | 201,981 | 162 |
| High blood cholesterol | 111,047 | 89 |
| Asthma | 122,808 | 99 |
| Arthritis | 104,938 | 84 |

1/ Number of persons told by a physician or medical professional that they have the condition.

2/ Population base includes persons under 18 years, not usually subject to some of these conditions.

Source: Hawaii State Department of Health, Hawaii Health Survey, special tabulation.

Table 2.24-- SELECTED CHRONIC CONDITIONS: 2006

[Excludes persons in institutions, military barracks, households without telephones, the homeless, and Ni`ihau. Sample survey consisted of 16,007 people. Data were provisionally weighted based on the Census 2000 data]

| Selected chronic conditions | Prevalence of condition 1/ | Conditions per 1,000 persons 2/ |
|------------------------------------|-----------------------------------|--|
| Diabetes | 81,675 | 65 |
| Hypertension | 222,358 | 178 |
| High blood cholesterol | 233,449 | 187 |
| Asthma | 136,430 | 109 |
| Arthritis | 119,004 | 95 |

1/ Number of persons told by a physician or medical professional that they have the condition.

2/ Population base includes persons under 18 years, not usually subject to some of these conditions.

Source: Hawaii State Department of Health, Hawaii Health Survey, special tabulation.

Table 2.25-- SELECTED CHRONIC CONDITIONS: 2007

[Excludes persons in institutions, military barracks, households without telephones, the homeless, and Ni`ihau. Sample survey consisted of 17,451 people. Data were provisionally weighted based on the Census 2000 data]

| Selected chronic conditions | Prevalence of condition 1/ | Conditions per 1,000 persons 2/ |
|------------------------------------|-----------------------------------|--|
| Diabetes | 90,812 | 72 |
| Hypertension | 227,323 | 179 |
| High blood cholesterol | 222,941 | 176 |
| Asthma | 131,568 | 104 |
| Arthritis | 120,446 | 95 |

1/ Number of persons told by a physician or medical professional that they have the condition.

2/ Population base includes persons under 18 years, not usually subject to some of these conditions.

Source: Hawaii State Department of Health, Hawaii Health Survey, special tabulation.

Table 2.26-- SPECIFIED COMMUNICABLE DISEASES: 2002 TO 2006

[2006 data reported as of December 2007; earlier data not updated]

| Disease | 2002 | 2003 | 2004 | 2005 | 2006 |
|--------------------------------|------|-------|-------|-------|-------|
| Cases: 1/ | | | | | |
| AIDS | 134 | 120 | 139 | 115 | 91 |
| Campylobacteriosis | 890 | 651 | 684 | 558 | 587 |
| E. coli 0157:H7 | 37 | 9 | 10 | 13 | 19 |
| Fish poisoning 2/ | 120 | 142 | 70 | 80 | 63 |
| Giardiasis | 91 | 94 | 80 | 63 | 58 |
| Gonorrhea | 747 | 1,264 | 1,194 | 1,024 | 885 |
| Hansen's Disease 3/ | 11 | 15 | 20 | 22 | 11 |
| Hepatitis A | 25 | 14 | 27 | 24 | 12 |
| Hepatitis B (Acute) | 12 | 22 | 11 | 10 | 8 |
| Influenza 4/ | 708 | 916 | 389 | 860 | 1,104 |
| Leptospirosis 5/ | 36 | 23 | 37 | 26 | 25 |
| Malaria 6/ | 9 | 6 | 4 | 18 | 9 |
| Measles (Rubeola) 6/ | 4 | 22 | 3 | 2 | - |
| Meningitis, bacterial | 9 | 14 | 9 | 12 | 10 |
| Mumps 7/ | 21 | 13 | 9 | 18 | 6 |
| Pertussis (whooping cough) 4/ | 30 | 11 | 30 | 147 | 87 |
| Pneumococcal disease | 128 | 142 | 103 | 90 | 115 |
| Rubella 6/ | - | 1 | - | - | - |
| Salmonellosis | 268 | 230 | 375 | 290 | 265 |
| Shigellosis | 72 | 46 | 49 | 35 | 45 |
| Syphilis (Primary & Secondary) | 11 | 14 | 8 | 11 | 12 |
| Tuberculosis | 148 | 117 | 116 | 112 | 115 |
| Deaths: 8/ | | | | | |
| AIDS | 25 | 20 | 23 | 18 | 17 |
| Hansen's Disease | - | - | (9/) | - | - |
| Hepatitis A | - | - | - | - | (9/) |
| Hepatitis B (Acute) | (9/) | (9/) | 10 | 6 | 6 |
| Influenza | (9/) | (9/) | (9/) | (9/) | (9/) |
| Leptospirosis | - | - | - | (9/) | - |
| Meningitis, bacterial | (9/) | - | - | (9/) | (9/) |
| Pneumococcal disease | (9/) | (9/) | (9/) | (9/) | (9/) |
| Salmonellosis | - | - | (9/) | - | (9/) |
| Shigellosis | (9/) | - | - | - | - |
| Syphilis | - | (9/) | - | - | - |
| Tuberculosis | (9/) | (9/) | (9/) | (9/) | (9/) |

Continued on next page.

Table 2.26--SPECIFIED COMMUNICABLE DISEASES: 2002 TO 2006 -- Con.

- 1/ Place of occurrence basis.
- 2/ Includes scombroid, ciguatera and hallucinogenic fish poisoning.
- 3/ Excludes reinstated cases.
- 4/ Includes laboratory confirmed and clinically diagnosed cases.
- 5/ Includes previously unreported cases.
- 6/ Includes indigenous and imported cases.
- 7/ Includes laboratory confirmed and clinically diagnosed cases. Includes indigenous and imported cases.
- 8/ Place of residence basis. For the years shown, no deaths were reported from campylobacteriosis, fish poisoning, giardiasis, gonorrhea, malaria, measles (rubeola), mumps, pertussis, or rubella. No data were available for deaths caused by *E. coli* 0157:H7.
- 9/ Less than 5 deaths.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, Disease Outbreak Control Division, Disease Investigation Branch and AIDS Surveillance Program, records.

**Table 2.27-- HEALTH RISK BEHAVIORS AND CONDITIONS FOR
PERSONS 18 YEARS AND OLDER: 2004 TO 2007**

[Weighted percent of adults who reported the health risk behaviors or conditions]

| Risk factor 1/ | 2004 | 2005 2/ | 2006 2/ | 2007 2/ |
|-------------------------|-------------|------------------|------------------|------------------|
| Seatbelt non-use | (NA) | (NA) | 0.6 (0.4-1.0) | (NA) |
| Binge drinking 3/ | 18.6 | 16.5 (15.2-17.9) | 17.5 (16.2-19.0) | 18.5 (17.0-20.0) |
| Drinking and driving 4/ | 4.7 | (NA) | 6.8 | (NA) |
| High cholesterol | (NA) | 34.6 (32.8-36.3) | (NA) | 36.3 (34.7-38.1) |
| Hypertension 5/ | (NA) | 24.9 | (NA) | 29.5 |
| Lack of exercise 6/ | 20.7 | 19.5 (18.2-20.8) | 19.3 (18.0-20.6) | 18.0 (16.8-19.4) |
| Poor nutrition 7/ | 66.2 | 75.5 | (NA) | 71.2 |
| Diabetes 8/ | 8.8 | 8.0 | 8.9 | 8.6 |
| Asthma 9/ | 15.0 | 14.1 (13.0-15.4) | 15.9 (14.6-17.3) | 13.9 (12.7-15.2) |
| Current smokers | 17.2 | 17.0 (15.8-18.4) | 17.5 (16.3-18.9) | 17.0 (15.7-18.4) |
| Overweight 10/ | 31.9 | 33.3 (31.7-34.9) | 35.5 (33.9-37.1) | 35.1 (33.5-36.7) |
| Obese 11/ | 20.9 | 19.7 (18.3-21.2) | 20.6 (19.2-22.0) | 21.7 (20.3-23.2) |

NA Not available.

1/ Certain risk factor data are collected only on alternating years.

2/ 95% confidence interval in parenthesis, when available.

3/ Five or more alcoholic beverages on at least one occasion during the past 30 days. For 2007, defined as five or more drinks for men, or four or more drinks for women, on one occasion.

4/ At least once during the past 30 days.

5/ High blood pressure. Includes high blood pressure during pregnancy.

6/ Physically inactive. No leisure-time physical activity reported during the past 30 days. In 2007, defined as did not participate in any physical activities such as running, calisthenics, golf, gardening, or walking for exercise outside of regular job during the past 30 days.

7/ Eat fruits and vegetables less than five times a day.

8/ Told by doctor that they have diabetes. Includes diabetes during pregnancy.

9/ Told by doctor, nurse or other health professional that they have asthma.

10/ Overweight. Body mass index (BMI) greater than or equal to 25 and less than 30. Criteria used in this table differs from the criteria used in years prior to 2000.

11/ Body mass index (BMI) equal to or greater than 30.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, Behavioral Risk Factor Surveillance System (BRFSS) <<http://www.hawaii.gov/health/statistics/brfss/index.html>> accessed May 23, 2008.

Table 2.28-- NUMBER AND BED CAPACITY OF STATE-APPROVED FACILITIES AND CARE HOMES, BY TYPE OF FACILITY: 1999 TO 2005

[Excludes Tripler Army Medical Center]

| Category and year | Facilities | | | | Care homes | |
|-----------------------------|------------|---------------|-------------------|----------------|------------|------------|
| | Total 1/ | Acute care 2/ | Long-term care 2/ | Specialty care | Type I 3/ | Type II 4/ |
| Number of facilities: | | | | | | |
| 1999 | 77 | 24 | 47 | 28 | 538 | 13 |
| 2000 | 74 | 24 | 45 | 24 | 543 | 17 |
| 2001 | 73 | 21 | 45 | 22 | 529 | 16 |
| 2002 | 72 | 20 | 45 | 23 | 521 | 19 |
| 2003 | 68 | 20 | 45 | 19 | 512 | 17 |
| 2004 | 72 | 22 | 48 | 21 | 480 | 19 |
| 2005 | 70 | 23 | 50 | 18 | 467 | 20 |
| Number of licensed beds: 5/ | | | | | | |
| 1999 | 7,681 | 2,616 | 4,000 | 1,065 | 2,509 | 365 |
| 2000 | 7,759 | 2,561 | 4,115 | 1,088 | 2,514 | 413 |
| 2001 | 7,625 | 2,519 | 4,137 | 969 | 2,645 | 387 |
| 2002 | 7,623 | 2,462 | 4,184 | 977 | 2,605 | 417 |
| 2003 | 7,685 | 2,507 | 4,196 | 982 | 2,394 | 359 |
| 2004 | 7,612 | 2,464 | 4,234 | 914 | 2,250 | 381 |
| 2005 | 7,602 | 2,509 | 4,221 | 872 | 2,188 | 387 |

1/ Institutions providing more than one kind of care are only counted once.

2/ Acute/SNF swing beds are now classified under acute care and are no longer under long-term care.

3/ Five beds or fewer.

4/ Six beds or more.

5/ All facilities and care home beds are licensed by the State Department of Health's Office of Health Care Assurance.

Source: Hawaii State Department of Health, Hawaii State Health Planning & Development Agency,

Inpatient Facilities and Home Health Services Utilization Report 1999 Data (September 2000),

Inpatient Facilities and Home Health Services Utilization Report 2000 Data (October 2001),

Inpatient Facilities Utilization Report 2001 Data (October 2002)

<<http://www.state.hi.us/health/shpda/shzrptoc.htm>> accessed December 27, 2002; *Health Care Utilization*

Report (annual) <<http://www.state.hi.us/health/shpda/>> accessed June 6, 2007 and revised tables; Office

of Health Care Assurance, records; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.29-- OCCUPANCY CHARACTERISTICS OF STATE-APPROVED ACUTE AND LONG-TERM CARE CIVILIAN FACILITIES: 1999 TO 2005

[Excludes Tripler Army Medical Center]

| Type of facility and year | Admissions | Average daily census | Average length of stay (days) | Average daily percent occupancy |
|---------------------------|------------|----------------------|-------------------------------|---------------------------------|
| Acute care: | | | | |
| 1999 | 100,105 | 1,641 | 6.0 | 62.7 |
| 2000 | 104,273 | 1,711 | 6.0 | 66.8 |
| 2001 | 103,607 | 1,693 | 6.0 | 67.2 |
| 2002 | 109,354 | 1,703 | 5.7 | 69.2 |
| 2003 | 109,055 | 1,654 | 5.5 | 66.0 |
| 2004 | 113,066 | 1,636 | 5.3 | 66.4 |
| 2005 1/ | 111,095 | 1,674 | 5.5 | 66.7 |
| Long-term care: | | | | |
| 1999 | 5,866 | 3,721 | 232 | 93.0 |
| 2000 | 6,251 | 3,700 | 216 | 89.9 |
| 2001 | 6,263 | 3,781 | 220 | 91.4 |
| 2002 | 6,673 | 3,931 | 215 | 94.0 |
| 2003 | 7,468 | 3,903 | 191 | 93.0 |
| 2004 | 7,881 | 3,941 | 183 | 93.1 |
| 2005 1/ | 8,171 | 3,977 | 178 | 94.2 |

1/ Acute/SNF swing beds are now classified under acute care and are no longer under long-term care.

Source: State Health Planning & Development Agency, *Inpatient Facilities and Home Health Services Utilization Report 1999 Data* (September 2000); *Inpatient Facilities and Home Health Services Utilization Report 2000 Data* (October 2001); *Inpatient Facilities Utilization Report 2001 Data* (October 2002) <<http://www.state.hi.us/health/shpda/shzrptoc.htm>> accessed December 27, 2002; *Health Care Utilization Report* (annual) <<http://www.state.hi.us/health/shpda/>> accessed June 6, 2007 and revised tables; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.30-- NUMBER AND BED CAPACITY OF STATE-APPROVED CIVILIAN FACILITIES AND CARE HOMES, BY TYPE OF FACILITY, BY ISLAND: DECEMBER 2005

[Excludes Tripler Army Medical Center]

| Category and island | Facilities | | | | Care homes | |
|----------------------------|------------|---------------|-------------------|----------------|------------|------------|
| | Total 1/ | Acute care 2/ | Long-term care 2/ | Specialty care | Type I 3/ | Type II 4/ |
| NUMBER OF FACILITIES | | | | | | |
| State total | 70 | 23 | 50 | 18 | 467 | 20 |
| Oahu | 45 | 11 | 31 | 13 | 389 | 18 |
| Hawaii | 9 | 5 | 8 | - | 49 | - |
| Kauai | 6 | 3 | 5 | - | 14 | 1 |
| Maui | 7 | 2 | 4 | 4 | 12 | - |
| Molokai | 2 | 1 | 1 | 1 | 3 | 1 |
| Lanai | 1 | 1 | 1 | - | - | - |
| NUMBER OF LICENSED BEDS 5/ | | | | | | |
| State total | 7,602 | 2,509 | 4,221 | 872 | 2,188 | 387 |
| Oahu | 5,372 | 1,938 | 2,685 | 749 | 1,840 | 363 |
| Hawaii | 979 | 259 | 720 | - | 218 | - |
| Kauai | 428 | 110 | 318 | - | 59 | 10 |
| Maui | 778 | 187 | 484 | 107 | 56 | - |
| Molokai | 31 | 11 | 4 | 16 | 15 | 14 |
| Lanai | 14 | 4 | 10 | - | - | - |

1/ Institutions providing more than one kind of care are counted only once.

2/ Acute/SNF swing beds are now classified under acute care and are no longer under long-term care.

3/ Five beds or fewer.

4/ More than five beds.

5/ All facilities and care home beds are licensed by the State Department of Health's Office of Health Care Assurance.

Source: Hawaii State Department of Health, Hawaii State Health Planning & Development Agency, *Health Care Utilization Report 2005 Data* (May 4, 2007) <<http://www.state.hi.us/health/shpda/sh05toc.htm>> accessed June 6, 2007; Office of Health Care Assurance, records; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.31-- OCCUPANCY CHARACTERISTICS OF STATE-APPROVED ACUTE AND LONG-TERM CARE CIVILIAN FACILITIES, BY ISLAND: 2005

[Excludes Tripler Army Medical Center]

| Type of facility and island | Admissions | Average daily census | Average length of stay (days) | Average daily percent occupancy |
|-----------------------------|------------|----------------------|-------------------------------|---------------------------------|
| ACUTE CARE 1/ | | | | |
| State total | 111,095 | 1,674 | 5.5 | 66.7 |
| Oahu | 78,782 | 1,312 | 6.1 | 67.7 |
| Hawaii | 13,321 | 143 | 3.9 | 55.1 |
| Kauai | 5,830 | 69 | 4.3 | 62.3 |
| Maui | 12,987 | 149 | 4.2 | 79.8 |
| Molokai | 157 | 2 | 4.6 | 17.9 |
| Lanai | 18 | 1 | 2.7 | 3.3 |
| LONG-TERM CARE 1/ | | | | |
| State total | 8,171 | 3,977 | 178 | 94.2 |
| Oahu | 5,669 | 2,483 | 160 | 92.5 |
| Hawaii | 1,267 | 719 | 207 | 99.9 |
| Kauai | 446 | 304 | 249 | 95.7 |
| Maui | 778 | 458 | 215 | 94.6 |
| Molokai | 1 | 3 | 1,256 | 86.0 |
| Lanai | 10 | 9 | 326 | 89.3 |

1/ Acute/SNF swing beds are now classified under acute care and are no longer under long-term care.

Source: Hawaii State Department of Health, Hawaii State Health Planning and Development Agency, *Health Care Utilization Report 2005 Data* (May 4, 2007)

<<http://www.state.hi.us/health/shpda/sh05toc.htm>> accessed June 6, 2007; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.32-- CHARACTERISTICS OF YOUTHS REGISTERED FOR STATE CHILD AND ADOLESCENT MENTAL HEALTH SERVICES: 2003 TO 2007

[Fiscal year ending June 30. Youths registered to the Child and Mental Health Division for one or more days]

| Subject | 2003 1/ | 2004 | 2005 | 2006 | 2007 |
|---|---------|-------|-------|-------|-------|
| Total | 2,525 | 2,447 | 2,462 | 2,588 | 2,656 |
| Youths registered with services procured 2/ | | | | | |
| Number | 1,284 | 1,337 | 1,440 | 1,396 | 1,431 |
| Percent | 51 | 55 | 59 | 54 | 54 |
| Sex (%) | | | | | |
| Male | 68 | 67 | 65 | 65 | 66 |
| Female | 32 | 33 | 35 | 35 | 34 |
| County | | | | | |
| Hawaii | 500 | 551 | 609 | 635 | 669 |
| Honolulu | 991 | 832 | 931 | 997 | 1,046 |
| Kauai | 697 | 630 | 586 | 635 | 646 |
| Maui | 187 | 246 | 239 | 235 | 212 |
| Special populations 3/ | 150 | 188 | 97 | 86 | 83 |
| Selected services procured (%) 4/ | | | | | |
| Out-of-home | 47.2 | 52.7 | 49.0 | 46.8 | 41.4 |
| Out-of-state | 1.2 | 0.7 | 0.6 | 0.6 | 0.7 |
| Hospital residential | 5.4 | 5.8 | 6.7 | 5.0 | 5.9 |
| Community high risk | 2.1 | 1.0 | 1.2 | 1.1 | 1.0 |
| Community residential | 19.9 | 24.3 | 22.4 | 20.2 | 16.7 |
| Therapeutic group home 5/ | 13.2 | 13.0 | 13.2 | 12.9 | 10.2 |
| Therapeutic foster home 5/ | 15.3 | 14.9 | 15.6 | 16.9 | 19.1 |
| Intensive home & community | 72.0 | 69.0 | 70.5 | 72.4 | 71.9 |
| Multi-systemic therapy | 25.2 | 21.6 | 22.8 | 22.6 | 23.3 |
| Intensive in-home | 52.8 | 52.1 | 52.1 | 55.8 | 53.5 |
| Outpatient 6/ | 3.3 | 2.2 | 1.7 | 0.7 | 6.1 |
| Supportive services 7/ | 25.2 | 31.2 | 28.1 | 27.3 | 28.4 |
| Crisis Stabilization | (NA) | (NA) | (NA) | (NA) | 0.6 |

Continued on next page.

**Table 2.32-- CHARACTERISTICS OF YOUTHS REGISTERED FOR STATE
CHILD AND ADOLESCENT MENTAL HEALTH SERVICES:
2003 TO 2007 -- Con.**

NA Not available.

1/ Excludes youth whose care was transferred to the Department of Education and the Department of Health Developmental Disabilities Division during the transition to school-based behavioral health services before 2004.

2/ Youths receiving one or more services procured from contracted provider agencies.

3/ Non-county-specific programs to which a youth may be registered.

4/ Youths receiving one or more days of service by level of care as a percent of all registered youths. Procurement of mental health services from contracted provider agencies. Youths may receive multiple services, but unduplicated aggregates of services are shown in the table. Only selected service subgroups are shown.

5/ Due to the publication of the new Interagency Performance Standards and Practice Guidelines and the statewide service procurement initiative, the Child and Adolescent Mental Health service array was revised. Data reflecting this new service array is presented in the table. Figures for earlier services were mapped to the new reporting system to provide some historical continuity. But figures for the newly defined services may impact figures for the other existing services so historical data should be used with caution. For the therapeutic group home service, the earlier figure would have been 8.2%. For the therapeutic foster home service, the earlier figure would have been 18.3%.

6/ Includes treatment (such as medication management and functional family therapy), consultation, and assessment.

7/ Includes respite home, respite support, peer support and ancillary service.

Source: Hawaii State Department of Health, Child and Adolescent Mental Health Division, *Annual Evaluation Report Fiscal Year* (annual) accessed May 23, 2008, Annual Evaluation Presentation (annual) and records <<http://www.hawaii.gov/health/mental-health/camhd/library/pdf/rpteval/index.html>> accessed May 23, 2008.

Table 2.33-- ADULT PATIENTS SERVED BY STATE MENTAL HEALTH FACILITIES: 1997 TO 2007

| Facilities and year | Persons active, Dec. 31 | Admissions | Discharges | Persons served |
|---|--------------------------------|-------------------|-------------------|-----------------------|
| Hawaii State Hospital | | | | |
| 1997 | 163 | 100 | 101 | 264 |
| 1998 | 164 | 141 | 139 | 283 |
| 1999 | 144 | 123 | 146 | 272 |
| 2000 | 164 | 154 | 141 | 283 |
| 2001 | 148 | 148 | 162 | 299 |
| 2002 | 164 | 182 | 169 | 320 |
| 2003 | 167 | 180 | 177 | 329 |
| 2004 | 171 | 182 | 178 | 331 |
| 2005 | 195 | 220 | 196 | 365 |
| 2006 | 177 | 176 | 194 | 349 |
| 2007 | 242 | 211 | 182 | 424 |
| State-supported outpatient community mental health centers | | | | |
| 1997 | 3,024 | 804 | 647 | 3,671 |
| 1998 | 3,232 | 816 | 794 | 3,958 |
| 1999 | 3,168 | 1,281 | 951 | 4,009 |
| 2000 | 3,039 | 1,062 | 1,185 | 3,985 |
| 2001 | 3,064 | 1,150 | 1,144 | 3,976 |
| 2002 | 3,156 | 1,158 | 1,126 | 4,043 |
| 2003 | 3,657 | 1,550 | 954 | 4,446 |
| 2004 | 4,378 | 1,969 | 1,184 | 5,347 |
| 2005 | 4,996 | 2,056 | 1,455 | 6,149 |
| 2006 | 5,249 | 1,920 | 1,612 | 6,609 |
| 2007 | 5,722 | 2,753 | 2,196 | 7,918 |

Source: Hawaii State Department of Health, Adult Mental Health Division, records.

**Table 2.34-- HAWAII STATE HOSPITAL BEDS AND OCCUPANCY:
2002 TO 2007**

[Fiscal year ending June 30 unless otherwise specified]

| Year | Number of beds on June 30 1/ | Admissions | | Patients in hospital 3/ | |
|------|---------------------------------|------------|----------|-------------------------|------------|
| | | Total | First 2/ | Average | On June 30 |
| 2002 | 168 | 169 | 93 | 152 | 137 |
| 2003 | 168 | 184 | 101 | 167 | 174 |
| 2004 | 178 | 184 | 92 | 171 | 169 |
| 2005 | 178 | 182 | 80 | 172 | 181 |
| 2006 | 190 | 208 | 97 | 187 | 187 |
| 2007 | 190 | 191 | 82 | 183 | 191 |

1/ Number of licensed beds. The number of beds available for use, however, is dependent upon the staff/patient ratio.

2/ Admissions in which a person has entered the facility for the first time during the fiscal year that data are being collected for.

3/ Includes patients on leave and absent without leave. In 2007, about 5.8% of the patients were on leave or absent without leave.

Source: Hawaii State Hospital, records.

Table 2.35-- HANSEN'S DISEASE PATIENTS REGISTERED: 2002 TO 2006

| Subject | 2002 | 2003 | 2004 | 2005 | 2006 |
|--|-------------|-------------|-------------|-------------|-------------|
| Patients on register, Dec. 31 | 289 | 283 | 277 | 279 | 251 |
| Department of Health, Hansen's Disease | | | | | |
| Community Program 1/ Kalaupapa | 247 42 | 245 38 | 240 37 | 244 35 | 218 33 |
| New cases | 11 | 15 | 20 | 22 | 11 |
| Deaths | 2 | 1 | 5 | 3 | 2 |

1/ Previously categorized as "at home". Patients are registered to this community program, but reside at home.

Source: Hawaii State Department of Health, Hansen's Disease Community Program, records.

Table 2.36-- ESTIMATED USE OF ILLICIT DRUGS, FOR THE UNITED STATES AND HAWAII: 2004-2005

[Data in this table cover a two-year period. Not comparable to data collected in 2001 or earlier years. Current users are those persons 12 years old and over who used drugs at least once within the month prior to this study. Based on national sample of respondents. State estimates were produced by combining the prevalence rate based on the state sample data and the prevalence rate based on a national regression model applied to local-area county and census block group/tract-level estimates from the state. The parameters of the regression model are estimated from the entire national sample]

| Geographic area | Any illicit drug 1/ | Marijuana | Any illicit drug other than marijuana 1/ | Cigarettes | Binge alcohol 2/ |
|--|----------------------------|------------------|---|-------------------|-------------------------|
| Estimated current users (1,000) | | | | | |
| United States | 19,396 | 14,602 | 8,605 | 60,209 | 54,906 |
| Hawaii | 86 | 63 | 33 | 199 | 221 |
| Current users as percent of population | | | | | |
| United States | 8.0 | 6.0 | 3.6 | 24.9 | 22.7 |
| Hawaii | 8.4 | 6.2 | 3.2 | 19.5 | 21.7 |

1/ Illicit drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically. Illicit drugs other than marijuana include cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically.

2/ Binge alcohol use is defined as drinking five or more drinks on the same occasion (i.e. at the same time or within a couple hours of each other) on at least one day in the past 30 days.

Source: U.S. Substance Abuse and Mental Health Services Administration, *National Survey on Drug Use and Health, 2004 and 2005*, as cited in *Statistical Abstract of the United States: 2008*, table 196 <<http://www.census.gov/compendia/statab/tables/08s0196.xls>> accessed January 4, 2008.

**Table 2.37-- PREVALENCE OF VARIOUS SUBSTANCES WITH
HAWAII STUDENTS: 1991 TO 2003**

[In percentages. Use of substance at least once in the student's lifetime]

| Substance | 1991 | 1993 | 1996 | 1998 | 2000 | 2002 | 2003 | 2002- 2003 % change |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------------------|
| Any illicit drug, include inhalants 1/ | | | | | | | | |
| 6th grade | 9.2 | 12.4 | 13.4 | 13.7 | 8.3 | 9.5 | 7.5 | -2.0 |
| 8th grade | 21.6 | 27.3 | 29.6 | 26.3 | 23.3 | 22.0 | 19.2 | -2.8 |
| 10th grade | 33.5 | 38.7 | 41.3 | 42.9 | 36.9 | 40.4 | 35.1 | -5.3 |
| 12th grade | 39.3 | 42.0 | 47.7 | 50.3 | 48.4 | 49.4 | 46.9 | -2.5 |
| Any illicit drug, exclude inhalants 2/ | | | | | | | | |
| 6th grade | 0.0 | 0.0 | 6.4 | 6.6 | 4.2 | 5.2 | 4.3 | -0.9 |
| 8th grade | 0.0 | 0.0 | 23.0 | 20.9 | 18.5 | 18.2 | 14.3 | -3.9 |
| 10th grade | 0.0 | 0.0 | 37.8 | 40.7 | 35.2 | 38.6 | 32.7 | -5.9 |
| 12th grade | 0.0 | 0.0 | 45.9 | 48.9 | 47.8 | 48.5 | 46.1 | -2.4 |
| Marijuana | | | | | | | | |
| 6th grade | 1.7 | 2.4 | 5.1 | 4.9 | 2.4 | 2.6 | 1.5 | -1.1 |
| 8th grade | 12.3 | 16.7 | 21.5 | 19.2 | 15.9 | 15.9 | 12.1 | -3.8 |
| 10th grade | 25.7 | 31.4 | 36.5 | 39.2 | 33.2 | 35.8 | 30.5 | -5.3 |
| 12th grade | 34.3 | 37.1 | 44.7 | 47.7 | 45.8 | 46.2 | 44.4 | -1.8 |
| Inhalants | | | | | | | | |
| 6th grade | 7.2 | 9.4 | 9.7 | 10.1 | 5.3 | 5.6 | 4.2 | -1.4 |
| 8th grade | 12.7 | 16.6 | 15.2 | 12.5 | 9.9 | 9.1 | 9.0 | -0.1 |
| 10th grade | 14.2 | 15.6 | 11.2 | 10.2 | 7.0 | 8.4 | 7.9 | -0.5 |
| 12th grade | 10.2 | 12.0 | 7.9 | 8.1 | 5.7 | 7.3 | 8.8 | 1.5 |
| Cocaine | | | | | | | | |
| 6th grade | 0.7 | 1.0 | 1.9 | 2.0 | 0.4 | 0.4 | 0.5 | 0.1 |
| 8th grade | 3.4 | 4.0 | 5.3 | 4.2 | 2.2 | 2.1 | 1.2 | -0.9 |
| 10th grade | 6.4 | 7.2 | 5.8 | 5.3 | 3.5 | 3.1 | 3.0 | -0.1 |
| 12th grade | 9.1 | 8.2 | 7.9 | 6.0 | 5.8 | 4.5 | 4.5 | 0.0 |
| Methamphetamine 3/ | | | | | | | | |
| 6th grade | 1.0 | 1.3 | 1.4 | 1.8 | 0.5 | 0.4 | 0.2 | -0.2 |
| 8th grade | 4.3 | 4.9 | 4.4 | 4.6 | 2.3 | 2.0 | 0.9 | -1.1 |
| 10th grade | 7.0 | 7.8 | 5.9 | 6.7 | 4.5 | 4.2 | 2.7 | -1.5 |
| 12th grade | 8.9 | 8.4 | 7.5 | 7.7 | 5.8 | 5.3 | 4.2 | -1.1 |
| Heroin & Other Opiate | | | | | | | | |
| 6th grade | 0.6 | 0.8 | 1.3 | 1.4 | 0.2 | 0.3 | 0.2 | -0.1 |
| 8th grade | 2.4 | 2.7 | 3.4 | 2.7 | 1.2 | 1.0 | 0.7 | -0.3 |
| 10th grade | 4.1 | 4.1 | 1.9 | 2.3 | 1.3 | 1.3 | 1.1 | -0.2 |
| 12th grade | 4.6 | 5.1 | 2.7 | 2.0 | 1.8 | 1.4 | 1.7 | 0.3 |

Continued on next page.

**Table 2.37-- PREVALENCE OF VARIOUS SUBSTANCES WITH
HAWAII STUDENTS: 1991 TO 2003-- Con.**

| Substance | 1991 | 1993 | 1996 | 1998 | 2000 | 2002 | 2003 | 2002- 2003 % change |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------------------|
| Steroids | | | | | | | | |
| 6th grade | 2.2 | 1.9 | 1.5 | 2.0 | 1.3 | 2.0 | 1.6 | -0.4 |
| 8th grade | 3.1 | 3.1 | 2.8 | 2.6 | 2.2 | 2.1 | 1.8 | -0.3 |
| 10th grade | 3.8 | 3.7 | 2.2 | 2.1 | 1.7 | 2.6 | 2.2 | -0.4 |
| 12th grade | 3.5 | 3.3 | 2.4 | 1.6 | 1.8 | 2.8 | 2.4 | -0.4 |
| Any alcohol use | | | | | | | | |
| 6th grade | 31.1 | 34.9 | 29.8 | 31.6 | 24.2 | 20.0 | 13.2 | -6.8 |
| 8th grade | 55.8 | 57.4 | 54.0 | 52.6 | 49.2 | 42.5 | 36.8 | -5.7 |
| 10th grade | 72.9 | 73.3 | 73.4 | 72.3 | 67.1 | 64.7 | 59.1 | -5.6 |
| 12th grade | 79.8 | 79.2 | 79.7 | 81.2 | 77.2 | 75.4 | 72.5 | -2.9 |
| Any tobacco use | | | | | | | | |
| 6th grade | 0.0 | 0.0 | 24.2 | 22.2 | 12.7 | 10.5 | 7.2 | -3.3 |
| 8th grade | 0.0 | 0.0 | 46.6 | 44.1 | 37.2 | 28.2 | 23.1 | -5.1 |
| 10th grade | 0.0 | 0.0 | 58.4 | 58.0 | 50.5 | 43.2 | 36.7 | -6.5 |
| 12th grade | 0.0 | 0.0 | 64.7 | 63.6 | 60.0 | 50.5 | 46.1 | -4.4 |

1/ Includes use of marijuana, inhalants, cocaine, methamphetamine, heroin or other opiates, sedatives or tranquilizers, hallucinogens, steroids, ecstasy/MDMA, GHB, Rohypnol, or ketamine. Ecstasy was first added to the survey in 1998. GHB, Rohypnol, and ketamine were first added to the survey in 2002.

2/ Includes all of the substances listed in footnote 1 except for inhalants.

3/ Commonly known as "Ice".

Source: Hawaii State Department of Health, Alcohol and Drug Abuse Division, *The 2003 Hawaii Student Alcohol, Tobacco and Other Drug Use Study (1987-2003)*, *Hawaii Adolescent Prevention and Treatment Needs Assessment*, (2004), <<http://www.hawaii.gov/health/substance-abuse/prevention-treatment/survey/report2003/fullreports/index.html>> accessed May 6, 2005.

**Table 2.38-- PHYSICIANS, DENTISTS, NURSES, AND PHARMACISTS
LICENSED IN HAWAII, BY PLACE OF ADDRESS: JULY 23, 2007**

[Excludes inactive licenses]

| Place of address | Physicians and surgeons 1/ | Dentists | Registered nurses | Pharmacists |
|-------------------------|---------------------------------------|-----------------|------------------------------|--------------------|
| Total licensed | 7,881 | 1,473 | 17,803 | 1,807 |
| State of Hawaii | 4,011 | 1,034 | 11,957 | 1,010 |
| Hawaii | 399 | 104 | 1,359 | 109 |
| Maui | 314 | 85 | 1,099 | 89 |
| Lanai | 3 | 1 | 11 | - |
| Molokai | 11 | 3 | 31 | 3 |
| Oahu | 3,126 | 804 | 8,903 | 764 |
| Kauai | 158 | 37 | 554 | 45 |
| Mainland U.S. | 3,803 | 417 | 5,654 | 795 |
| Foreign | 67 | 22 | 192 | 2 |

1/ Permanent licenses only. Does not include interns, residents, or physicians who provided State government services only.

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Licensing Branch, records.

**Table 2.39-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS
(NAICS 62), BY KIND OF BUSINESS OR OPERATION: 2002**

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to 1997]

| NAICS code | Kind of business or operation | Estab-lish-ments (num-ber) | Re-ceipts/ rev-enues (\$1,000) | Expen-ses (\$1,000) | Annual payroll (\$1,000) | Paid employ-ees for pay period including March 12 (number) |
|------------|--|----------------------------|--------------------------------|---------------------|--------------------------|--|
| 62 | Health care and social assistance | 3,256 | 4,686,323 | (1/) | 1,983,971 | 56,169 |
| 621 | Ambulatory health care services 2/ | 2,533 | 2,058,065 | (1/) | 885,166 | 20,709 |
| 6211 | Offices of physicians | 1,149 | 852,781 | (1/) | 413,551 | 6,615 |
| 6212 | Offices of dentists | 693 | 350,176 | (1/) | 129,675 | 3,595 |
| 6213 | Offices of other health practitioners | 468 | 156,440 | (1/) | 59,665 | 2,310 |
| 6214 | Outpatient care centers | 106 | 393,909 | (1/) | 162,261 | 4,166 |
| 6215 | Medical and diagnostic laboratories | 36 | 151,388 | (1/) | 58,821 | 1,459 |
| 6216 | Home health care services | 50 | 88,751 | (1/) | 43,238 | 2,071 |
| 6219 | Other ambulatory health care service | 31 | 64,620 | (1/) | 17,955 | 493 |
| 622 | Hospitals | 29 | 1,885,677 | (1/) | 766,702 | 19,413 |
| 6221 | General medical and surgical | 23 | 1,638,655 | (1/) | 646,004 | 16,580 |
| 6222 | Psychiatric and substance abuse | 2 | (D) | (1/) | (D) | (3/) |
| 6223 | Specialty (except psychiatric and substance abuse) | 4 | (D) | (1/) | (D) | (4/) |
| 623 | Nursing and residential care facilities | 114 | 321,606 | (1/) | 152,542 | 6,206 |
| 6231 | Nursing care facilities | 41 | 215,919 | (1/) | 104,374 | 4,066 |
| 6232 | Residential mental retardation, mental health and substance abuse facility | 39 | 54,749 | (1/) | 28,839 | 1,180 |
| 6233 | Community care facilities for elderly | 24 | 43,722 | (1/) | 15,338 | 749 |
| 6239 | Other residential care facilities | 10 | 7,216 | (1/) | 3,991 | 211 |
| 624 | Social assistance | 580 | 420,975 | (1/) | 179,561 | 9,841 |
| 6241 | Individual and family services | 248 | 242,965 | (1/) | 108,766 | 5,945 |
| 6242 | Community food and housing, and emergency & other relief services | 68 | 67,903 | (1/) | 20,829 | 937 |
| 6243 | Vocational rehabilitation services | 56 | 58,700 | (1/) | 24,773 | 1,272 |
| 6244 | Child day care services | 208 | 51,407 | (1/) | 25,193 | 1,687 |

Continued on next page.

**Table 2.39-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS
(NAICS 62), BY KIND OF BUSINESS OR OPERATION: 2002-- Con.**

| NAICS code | Kind of business or operation | Estab-lish-ments (num-ber) | Re-ceipts/ rev-enues (\$1,000) | Expen-ses (\$1,000) | Annual payroll (\$1,000) | Paid employ-ees for pay period including March 12 (number) |
|------------|--|----------------------------|--------------------------------|---------------------|--------------------------|--|
| | Establishments exempt from federal income tax | | | | | |
| 62 | Health care and social assistance | 679 | 2,811,014 | 2,851,234 | 1,173,454 | 36,192 |
| 621 | Ambulatory health care services 2/ | 87 | 395,149 | 351,096 | 169,629 | 4,816 |
| 6214 | Outpatient care centers | 67 | 335,540 | 301,074 | 140,148 | 3,691 |
| 6216 | Home health care services | 15 | 44,172 | 34,862 | 23,446 | 916 |
| 6219 | Other ambulatory health care service | 5 | 15,437 | 15,160 | 6,035 | 209 |
| 622 | Hospitals | 29 | 1,885,677 | 2,002,596 | 766,702 | 19,413 |
| 6221 | General medical and surgical | 23 | 1,638,655 | 1,756,967 | 646,004 | 16,580 |
| 6222 | Psychiatric and substance abuse | 2 | (D) | (D) | (D) | (3/) |
| 6223 | Specialty (except psychiatric and substance abuse) | 4 | (D) | (D) | (D) | (4/) |
| 623 | Nursing and residential care facilities | 62 | 146,662 | 138,594 | 72,174 | 2,860 |
| 6231 | Nursing care facilities | 10 | 65,396 | 61,646 | 31,787 | 1,131 |
| 6232 | Residential mental retardation, mental health and substance abuse facility | 37 | (D) | (D) | (D) | (4/) |
| 6233 | Community care facilities for elderly | 6 | (D) | (D) | (D) | (5/) |
| 6239 | Other residential care facilities | 9 | (D) | (D) | (D) | (6/) |
| 624 | Social assistance | 501 | 383,526 | 358,948 | 164,949 | 9,103 |
| 6241 | Individual and family services | 217 | 226,335 | 213,953 | 103,881 | 5,673 |
| 6242 | Community food and housing, and emergency & other relief services | 67 | (D) | (D) | (D) | (3/) |
| 6243 | Vocational rehabilitation services | 42 | 42,605 | 38,674 | 17,312 | 959 |
| 6244 | Child day care services | 175 | (D) | (D) | (D) | (4/) |

Continued on next page.

**Table 2.39-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS
(NAICS 62), BY KIND OF BUSINESS OR OPERATION: 2002-- Con.**

D Withheld to avoid disclosing data of individual companies; data are included in higher level totals.

1/ Not available or not comparable.

2/ The ambulatory health care services subsector includes industries that provide health care services directly or indirectly to ambulatory patients and do not usually provide inpatient services. Health practitioners provide outpatient services, with the facilities and equipment not usually being the most significant part of the production process.

3/ 500 to 999 employees.

4/ 1,000 to 2,499 employees.

5/ 250 to 499 employees.

6/ 100 to 249 employees.

Source: U.S. Census Bureau, 2002 Economic Census, *Health Care and Social Assistance, Geographic Area Series, Hawaii*, EC02-62A-HI (February 2005), table 1

<<http://www.census.gov/prod/ec02/ec0262ahi.pdf>> accessed March 1, 2005.

**Table 2.40-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS
(NAICS 62), FOR COUNTY AND SELECTED URBAN PLACE: 2002**

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to 1997]

| Geographic area | Establishments (number) | Receipts (\$1,000) | Annual payroll (\$1,000) | Paid employees for pay period including March 12 (number) |
|------------------------|------------------------------------|-------------------------------|-------------------------------------|--|
| State total | 3,256 | 4,686,323 | 1,983,971 | 56,169 |
| Hawaii County | 446 | 455,289 | 188,823 | 5,934 |
| Captain Cook | 3 | 2,074 | 1,223 | 44 |
| Hilo | 223 | 246,826 | 105,668 | 3,527 |
| Kailua | 64 | 47,168 | 14,567 | 469 |
| Kalaoa | 5 | 1,017 | 347 | 14 |
| Waikoloa Village | 6 | 1,891 | 1,226 | 29 |
| Waimea | 20 | 42,295 | 16,494 | 384 |
| Honolulu County | 2,319 | 3,633,087 | 1,535,041 | 42,783 |
| Aiea | 50 | 21,350 | 8,440 | 302 |
| Hauula | 7 | 3,149 | 1,319 | 49 |
| Honolulu | 1,527 | 2,744,795 | 1,168,555 | 31,905 |
| Kailua | 131 | 66,824 | 29,042 | 855 |
| Kaneohe | 88 | 113,467 | 58,935 | 1,843 |
| Laie | 3 | 1,010 | 488 | 13 |
| Makaha | 7 | 7,542 | 3,989 | 159 |
| Mililani Town | 31 | 26,185 | 10,782 | 279 |
| Pearl City | 39 | 33,230 | 12,752 | 428 |
| Wahiawa | 44 | 62,529 | 27,464 | 874 |
| Waianae | 23 | 42,315 | 17,547 | 599 |
| Waimalu | 119 | 159,048 | 58,880 | 1,336 |
| Waipahu | 72 | 44,196 | 20,102 | 493 |
| Kauai County | 155 | 170,439 | 81,812 | 2,333 |
| Kapaa | 22 | 13,763 | 7,148 | 233 |
| Lihue | 51 | 111,594 | 53,497 | 1,422 |

Continued on next page.

**Table 2.40-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS
(NAICS 62), FOR COUNTY AND SELECTED URBAN PLACE: 2002-- Con.**

| Geographic area | Establishments (number) | Receipts (\$1,000) | Annual payroll (\$1,000) | Paid employees for pay period including March 12 (number) |
|------------------------|------------------------------------|-------------------------------|-------------------------------------|--|
| Maui County | 336 | 427,508 | 178,295 | 5,119 |
| Kahului | 84 | 123,700 | 54,961 | 1,419 |
| Kaunakakai | 14 | 24,989 | 10,703 | 464 |
| Kihei | 34 | 20,278 | 8,551 | 274 |
| Lahaina | 22 | 13,138 | 4,733 | 126 |
| Pukalani | 15 | 5,025 | 1,987 | 63 |
| Wailuku | 110 | 211,217 | 82,715 | 2,220 |

Source: U.S. Census Bureau, 2002 Economic Census, *Health Care and Social Assistance, Geographic Area Series, Hawaii*, EC02-62A-HI (February 2005), tables 1, 3, and 4
<<http://www.census.gov/prod/ec02/ec0262ahi.pdf>> accessed March 1, 2005.

Table 2.41-- MARRIAGES AND DIVORCES: 2000 TO 2006

[Place of occurrence basis]

| Calendar year | Marriages | | Divorces and annulments 2/ | Rates per 1,000 resident population 3/ | | Percent of marriages | |
|---------------|-----------|-------------|----------------------------|--|-------------------------|----------------------|----------------|
| | Total | Resident 1/ | | Resident marriages | Divorces, annulments 2/ | Nonresident 4/ | Interracial 5/ |
| 2000 | 25,376 | 9,217 | 4,716 | 7.6 | 3.9 | 63.7 | 43.4 |
| 2001 | 24,477 | 9,126 | 4,857 | 7.5 | 4.0 | 62.7 | 6/ 55.7 |
| 2002 | 25,795 | 8,914 | 4,798 | 7.3 | 3.9 | 65.4 | 6/ 56.0 |
| 2003 | 27,495 | 9,354 | (7/) | 7.5 | (X) | 66.0 | 6/ 55.5 |
| 2004 | 28,843 | 9,225 | (7/) | 7.4 | (X) | 68.0 | 6/ 56.0 |
| 2005 | 29,272 | 9,358 | (7/) | 7.4 | (X) | 68.0 | 6/ 54.7 |
| 2006 | 28,681 | 9,300 | (7/) | 7.3 | (X) | 67.6 | 6/ 53.7 |

X Not applicable.

1/ One or both partners are residents of Hawaii.

2/ Final decrees only.

3/ Based on July 1 estimates by the U.S. Census Bureau, as revised through Dec. 27, 2007. Rates for 2000 and beyond may differ from previous *Data Books* due to revisions to these population figures. Population estimates for 1991 through 1999 were revised based upon the April 1, 2000 figures which were released April 19, 2002.

4/ Both partners are nonresidents of Hawaii.

5/ Excludes nonresident marriages. For years prior to 2001, marriages where both bride and groom are in the "Part Hawaiian" or "Other races" categories were classified as non-interracial. Percentage based on number reporting.

6/ Definition of "interracial" marriages for this table was changed beginning in 2001. From 2001, marriages where either the bride or groom are "Part Hawaiian" were classified as "Interracial" and marriages where both the bride and groom were "Other races" were classified as "Unknown". In the years prior to 2001, marriages in which both the bride and groom were "Part Hawaiian" or "Other races" were classified as non-interracial. For 2001, the percent of "interracial" marriages would have been 42.6 if the definition from the years prior to 2001 was used. Percentage based on number reporting.

7/ As of January 1, 2003, the Department of Health no longer collects statistics on divorce.

Source: Hawaii State Department of Health, *Statistical Report* (annual) and records; U.S. Census Bureau, Population Division "Table 1: Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2007" (NST-EST2007-01) (December 27, 2007) <<http://www.census.gov/popest/states/tables/NST-EST2007-01.xls>> accessed December 27, 2007; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.42-- MARRIAGE AND DIVORCE RATES BASED ON RISK
POPULATION: 1910 TO 2000**

| Year | Females 15 years old and over 1/ | | Marriages 4/ | | Divorces 4/ | |
|------|----------------------------------|------------|--------------|---------|-------------|---------|
| | Unmarried 2/ | Married 3/ | Number | Rate 5/ | Number | Rate 6/ |
| 1910 | 9,667 | 31,380 | 2,112 | 218 | 210 | 7 |
| 1920 | 14,616 | 45,550 | 2,070 | 142 | 548 | 12 |
| 1930 | 26,059 | 53,948 | 2,504 | 96 | 546 | 10 |
| 1940 | 51,669 | 66,569 | 4,659 | 90 | 906 | 14 |
| 1950 | 58,995 | 94,520 | 5,446 | 92 | 1,112 | 12 |
| 1960 | 65,156 | 128,528 | 5,098 | 78 | 1,324 | 10 |
| 1970 | 98,016 | 166,596 | 7,312 | 75 | 2,452 | 15 |
| 1980 | 150,166 | 210,085 | 9,148 | 61 | 4,144 | 20 |
| 1990 | 183,984 | 244,799 | 10,180 | 55 | 5,396 | 22 |
| 2000 | 221,280 | 262,827 | 9,220 | 42 | 4,668 | 18 |

1/ Females 14 years old and over for 1940-1970.

2/ Single, widowed or divorced.

3/ Includes separated persons.

4/ Averages of the previous and current calendar year period which includes April 1. Place of occurrence basis for years prior to 1969-1970. Marriage data for 1969-1970 and later years are on a place of residence basis.

5/ Per 1,000 unmarried females 15 (or 14) years old and over.

6/ Per 1,000 married females 15 (or 14) years old and over.

Source: Robert C. Schmitt, *Demographic Statistics of Hawaii: 1778-1965* (University of Hawaii Press, 1968), pp. 214-215 and underlying data; *U.S. Census of Population: 1970*, Final Report PC (1)-B13, table 22; *U.S. Census of Population: 1980*, PC80-1-B13, table 21; Hawaii State Data Center, 1990 census tapes; Census 2000 Summary File 3 dataset <<http://factfinder.census.gov/servlet/BasicFactsServlet>> accessed August 28, 2003 ; Hawaii State Department of Health, *Annual Report, Statistical Supplement* for 1969, 1970, 1979, 1980, and Office of Health Status Monitoring, records.

Table 2.43-- CHARACTERISTICS OF MARRIAGES: 2003 TO 2006

[Place of occurrence basis]

| Subject | 2003 | 2004 | 2005 | 2006 |
|-----------------------------|-------------|-------------|-------------|-------------|
| MARRIAGES | | | | |
| Number | 27,495 | 28,843 | 29,272 | 28,681 |
| Percent on Oahu | 42.8 | 42.5 | 43.9 | 44.8 |
| Percent Hawaii residents: | | | | |
| Both bride and groom | 30.5 | 29.1 | 28.8 | 28.9 |
| One partner only | 3.6 | 2.9 | 3.2 | 3.5 |
| Neither bride nor groom | 66.0 | 68.0 | 68.0 | 67.6 |
| Not reported 1/ | 0.0 | 0.0 | 0.0 | 0.0 |
| Median age (years): | | | | |
| Groom | 33 | 33 | 33 | 33 |
| Bride | 31 | 31 | 31 | 31 |
| Percent previously married: | | | | |
| Groom | 37.8 | 38.2 | 37.6 | 37.1 |
| Bride | 38.8 | 38.1 | 37.7 | 36.6 |

1/ Couples where the residence of one or more partners is unknown.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records.

Table 2.44-- MARRIAGES, RESIDENT AND NONRESIDENT, BY RACE MIXTURE AND TYPE OF CEREMONY: 2006

[Place of occurrence basis]

| Race mixture and type of ceremony | Total | At least one partner Hawaii resident | Both partners nonresidents |
|--|--------------|---|-----------------------------------|
| All marriages | 28,681 | 9,300 | 19,381 |
| Race of partners | | | |
| Both partners same race 1/ | 18,647 | 3,928 | 14,719 |
| Different race 2/ | 7,365 | 4,548 | 2,817 |
| Percent different race 3/ | 28.3 | 53.7 | 16.1 |
| Not reported 4/ | 2,669 | 824 | 1,845 |
| Type of ceremony | | | |
| Civil ceremony | 3,409 | 2,889 | 520 |
| Religious ceremony | 25,270 | 6,410 | 18,860 |
| Unknown | 2 | 1 | 1 |

1/ Definition of "same race" was changed. It no longer includes marriages where both partners are of unknown race. These types of marriages are now included in the category "not reported".

2/ Includes marriages where either partner is "Part Hawaiian".

3/ Based on number reporting

4/ One or both partners with unspecified race (unless one was "Part Hawaiian"), or both partners classified as "Other".

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records.

Table 2.45-- MARITAL DISSOLUTION: 1990 TO 2006

[Place of residence basis]

| Subject | 1990 | 2000 | 2006 | Percent | | |
|--------------------|---------|---------|------------|---------|-------|-------|
| | | | | 1990 | 2000 | 2006 |
| Married couples | 210,468 | 216,077 | 1/ 222,725 | 100.0 | 100.0 | 100.0 |
| Marriages ended 2/ | 8,292 | 8,365 | (NA) | 3.9 | 3.9 | (X) |
| By divorce 2/ | 5,172 | 4,707 | (3/) | 2.5 | 2.2 | (X) |
| By death | 3,120 | 3,658 | 3,842 | 1.5 | 1.7 | 1.7 |
| Husbands | 2,234 | 2,574 | 2,715 | 1.1 | 1.2 | 1.2 |
| Wives | 886 | 1,084 | 1,127 | 0.4 | 0.5 | 0.5 |

NA Not available.

X Not applicable.

1/ Estimate. The degree of uncertainty for an estimate is represented through the use of a confidence interval. For the number of married-couples, the lower bound of the 90 percent confidence interval is 218,164 while the upper bound is 227,286.

2/ Includes divorces where only one partner is a resident of Hawaii.

3/ As of January 1, 2003, the Department of Health no longer collects statistics on divorce.

Source: Hawaii State Department of Health, *Statistical Report* (annual) and records; U.S. Bureau of the Census, *1990 Census of Population*, 1990 CP-1-13, table 30; U.S. Census Bureau, Census 2000 Summary File 3 Hawaii (September 25, 2002) and the American Community Survey, "Hawaii Selected Social Characteristics: 2006" (September 2007) <http://factfinder.census.gov/servlet/ADPTable?_bm=y&-geo_id=04000US15&-qr_name=ACS_2006_EST_G00_DP2&-context=adp&-ds_name=&-tree_id=306&-_lang=en&-redoLog=false&-format=> accessed February 19, 2008.

Section 3

EDUCATION

This section presents statistics on enrollment in public and private schools, colleges and universities; students graduated and degrees awarded; the highest grade of school completed; achievement test results; school facilities, personnel, and expenditures; and libraries.

The principal sources of data on education are the U.S. Census Bureau, Hawaii State Department of Education, University of Hawaii, and private universities and colleges. *Historical Statistics of Hawaii*, Section 9, contains Island data back to 1820. Section 4 of the *Statistical Abstract of the United States: 2008* presents comparable information for the nation as a whole.

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**Table 3.01-- SCHOOL ENROLLMENT, BY TYPE OF SCHOOL AND AGE, BY
GEOGRAPHIC AREA: 2000**

| Subject | State total | Oahu | Other islands |
|-----------------------------------|-------------|---------|---------------|
| TYPE OF SCHOOL | | | |
| Persons 3 years and over enrolled | 320,842 | 234,038 | 86,804 |
| Preprimary school | 17,909 | 12,975 | 4,934 |
| Public school | 7,529 | 5,299 | 2,230 |
| Elementary or high school | 223,185 | 155,556 | 67,629 |
| Public school | 188,699 | 127,241 | 61,458 |
| College | 79,748 | 65,507 | 14,241 |
| Public college | 58,987 | 47,057 | 11,930 |
| AGE | | | |
| Persons 3 years and over enrolled | 320,842 | 234,038 | 86,804 |
| 3 and 4 years | 15,460 | 11,122 | 4,338 |
| 5 to 9 years | 81,782 | 58,220 | 23,562 |
| 10 to 14 years | 82,233 | 56,952 | 25,281 |
| 15 to 17 years | 46,795 | 31,820 | 14,975 |
| 18 and 19 years | 18,336 | 13,745 | 4,591 |
| 20 to 24 years | 27,771 | 23,442 | 4,329 |
| 25 to 34 years | 22,542 | 19,461 | 3,081 |
| 35 years and over | 25,923 | 19,276 | 6,647 |
| Percent enrolled in school: | | | |
| 3 and 4 years | 49.9 | 49.8 | 50.1 |
| 5 to 9 years | 96.0 | 96.0 | 96.0 |
| 10 to 14 years | 98.7 | 98.8 | 98.4 |
| 15 to 17 years | 96.2 | 96.6 | 95.3 |
| 18 and 19 years | 58.2 | 59.4 | 54.8 |
| 20 to 24 years | 33.4 | 35.7 | 24.5 |
| 25 to 34 years | 13.4 | 15.1 | 7.8 |
| 35 years and over | 4.1 | 4.3 | 3.6 |

Source: U.S. Bureau of the Census, Census 2000 Summary File 3 Hawaii (September 25, 2002).

Table 3.02-- EDUCATIONAL ATTAINMENT, BY GEOGRAPHIC AREA: 2000

| Age and educational attainment | State total | Oahu | Other islands |
|---|--------------------|-------------|----------------------|
| Persons 18 to 24 years | 114,735 | 88,716 | 26,019 |
| High school graduate (includes equivalency) | 44,985 | 33,964 | 11,021 |
| Some college or associate degree | 46,703 | 37,810 | 8,893 |
| Bachelor's degree or higher | 6,802 | 5,997 | 805 |
| Persons 25 years and over | 802,477 | 579,998 | 222,479 |
| Less than 5th grade | 19,319 | 15,149 | 4,170 |
| 5th to 8th grade | 38,486 | 26,938 | 11,548 |
| 9th to 12th grade, no diploma | 66,006 | 45,801 | 20,205 |
| High school graduate (includes equivalency) | 228,832 | 161,348 | 67,484 |
| Some college, no degree | 175,092 | 123,521 | 51,571 |
| Associate degree | 64,701 | 45,595 | 19,106 |
| Bachelor's degree | 142,493 | 109,571 | 32,922 |
| Master's degree | 43,665 | 33,897 | 9,768 |
| Professional school degree | 16,523 | 12,534 | 3,989 |
| Doctorate degree | 7,360 | 5,644 | 1,716 |
| Percent: | | | |
| Less than 5th grade | 2.4 | 2.6 | 1.9 |
| High school graduate or higher | 84.6 | 84.8 | 83.9 |
| Male | 85.6 | 86.3 | 83.7 |
| Female | 83.6 | 83.4 | 84.0 |
| Some college or higher | 56.1 | 57.0 | 53.5 |
| Bachelor's degree or higher | 26.2 | 27.9 | 21.8 |
| Male | 26.9 | 28.9 | 21.8 |
| Female | 25.5 | 26.9 | 21.7 |

Source: U.S. Bureau of the Census, Census 2000 Summary File 3 Hawaii (September 25, 2002).

**Table 3.03-- YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS
OLD AND OVER: 1940 TO 2000**

| Years completed | 1940 | 1950 | 1960 | 1970 | 1980 | 1990 | 2000 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Percent 4 years of high school or more 1/ | 20.5 | 31.6 | 46.1 | 61.9 | 73.8 | 80.1 | 84.6 |
| Percent 4 years of college or more 2/ | 5.3 | 6.1 | 9.0 | 14.0 | 20.3 | 22.9 | 26.2 |

1/ For 1990 and 2000, percent high school graduate or higher.

2/ For 1990 and 2000, percent Bachelor's degree or higher.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, Final Report PC(1)-13C, table 47; *U.S. Census of Population: 1970*, Final Report PC(1)-C13, table 46; *1980 Census of Population*, PC80-1-C-13, table 61; *1990 Census of Population, Social and Economic Characteristics, Hawaii*, 1990 CP-2-13, table 1; *Profile of Selected Social Characteristics: 2000*, table DP-2.

Table 3.04-- EDUCATIONAL ATTAINMENT OF PERSONS 25 YEARS OLD AND OVER, BY COUNTY: 2000

| Subject | State total | Hawaii | Honolulu | Kalawao | Kauai | Maui |
|----------------------------------|--------------------|---------------|-----------------|----------------|--------------|-------------|
| Population 25 years and over | 802,477 | 97,708 | 579,998 | 147 | 38,872 | 85,752 |
| Percent | | | | | | |
| High school graduate or higher | 84.6 | 84.6 | 84.8 | 39.5 | 83.3 | 83.4 |
| With bachelor's degree or higher | 26.2 | 22.1 | 27.9 | 10.2 | 19.4 | 22.4 |

Source: U.S. Bureau of the Census, *Profile of Selected Social Characteristics: 2000*, table DP-2.

Table 3.05-- YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS OLD AND OVER, FOR THE UNITED STATES AND HAWAII: 2006

| Geographic area | Population 25 years and over (1,000) | High school graduate or more | | Bachelor's degree or more | |
|-----------------|--------------------------------------|------------------------------|-----------------|---------------------------|-----------------|
| | | Percent | Margin of error | Percent | Margin of error |
| United States | 195,933 | 84.1 | 0.1 | 27.0 | 0.1 |
| Hawaii | 863 | 89.0 | 0.6 | 29.7 | 0.8 |
| Rank 1/ | (NA) | 2/ 9 | (X) | 13 | (X) |

X Not applicable.

NA Not available.

1/ Among the 50 states and District of Columbia.

2/ Tied with Washington at 9th.

Source: U.S. Census Bureau, 2006 American Community Survey, Selected Social Characteristics, <<http://factfinder.census.gov/>> accessed November 16, 2007.

**Table 3.06-- PRIVATE EDUCATIONAL SERVICES (NAICS 61),
BY TYPE OF SERVICE: 2002**

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| NAICS code | Type of service | Establishments (number) | Receipts/ Revenue (\$1,000) | Annual payroll (\$1,000) | Paid employees for pay period including March 12 (number) |
|-------------------|--|--------------------------------|------------------------------------|---------------------------------|--|
| 611 | Educational services | 304 | 107,844 | 36,538 | 1,942 |
| 6114 | Business schools, & computer & management training | 26 | 6,527 | 2,917 | 113 |
| 6115 | Technical & trade schools | 42 | 20,935 | 6,989 | 291 |
| 6116 | Other schools & instruction | 209 | 49,999 | 16,405 | 1,203 |
| 6117 | Educational support services | 27 | 30,383 | 10,227 | 335 |

Source: U.S. Census Bureau, *2002 Economic Census, Educational Services, Geographic Area Series, Series, Hawaii* EC02-61A-HI (February 2005), table 1.

**Table 3.07-- PRIVATE EDUCATIONAL SERVICES (NAICS 611),
BY TYPE OF SERVICE: 2005**

[Data refer to establishments with taxable payrolls. Excludes most government employees, railroad employees, and self-employed persons. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in the County Business Patterns prior to 1998. Therefore, comparability between the current data and data prior to 1998 may be limited]

| NAICS code | Type of service | No. of establishments | | Paid employees for pay period including March 12 | Annual payroll (\$1,000) |
|------------|--|-----------------------|----------------------|--|--------------------------|
| | | Total | 20 or more employees | | |
| 611 | Educational services | 516 | 104 | 16,801 | 480,968 |
| 6111 | Elementary & secondary schools | 134 | 62 | 9,711 | 326,006 |
| 6112 | Junior colleges | 6 | 4 | 273 | 9,129 |
| 6113 | Colleges, universities & professional schools | 28 | 11 | 4,418 | 96,490 |
| 6114 | Business schools, & computer & management training | 28 | 2 | 145 | 5,068 |
| 6115 | Technical & trade schools | 43 | 1 | 340 | 9,329 |
| 6116 | Other schools & instruction | 243 | 18 | 1,501 | 25,625 |
| 6117 | Educational support services | 34 | 6 | 413 | 9,321 |

Source: U.S. Census Bureau, 2005 County Business Patterns <<http://censtats.census.gov/cgi-bin/cbpnaic/cbpdetl.pl>> accessed December 5, 2007.

**Table 3.08-- EXPENDITURES, TOTAL AND PER PUPIL,
BY EDUCATION LEVEL AND BY FUNCTION: 2005-2006**

[In thousands of dollars unless otherwise indicated. Components of education levels may not add up to total however figures are exactly as reported by source]

| Education level | Total expenditure | Instruction | Instructional support | Leadership | Operations | Other commitments |
|------------------------|--------------------------|--------------------|------------------------------|-------------------|-------------------|--------------------------|
| Total expenditure | 1,847,697 | 888,141 | 508,687 | 142,203 | 292,619 | 16,047 |
| Total per pupil (\$) | 10,185 | 4,896 | 2,804 | 784 | 1,613 | 88 |
| Elementary schools | | | | | | |
| Total expenditure | 879,110 | 450,511 | 219,641 | 65,966 | 135,971 | 7,022 |
| Total per pupil (\$) | 9,888 | 5,067 | 2,471 | 742 | 1,529 | 79 |
| Middle schools | | | | | | |
| Total expenditure | 291,798 | 138,759 | 82,097 | 23,480 | 45,119 | 2,344 |
| Total per pupil (\$) | 9,671 | 4,599 | 2,721 | 778 | 1,495 | 78 |
| High schools | | | | | | |
| Total expenditure | 488,241 | 228,769 | 153,471 | 31,569 | 69,731 | 4,701 |
| Total per pupil (\$) | 9,657 | 4,525 | 3,035 | 624 | 1,379 | 93 |
| Combined schools | | | | | | |
| Total expenditure | 146,435 | 70,103 | 46,700 | 9,797 | 18,747 | 1,087 |
| Total per pupil (\$) | 12,441 | 5,956 | 3,968 | 832 | 1,593 | 92 |

Source: Hawaii State Department of Education <<http://165.248.10.76/hsers06/hsers06a.htm>> accessed June 29, 2007 and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 3.09-- APPROPRIATED FUNDS AND EXPENDITURES BY CATEGORY
AND FUND TYPE: 2005-2006**

[In millions of dollars, fiscal year ending June 30, 2006]

| | Total | General | Federal | Special | Trust |
|-----------------------|--------------|----------------|----------------|----------------|--------------|
| General appropriation | 2,245.1 | 1,832.5 | 343.4 | 55.7 | 13.5 |
| Total expenditures | 2,057.0 | 1,799.0 | 216.2 | 37.0 | 4.8 |
| Personal services | 1,407.2 | 1,283.3 | 112.4 | 10.5 | 1.0 |
| Others | 649.8 | 515.7 | 103.8 | 26.5 | 3.8 |
| Unencumbered balance | 188.1 | 33.5 | 127.2 | 18.7 | 8.7 |

Source: Hawaii State Department of Education, Office of Fiscal Services, *Department of Education Financial Report, July 1, 2005 - June 30, 2006*, (December 2006).
<<http://doe.k12.hi.us/reports/FinancialReport05-06.pdf>> accessed on May 1, 2007.

Table 3.10-- APPROPRIATED FUNDS, EXPENDITURES, PUPIL COST, ENROLLMENT AND NUMBER OF SCHOOLS: 2003-2004 TO 2005-2006

[In millions of dollars unless otherwise specified. Fiscal year ending June 30]

| | 2003-2004 | 2004-2005 | 2005-2006 | Percent change, 2004-2005 to 2005-2006 |
|----------------------------------|------------------|------------------|------------------|---|
| Appropriated funds total | 1,876.4 | 1,976.9 | 2,245.1 | 13.6 |
| General funds | 1,442.6 | 1,547.0 | 1,832.5 | 18.5 |
| Federal funds | 365.0 | 361.0 | 343.4 | -4.9 |
| Special funds | 57.1 | 55.7 | 55.7 | 0.0 |
| Trust funds | 11.7 | 13.2 | 13.5 | 2.0 |
| Expenditures total | 1,707.1 | 1,791.3 | 2,057.0 | 14.8 |
| General funds | 1,428.8 | 1,513.2 | 1,799.0 | 18.9 |
| Federal funds | 231.6 | 233.1 | 216.2 | -7.2 |
| Special funds | 39.8 | 39.3 | 37.0 | -5.8 |
| Trust funds | 6.9 | 5.7 | 4.8 | -15.7 |
| Per pupil cost (dollars) 1/ | 9,042.58 | 9,337.87 | 10,252.17 | 9.8 |
| Enrollment total (number) 2/ | 179,355 | 182,066 | 180,335 | -1.0 |
| Regular/special schools (number) | 175,038 | 177,017 | 174,843 | -1.2 |
| Charter schools (number) | 4,317 | 5,049 | 5,492 | 8.8 |
| Schools (number) | 285 | 286 | 285 | -0.3 |

1/ Based on average enrollment.

2/ Average daily.

Source: Hawaii State Department of Education, Office of Fiscal Services, *Department of Education Financial Report, July 1, 2004 - June 30, 2005*, (December 2005) and *Department of Education Financial Report, July 1, 2005 - June 30, 2006*, (December 2006).

<<http://doe.k12.hi.us/reports/financialreports.htm>> accessed on May 1, 2007.

Table 3.11-- GENERAL FUND APPROPRIATION AND EXPENDITURES: 2003-2004 TO 2005-2006

[In dollars. Fiscal year ending June 30]

| Programs | 2003-2004 | 2004-2005 | 2005-2006 |
|----------------------------|------------------|------------------|------------------|
| General fund appropriation | 1,442,633,331 | 1,546,998,054 | 1,832,502,255 |
| Total expenditures | 1,309,900,413 | 1,392,434,689 | 1,572,449,140 |
| Instructional services | 963,125,601 | 1,013,492,835 | 1,098,041,315 |
| Support services | 43,708,430 | 48,461,462 | 66,147,218 |
| Instructional support | 168,972,096 | 180,807,737 | 200,580,096 |
| School support | 126,820,771 | 142,429,256 | 199,284,356 |
| Community services | 7,273,515 | 7,243,399 | 8,396,155 |
| Debt services costs | 98,933,822 | 98,377,766 | 206,116,917 |
| Expensed as fringe costs | 19,917,198 | 22,403,328 | 20,391,905 |
| Total general fund balance | 13,881,898 | 33,782,271 | 33,544,293 |

Source: Hawaii State Department of Education, Office of Fiscal Services, *Department of Education Financial Report, July 1, 2004 - June 30, 2005*, (December 2005), *Department of Education Financial Report, July 1, 2005 - June 30, 2006*, (December 2006) and records.
 <<http://doe.k12.hi.us/reports/financialreports.htm>> accessed on May 1, 2007.

**Table 3.12-- PUBLIC SCHOOL ENROLLMENT BY GRADE, BY COUNTY:
2007-2008**

| Grade | State total 1/ | Hawaii | Maui | Honolulu 1/ | Kauai | Special and charter schools |
|--------------|-----------------------|---------------|-------------|--------------------|--------------|------------------------------------|
| All grades | 179,900 | 24,289 | 20,401 | 119,005 | 9,445 | 6,760 |
| Nursery | 1,531 | 194 | 134 | 1,133 | 54 | 16 |
| Kindergarten | 14,070 | 1,851 | 1,653 | 9,250 | 702 | 614 |
| 1 | 12,744 | 1,735 | 1,355 | 8,490 | 653 | 511 |
| 2 | 13,235 | 1,697 | 1,500 | 8,867 | 607 | 564 |
| 3 | 12,559 | 1,620 | 1,446 | 8,333 | 620 | 540 |
| 4 | 12,367 | 1,596 | 1,381 | 8,209 | 651 | 530 |
| 5 | 12,063 | 1,561 | 1,410 | 7,985 | 623 | 484 |
| 6 | 12,013 | 1,516 | 1,315 | 7,951 | 659 | 572 |
| 7 | 11,736 | 1,387 | 1,286 | 7,849 | 630 | 584 |
| 8 | 11,835 | 1,380 | 1,274 | 7,965 | 682 | 534 |
| 9 | 13,950 | 1,837 | 1,591 | 9,411 | 780 | 331 |
| 10 | 11,798 | 1,705 | 1,318 | 7,782 | 621 | 372 |
| 11 | 11,530 | 1,718 | 1,370 | 7,423 | 746 | 273 |
| 12 | 9,819 | 1,474 | 1,159 | 6,370 | 592 | 224 |
| Special Ed. | 18,650 | 3,018 | 2,209 | 11,987 | 825 | 611 |

1/ Data exclude UH Lab School.

Source: Hawaii State Department of Education, <<http://lilinode.k12.hi.us/STATE/COMM/DOEPRESS.NSF/a1d7af052e94dd120a2561f7000a037c/a3d4d3f562c248900a25735d00084e49?OpenDocument>> accessed October 29, 2007.

**Table 3.13-- FEDERALLY-CONNECTED PUPILS IN PUBLIC SCHOOLS: FALL,
1996 TO 2007**

| Year | All federally-connected pupils | Percent of total enrollment | Includes dependents whose parents live and work on federal property | Includes dependents whose parents live on or work on federal property |
|-------------|---------------------------------------|------------------------------------|--|--|
| 1996 | 32,122 | 17.0 | 14,741 | 17,381 |
| 1997 | 30,905 | 16.3 | 14,343 | 16,562 |
| 1998 | 31,438 | 16.7 | 13,628 | 17,810 |
| 1999 | 30,337 | 16.3 | 12,969 | 17,368 |
| 2000 | 30,251 | 16.5 | 12,689 | 17,562 |
| 2001 | 28,276 | 15.3 | 12,434 | 15,842 |
| 2002 | 29,068 | 15.8 | 12,235 | 16,833 |
| 2003 | 28,692 | 15.6 | 11,601 | 17,091 |
| 2004 | 29,462 | 16.1 | 11,617 | 17,845 |
| 2005 | 29,390 | 16.3 | 11,004 | 18,386 |
| 2006 | 27,815 | 15.4 | 10,609 | 17,206 |
| 2007 | 28,752 | 16.1 | 10,389 | 18,363 |

Source: Hawaii State Department of Education, records.

Table 3.14-- HAWAII STATE HIGH SCHOOL GRADUATES BY PUBLIC AND PRIVATE HIGH SCHOOL: 1982 TO 2007

| Year | Total graduates | Public school graduates | Private school graduates |
|-------------|------------------------|--------------------------------|---------------------------------|
| 1982 | 13,999 | 11,563 | 2,436 |
| 1983 | 13,301 | 10,757 | 2,544 |
| 1984 | 13,041 | 10,454 | 2,587 |
| 1985 | 12,575 | 10,092 | 2,483 |
| 1986 | 12,511 | 9,958 | 2,553 |
| 1987 | 13,146 | 10,491 | 2,655 |
| 1988 | 13,449 | 10,751 | 2,698 |
| 1989 | 13,094 | 10,551 | 2,543 |
| 1990 | 12,278 | 9,848 | 2,430 |
| 1991 | 11,877 | 9,482 | 2,395 |
| 1992 | 12,015 | 9,615 | 2,400 |
| 1993 | 11,675 | 9,320 | 2,355 |
| 1994 | 12,353 | 9,870 | 2,483 |
| 1995 | 12,434 | 9,984 | 2,450 |
| 1996 | 12,482 | 9,995 | 2,487 |
| 1997 | 12,312 | 9,784 | 2,528 |
| 1998 | 12,915 | 10,369 | 2,546 |
| 1999 | 13,017 | 10,425 | 2,592 |
| 2000 | 13,380 | 10,671 | 2,709 |
| 2001 | 12,933 | 10,330 | 2,603 |
| 2002 | 13,368 | 10,771 | 2,597 |
| 2003 | 12,840 | 10,312 | 2,528 |
| 2004 | 13,212 | 10,657 | 2,555 |
| 2005 1/ | 13,393 | 10,847 | 2,546 |
| 2006 1/ | 13,645 | 10,834 | 2,811 |
| 2007 | 13,821 | 10,909 | 2,912 |

1/ Revised from previous *Data Book*.

Source: University of Hawaii, Institutional Research Office, records.

**Table 3.15-- PRIVATE SCHOOLS, TEACHERS, AND ENROLLMENT,
1993-1994 TO 2005-2006, AND PRIVATE HIGH SCHOOL
GRADUATES, 1991-1992 TO 2004-2005**

[Data limited to schools that offer first grade or above]

| School year | Number of schools | Enrollment | FTE teachers 1/ | High school graduates | |
|-------------|-------------------|------------|-----------------|-----------------------|--------|
| | | | | Year | Number |
| 1993-94 | 121 | 30,537 | 2,144 | 1991-92 | 1,886 |
| 1995-96 | 127 | 34,541 | 2,532 | 1994-95 | 2,603 |
| 1997-98 | 126 | 33,300 | 2,658 | 1996-97 | 2,618 |
| 1999-00 | 130 | 32,193 | 2,475 | 1998-99 | 2,533 |
| 2001-02 | 137 | 40,199 | 3,269 | 2000-01 | 3,388 |
| 2003-04 | 133 | 37,228 | 3,070 | 2002-03 | 2,780 |
| 2005-06 | 115 | 29,721 | 2,506 | 2004-05 | 1,674 |

1/ FTE refers to full-time equivalents, which may differ from headcount.

Source: National Center for Education Statistics, Private School Universe Survey, various surveys. See also <<http://nces.ed.gov/>>.

**Table 3.16-- SELECTED CHARACTERISTICS OF PUBLIC SCHOOL TEACHERS:
2001-2002 TO 2006-2007**

[Includes all public schools, with the exception of public charter schools and special schools]

| School year | FTE teachers 1/ | Head count teachers | Licensed teachers 2/ (percent) | Average years experience | 5+ years at same school (percent) | Advanced degree 3/ (percent) |
|-------------|-----------------|---------------------|--------------------------------|--------------------------|-----------------------------------|------------------------------|
| 2001-2002 | 10,726.5 | 10,846 | (NA) | 12.7 | 69 | 22.3 |
| 2002-2003 | 10,727.0 | 10,857 | 87.0 | 12.5 | 56 | 23.5 |
| 2003-2004 | 10,883.5 | 11,010 | 84.9 | 12.0 | 53 | 25.6 |
| 2004-2005 | 10,971.5 | 11,103 | 84.6 | 11.6 | 52 | 26.9 |
| 2005-2006 | 10,959.5 | 11,075 | 86.0 | 11.5 | 52 | 28.1 |
| 2006-2007 | 11,052.0 | 11,154 | 86.3 | 11.4 | 52 | 29.0 |

NA Not available.

1/ FTE refers to full-time equivalents, which may differ from head count.

2/ Teachers who are fully licensed by the Hawaii State Teachers Standards Board.

3/ Teachers who have earned degrees beyond a bachelor's degree.

Source: Hawaii State Department of Education, *Trend Report: Educational and Fiscal Accountability*, various issues, <<http://arch.k12.hi.us/school/trends/default.html>> accessed on March 17, 2008.

**Table 3.17-- SELECTED CHARACTERISTICS OF PUBLIC SCHOOL STUDENTS:
2001-2002 TO 2006-2007**

[Includes all public schools, with the exception of public charter schools and special schools]

| School year | Average daily attendance (percent) | | Students who are not suspended 1/ | 9th grade retention rate 2/ (percent) | Dropout rate 3/ (percent) | Graduate on-time 4/ (percent) |
|-------------|------------------------------------|-----------|-----------------------------------|---------------------------------------|---------------------------|-------------------------------|
| | Elementary | Secondary | | | | |
| 2001-2002 | 94.5 | 92.2 | 93.5 | 13.9 | (NA) | 78.9 |
| 2002-2003 | 94.5 | 92.2 | 94.3 | 14.3 | 14.3 | 80.0 |
| 2003-2004 | 94.7 | 92.2 | 95.0 | 14.5 | 15.1 | 79.9 |
| 2004-2005 | 94.3 | 92.2 | 94.7 | 15.3 | 14.8 | 79.6 |
| 2005-2006 | 94.1 | 92.1 | 94.6 | 15.3 | 15.4 | 79.5 |
| 2006-2007 | 94.4 | 92.2 | 94.1 | 15.1 | 16.3 | 79.1 |

NA Not available.

1/ Students who are "offense-free;" that is, they have not committed offenses which result in suspension from school.

2/ Students who are not promoted to the next grade level.

3/ Percent of high school students who enter 9th grade at a school, do not return to the same school, and are either officially exited as a "drop-out" or whose exit status is undetermined. The dropout rate is that of the previous school year. In the school year 2004-05 a new reporting system for dropouts began resulting in figures that are non-comparable to past years' figures.

4/ High school students who had completed high school within four years of their 9th grade entry date.

Source: Hawaii State Department of Education, *Trend Report: Educational and Fiscal Accountability*, various issues, <<http://arch.k12.hi.us/school/trends/default.html>> accessed on March 17, 2008.

**Table 3.18-- ETHNICITY OF PUBLIC SCHOOL STUDENTS AND
TEACHERS: SCHOOL YEAR 2006-2007**

| Ethnicity | Students (percent) | Teachers (percent) |
|------------------------|-----------------------|-----------------------|
| Total | 100.0 | 100.0 |
| African-American | 2.3 | 0.5 |
| Caucasian | 15.0 | 24.8 |
| Chinese | 3.2 | 4.2 |
| Filipino | 20.5 | 6.0 |
| Hawaiian/Part-Hawaiian | 27.3 | 9.9 |
| Hispanic | 3.0 | 0.3 |
| Japanese | 9.5 | 30.7 |
| Korean | 1.3 | 0.9 |
| Native American | 0.6 | 0.0 |
| Samoan | 3.5 | 0.3 |
| Other | 13.8 | 22.4 |

Source: State of Hawaii, Department of Education, *The Superintendent's Seventeenth Annual Report, 2007*
Appendix C, Table 6, <http://arch.k12.hi.us/state/superintendent_report/sar2007.html> accessed on May 12, 2008.

**Table 3.19-- SCHOLASTIC ASSESSMENT TEST SCORE AVERAGES:
2002 TO 2007**

[Recalibrated averages, not directly comparable to earlier data reported in *Data Book 1995*,
table 3.17. Formerly known as the Scholastic Aptitude Test]

| Year | Hawaii averages | | | U.S. averages | | |
|------|-----------------|------------|---------|---------------|------------|---------|
| | Math | Reading 1/ | Writing | Math | Reading 1/ | Writing |
| 2002 | 520 | 488 | (NA) | 516 | 504 | (NA) |
| 2003 | 516 | 486 | (NA) | 519 | 507 | (NA) |
| 2004 | 514 | 487 | (NA) | 518 | 508 | (NA) |
| 2005 | 516 | 490 | (NA) | 520 | 508 | (NA) |
| 2006 | 509 | 482 | 472 | 518 | 503 | 497 |
| 2007 | 506 | 484 | 473 | 515 | 502 | 494 |

NA Not available.

1/ Formerly verbal, before 2006.

Source: Hawaii State Department of Education, <[http://lilinode.k12.hi.us/STATE/COMM/DOEPRESS.NSF/a1d7af052e94dd120a2561f7000a037c/459b70ae5a9bcc8b0a257345007e0114/\\$FILE/NR08.28.07-College%20Brd%20SAT.pdf](http://lilinode.k12.hi.us/STATE/COMM/DOEPRESS.NSF/a1d7af052e94dd120a2561f7000a037c/459b70ae5a9bcc8b0a257345007e0114/$FILE/NR08.28.07-College%20Brd%20SAT.pdf)> accessed October 29, 2007.

Table 3.20-- TERRANOVA TEST RESULTS FOR PUBLIC SCHOOL GRADES 3, 4, 5, 6, 7, 8, AND 10: SPRING 2007

[The Hawaii State Assessment was based on the results of TerraNova test. It has replaced the Stanford Achievement Test as the norm-referenced test. Figures might not total 100 percent due to rounding]

| Subject and level | National norm | Grade 3 | Grade 4 | Grade 5 | Grade 6 | Grade 7 | Grade 8 | Grade 10 |
|--------------------------|----------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
| Reading: | | | | | | | | |
| Low | 23 | 27 | 25 | 22 | 22 | 29 | 21 | 23 |
| Average | 54 | 53 | 56 | 59 | 66 | 53 | 62 | 60 |
| High | 23 | 20 | 18 | 20 | 12 | 17 | 17 | 17 |
| Math: | | | | | | | | |
| Low | 23 | 26 | 26 | 23 | 27 | 26 | 24 | 25 |
| Average | 54 | 55 | 50 | 52 | 51 | 57 | 57 | 46 |
| High | 23 | 19 | 24 | 25 | 22 | 17 | 19 | 29 |

Source: Hawaii State Department of Education, <<http://www.doe.k12.hi.us/periodicals/update/2007/update0713.pdf>> accessed September 24, 2007 and records.

Table 3.21-- HAWAII STATE ASSESSMENT RESULTS FOR PUBLIC SCHOOL GRADES 3, 4, 5, 6, 7, 8, AND 10: SPRING 2007

[Proficiency percentages in this table are based on the scores of all students who took the test. The percentage tested is given for reference only. While consistent with reporting requirements of No Child Left Behind, it differs from results released in 2002, 2003, 2004. Totals may not add up to 100 percent due to rounding]

| Subject and level | Grade 3 | Grade 4 | Grade 5 | Grade 6 | Grade 7 | Grade 8 | Grade 10 |
|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
| Reading: | | | | | | | |
| Well below | 17.9 | 21.1 | 24.5 | 23.4 | 23.6 | 25.5 | 27.8 |
| Approaches | 21.2 | 25.3 | 15.2 | 21.1 | 14.8 | 14.3 | 7.6 |
| Meets | 51.3 | 45.7 | 51.4 | 40.2 | 45.7 | 42.3 | 37.7 |
| Exceeds | 9.6 | 7.9 | 8.9 | 15.3 | 15.9 | 17.9 | 26.9 |
| Tested | 97.2 | 97.7 | 98.8 | 98.4 | 98.4 | 98.1 | 95.4 |
| Math: | | | | | | | |
| Well below | 13.3 | 24.3 | 39.7 | 36.7 | 43.2 | 50.1 | 49.1 |
| Approaches | 38.5 | 28.0 | 20.5 | 24.2 | 19.6 | 24.3 | 22.0 |
| Meets | 23.1 | 26.2 | 18.9 | 24.5 | 24.7 | 17.6 | 17.7 |
| Exceeds | 25.1 | 21.5 | 20.9 | 14.6 | 12.6 | 8.0 | 11.2 |
| Tested | 97.3 | 97.6 | 98.8 | 98.3 | 98.2 | 98.1 | 95.3 |

Source: Hawaii State Department of Education, <<http://www.doe.k12.hi.us/periodicals/update/2007/update0712.pdf>> accessed September 24, 2007.

Table 3.22-- HEADCOUNT ENROLLMENT AT THE UNIVERSITY OF HAWAII, BY CAMPUS: FALL 1994 TO 2007

[Fall headcount of credit students, includes special students (early admits and concurrent registrants) for all years shown]

| Year | Total, all campuses | University of Hawaii at Manoa | | | | Univ. of Hawaii at Hilo | Univ. of Hawaii- West Oahu | |
|------|------------------------|-------------------------------|---------------------|----------------|----------------------|-------------------------------|-------------------------------------|-------|
| | | Total | Classified | | Unclassi- fied 1/ | | | |
| | | | Under- graduates | Gradu- ates | | | | |
| 1994 | 51,677 | 20,041 | 12,903 | 5,518 | 1,620 | 2,987 | 744 | |
| 1995 | 50,242 | 19,801 | 13,050 | 5,220 | 1,531 | 2,872 | 716 | |
| 1996 | 47,379 | 18,252 | 12,216 | 4,789 | 1,247 | 2,800 | 648 | |
| 1997 | 45,551 | 17,365 | 11,782 | 4,514 | 1,069 | 2,639 | 648 | |
| 1998 | 45,337 | 17,013 | 11,500 | 4,508 | 1,005 | 2,730 | 685 | |
| 1999 | 46,479 | 17,612 | 11,458 | 4,741 | 1,413 | 2,790 | 687 | |
| 2000 | 44,579 | 17,263 | 11,151 | 4,567 | 1,545 | 2,874 | 665 | |
| 2001 | 45,994 | 17,532 | 11,485 | 4,536 | 1,511 | 2,913 | 740 | |
| 2002 | 48,173 | 18,706 | 12,242 | 4,834 | 1,630 | 3,040 | 834 | |
| 2003 | 50,317 | 19,863 | 13,069 | 5,167 | 1,627 | 3,300 | 810 | |
| 2004 | 50,569 | 20,549 | 13,693 | 5,382 | 1,474 | 3,288 | 834 | |
| 2005 | 50,157 | 20,644 | 13,826 | 5,409 | 1,409 | 3,422 | 858 | |
| 2006 | 49,990 | 20,357 | 13,542 | 5,358 | 1,457 | 3,507 | 866 | |
| 2007 | 50,454 | 20,051 | 13,417 | 5,333 | 1,301 | 3,573 | 940 | |
| | | UH Community Colleges | | | | | | |
| Year | Total | Honolulu | Kapiolani | Leeward | Windward | Hawaii | Kauai | Maui |
| 1994 | 27,905 | 4,824 | 7,648 | 6,507 | 1,767 | 2,815 | 1,518 | 2,826 |
| 1995 | 26,853 | 4,445 | 7,329 | 6,368 | 1,674 | 2,811 | 1,461 | 2,765 |
| 1996 | 25,679 | 4,090 | 7,373 | 6,014 | 1,518 | 2,463 | 1,367 | 2,854 |
| 1997 | 24,899 | 3,970 | 7,189 | 5,936 | 1,513 | 2,221 | 1,283 | 2,787 |
| 1998 | 24,909 | 4,124 | 7,236 | 5,765 | 1,491 | 2,308 | 1,136 | 2,849 |
| 1999 | 25,390 | 4,769 | 7,254 | 5,570 | 1,514 | 2,279 | 1,142 | 2,862 |
| 2000 | 23,777 | 4,487 | 6,760 | 5,259 | 1,451 | 2,090 | 1,052 | 2,678 |
| 2001 | 24,809 | 4,653 | 7,081 | 5,562 | 1,554 | 2,075 | 1,185 | 2,699 |
| 2002 | 25,593 | 4,478 | 7,041 | 5,918 | 1,761 | 2,182 | 1,224 | 2,989 |
| 2003 | 26,344 | 4,238 | 7,491 | 6,201 | 1,873 | 2,346 | 1,210 | 2,985 |
| 2004 | 25,898 | 4,336 | 7,174 | 6,060 | 1,775 | 2,440 | 1,117 | 2,996 |
| 2005 | 25,233 | 4,183 | 7,289 | 5,709 | 1,713 | 2,377 | 1,059 | 2,903 |
| 2006 | 25,260 | 4,143 | 7,272 | 5,746 | 1,781 | 2,358 | 1,119 | 2,841 |
| 2007 | 25,890 | 4,027 | 7,517 | 5,887 | 1,824 | 2,603 | 1,051 | 2,981 |

1/ Unclassified at UH Manoa includes no data on educational level.

Source: University of Hawaii, Institutional Research Office, records.

**Table 3.23-- DEGREES, DIPLOMAS, AND CERTIFICATES AWARDED BY
THE UNIVERSITY OF HAWAII: 1995 TO 2007**

| Year ended June 30 | University of Hawaii at Manoa | | | | | | Univ. of Hawaii-West Oahu: Bachelor's |
|--------------------|-------------------------------|----------|-----------|-----------------------|----------|---------|---------------------------------------|
| | Bachelor's | Master's | Doctorate | First professional 1/ | Other 2/ | No data | |
| 1995 | 2,603 | 1,070 | 155 | 121 | 331 | - | 186 |
| 1996 | 2,782 | 1,053 | 186 | 122 | 285 | - | 199 |
| 1997 | 2,659 | 1,168 | 175 | 129 | 164 | - | 199 |
| 1998 | 2,528 | 932 | 161 | 128 | 81 | - | 147 |
| 1999 | 2,481 | 1,041 | 160 | 127 | 54 | - | 189 |
| 2000 | 2,508 | 1,040 | 152 | 129 | 112 | 1 | 196 |
| 2001 | 2,311 | 921 | 144 | 142 | 85 | - | 221 |
| 2002 | 2,326 | 837 | 105 | 135 | 51 | - | 179 |
| 2003 | 2,393 | 1,002 | 128 | 128 | 45 | - | 167 |
| 2004 | 2,543 | 965 | 109 | 146 | 96 | - | 212 |
| 2005 | 2,647 | 1,140 | 149 | 161 | 78 | - | 194 |
| 2006 | 2,837 | 1,163 | 147 | 174 | 80 | - | 265 |
| 2007 | 2,836 | 1,094 | 144 | 176 | 63 | - | 217 |

| Year ended June 30 | University of Hawaii at Hilo | | | UH Community Colleges | | | |
|--------------------|------------------------------|-------------------|-------------|-----------------------|--------------------|----------------------|---------|
| | Certificates 3/ | Bachelor's degree | Master's 4/ | Certificates 5/ | Associate's degree | Bachelor's degree 6/ | No data |
| 1995 | 73 | 367 | - | 516 | 2,107 | (X) | 1 |
| 1996 | 82 | 414 | - | 422 | 2,201 | (X) | - |
| 1997 | 45 | 421 | - | 372 | 2,304 | (X) | - |
| 1998 | 46 | 411 | - | 396 | 2,310 | (X) | 4 |
| 1999 | 31 | 419 | - | 371 | 2,244 | (X) | 11 |
| 2000 | 36 | 411 | - | 348 | 2,302 | (X) | 3 |
| 2001 | 33 | 419 | - | 325 | 2,209 | (X) | 1 |
| 2002 | 48 | 405 | 1 | 349 | 2,204 | (X) | - |
| 2003 | 36 | 450 | 16 | 336 | 2,375 | (X) | - |
| 2004 | 48 | 518 | 13 | 300 | 2,296 | (X) | - |
| 2005 | 41 | 453 | 3 | 325 | 2,346 | (X) | - |
| 2006 | 59 | 537 | 18 | 342 | 2,295 | (X) | - |
| 2007 | 40 | 530 | 22 | 317 | 2,393 | 3 | - |

X Not applicable.

1/ Includes Doctor of Jurisprudence (J.D.) and Doctor of Medicine (M.D.). Effective 1999, also includes Doctor of Architecture (DArch).

2/ Certificates in Dental Hygiene (1995-1998) and professional diplomas.

3/ Professional Certificates in Education. Postbaccalaureate certificate in Indigenous Teacher Education added in January 2003.

4/ MA in Hawaiian Language and Literature added in Fall 1997. Med in Education added in Fall 2000. MA in China-US Relations added in Fall 2002. MA in Counseling Psychology added in Fall 2003. MS in Tropical Conservation Biology added in Fall 2004.

5/ Certificates of Achievement and Advanced Professional Certificate beginning fiscal year 2005.

6/ Bachelor in Applied Science at Maui Community College added in Fall 2003.

Source: University of Hawaii, Institutional Research Office, records.

**Table 3.24-- UNIVERSITY OF HAWAII CURRICULA, TUITION, FINANCES,
AND FACULTY AND STAFF: 2005 TO 2007**

| Subject | 2005 | 2006 | 2007 |
|--|-----------|-----------|-------|
| Curricula offered at Manoa Campus, | 286 | 285 | 288 |
| Bachelor's degree programs | 87 | 87 | 87 |
| Master's degree programs | 87 | 85 | 83 |
| Doctoral programs | 51 | 51 | 51 |
| Other programs 1/ | 61 | 62 | 67 |
| Tuition per semester (full-time undergraduate, regular session) (dollars): 2/ | | | |
| Manoa Campus: Resident | 1,752 | 2,160 | 2,568 |
| Nonresident | 4,992 | 6,096 | 7,200 |
| Hilo: Resident | 1,236 | 1,500 | 1,764 |
| Nonresident | 4,020 | 4,776 | 5,532 |
| West Oahu: Resident | 1,128 | 1,368 | 1,608 |
| Nonresident | 3,696 | 4,392 | 5,088 |
| Community colleges: Resident 3/ | 588 | 672 | 756 |
| Nonresident 3/ | 2,904 | 3,043 | 3,182 |
| Finances, fiscal year ending June 30: | | | |
| Current fund revenues (\$1,000) | 1,062,507 | 1,149,338 | (NA) |
| Current fund expenditures (\$1,000) | 983,974 | 1,024,259 | (NA) |
| Faculty and staff, October 4/ | 9,303 | 9,492 | 9,769 |
| Board of Regents appointees | 7,642 | 7,844 | 8,103 |
| Full-time | 5,007 | 5,246 | 5,525 |
| Part-time | 2,635 | 2,598 | 2,578 |
| Civil Service personnel | 1,661 | 1,648 | 1,666 |
| Full-time | 1,594 | 1,581 | 1,606 |
| Part-time | 67 | 67 | 60 |

NA Not available.

1/ Includes undergraduate, and graduate certificate programs, first professional degree programs (JD, MD, Arch) and post-baccalaureate in education and professional diploma in education.

2/ Per-semester tuition data are reported by academic years (e.g. 2002 = AY 2002-2003). Data reported are tuition only and do not include required student fees.

3/ Community Colleges tuition is charged on a per-credit basis for all enrolled credits. The amount shown here is based on 12 enrolled credits, and shown for comparative purposes only.

4/ Includes persons on leave without pay.

Source: University of Hawaii, Institutional Research Office, records.

Table 3.25-- ENROLLMENT AND EARNED DEGREES CONFERRED, FOR PRIVATE COLLEGES AND UNIVERSITIES: 2002 TO 2007

[Excludes extension programs of mainland and foreign schools, unaccredited institutions, and other limited or specialized curriculum programs]

| Year and institution 1/ | Fall enrollment 2/ | | | Earned degrees conferred 3/ | | |
|-------------------------|--------------------|------------|----------|-----------------------------|------------|----------|
| | Total | Undergrad. | Graduate | Associate's | Bachelor's | Master's |
| 2002, total | 13,466 | 11,623 | 1,843 | 351 | 1,847 | 488 |
| Brigham Young | 2,529 | 2,529 | - | 10 | 499 | - |
| Chaminade | 2,800 | 2,195 | 605 | 138 | 279 | 166 |
| Hawaii Pacific | 8,137 | 6,899 | 1,238 | 203 | 1,069 | 322 |
| 2003, total | 13,361 | 11,517 | 1,844 | 355 | 1,907 | 512 |
| Brigham Young | 2,581 | 2,581 | - | 4 | 536 | - |
| Chaminade | 2,880 | 2,201 | 679 | 155 | 333 | 159 |
| Hawaii Pacific | 7,900 | 6,735 | 1,165 | 196 | 1,038 | 353 |
| 2004, total | 12,893 | 11,008 | 1,885 | 310 | 1,994 | 585 |
| Brigham Young | 2,341 | 2,341 | - | 6 | 545 | - |
| Chaminade | 2,752 | 2,052 | 700 | 135 | 310 | 251 |
| Hawaii Pacific | 7,800 | 6,615 | 1,185 | 169 | 1,139 | 334 |
| 2005, total | 13,223 | 11,383 | 1,840 | 378 | 1,839 | 600 |
| Brigham Young | 2,341 | 2,341 | - | 4 | 551 | - |
| Chaminade | 2,836 | 2,131 | 705 | 171 | 276 | 258 |
| Hawaii Pacific | 8,046 | 6,911 | 1,135 | 203 | 1,012 | 342 |
| 2006, total | 13,241 | 11,323 | 1,918 | 386 | 1,931 | 571 |
| Brigham Young | 2,414 | 2,414 | - | 2 | 526 | - |
| Chaminade | 2,747 | 2,053 | 694 | 167 | 338 | 225 |
| Hawaii Pacific | 8,080 | 6,856 | 1,224 | 217 | 1,067 | 346 |
| 2007, total | | | | | | |
| Brigham Young | 2,312 | 2,312 | - | 3 | 566 | - |
| Chaminade | 2,701 | 2,020 | 681 | 146 | 315 | 272 |
| Hawaii Pacific | 7,943 | 6,675 | 1,268 | 170 | 1,017 | 291 |

1/ Brigham Young University, Hawaii Campus (in Laie); Chaminade University of Honolulu; Hawaii Pacific University (in Honolulu).

2/ In regular credit programs.

3/ Year ended June 30.

Source: Hawaii State Department of Business, Economic Development & Tourism, annual mail and survey of school officials.

Table 3.26-- RESIDENCE AND MIGRATION OF FRESHMEN STUDENTS IN INSTITUTIONS OF HIGHER EDUCATION AND FRESHMEN STUDENTS GRADUATING FROM HIGH SCHOOL IN THE PAST 12 MONTHS: FALL 2004

| Category | Freshman students 1/ | Freshmen students 2/ | |
|--------------------------------|----------------------|----------------------|--------------------|
| | | Total | In 4-year colleges |
| Students enrolled in state 3/ | 8,492 | 5,955 | 3,144 |
| Students residents of state 4/ | 8,832 | 6,755 | 4,007 |
| Students remaining in state 5/ | 6,057 | 4,540 | 1,858 |
| Migration of students: | | | |
| Out of state | 2,775 | 2,215 | 2,149 |
| Into state | 2,435 | 1,415 | 1,286 |
| Net migration | -340 | -800 | -863 |

1/ Freshman students who are enrolled at the reporting institution for the first time.

2/ Freshman students, graduating from high school in the past 12 months, who are enrolled at the reporting institution for the first time.

3/ New students, whether in-migrants or "remaining."

4/ New students residing in Hawaii when first admitted to the reporting institution, whether in Hawaii or on the Mainland.

5/ New students attending institutions in their home state.

Source: U.S. Department of Education, National Center for Education Statistics, Institute of Education Sciences, *Digest of Education Statistics 2006* (NCES 2007-017), July 2007, Tables 207-209, <<http://nces.ed.gov/pubs2007/2007017.pdf>> accessed December 3, 2007.

**Table 3.27-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY
SYSTEM: 2002 TO 2007**

| Subject | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|--|------------------|------------------|-----------------|------------------|------------------|------------------|
| Library locations, June 30 | | | | | | |
| State | 50 | 50 | 51 | 51 | 51 | 51 |
| Oahu | 23 | 23 | 24 | 24 | 24 | 24 |
| Other islands | 27 | 27 | 27 | 27 | 27 | 27 |
| Personnel, June 30 1/ | 520.05 | 525.05 | 534.55 | 553.55 | 554.55 | 555.55 |
| Hours open 2/ | 53 | 40 | 42 | 91,993 | 95,761 | 94,467 |
| Collections, June 30 (1,000) | 3,355 | 3,281 | 3,490 | 3,576 | 3,644 | 3,756 |
| Circulation, year ended June 30 (1,000) | 7,156 | 6,723 | 6,258 | 6,479 | 6,634 | 6,792 |
| Customer visits (1,000) | 5,590 | 5,859 | 5,506 | 5,605 | 5,278 | 5,729 |
| Reference questions (1,000) | 1,147 | 982 | 871 | 877 | 915 | 851 |
| Public computers | (NA) | (NA) | (NA) | 511 | 518 | 495 |
| Internet users | 118,820 | 331,240 | 342,316 | 404,456 | 436,436 | 473,980 |
| Library programs 3/ Attendance | 9,632 236,807 | 9,336 237,120 | 2,202 79,636 | 2,579 105,745 | 2,667 114,780 | 4,763 151,425 |
| Group visits Attendance | (NA) (NA) | (NA) (NA) | (NA) (NA) | 2,796 67,770 | 3,448 78,143 | 2,445 55,564 |

NA Not available.

1/ Fiscal year 2001-2006 amended to reflect program appropriations from session laws, data may not be comparable to previous *Data Books*.

2/ For fiscal year 2001-2004 regular weekly totals for Hawaii State Library, Honolulu. Beginning in fiscal year 2005, the total annual service hours for all Hawaii State Public Library System libraries are included.

3/ Effective fiscal year 2004, group visit statistics are not included in total.

Source: Hawaii State Public Library System, Office of the State Librarian, records.

**Table 3.28-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY SYSTEM,
BY ISLAND: 2007**

[As of June 30]

| Island | Library locations | Personnel 1/ | Circulation | |
|---|--------------------------|---------------------------------|-----------------------------|-------------------------|
| Total system | 51 | 555.55 | 6,792,458 | |
| Oahu | 24 | (NA) | 4,539,057 | |
| Other islands | 27 | (NA) | 2,253,401 | |
| Hawaii | 13 | (NA) | 1,115,116 | |
| Kauai | 6 | (NA) | 476,089 | |
| Maui 2/ | 8 | (NA) | 662,196 | |
| | Collections | | | |
| Island | Books | Periodical subscriptions | DVDs and video tapes | Sound recordings |
| Total system | 3,396,196 | 4,517 | 119,191 | 240,856 |
| Oahu | 2,201,506 | 2,302 | 61,734 | 79,213 |
| Other islands | 1,162,620 | 2,130 | 56,885 | 52,339 |
| Hawaii | 503,674 | 891 | 23,504 | 23,117 |
| Kauai | 262,229 | 463 | 15,355 | 9,435 |
| Maui 2/ | 396,717 | 776 | 18,026 | 19,787 |
| Library for the Blind and Physically Handicapped 3/ | 32,070 | 85 | 572 | 109,304 |

NA Not available.

1/ In fiscal year 2005 amended to reflect program appropriations from session laws, data may not be comparable to previous *Data Books*.

2/ Includes libraries on Lanai (1 location), Maui (6 locations), and Molokai (1 location).

3/ Books include braille. Sound recordings include talking books, magnetic tape, record cassettes, and L.P. records.

Source: Hawaii State Public Library System, Office of the State Librarian, records.

Table 3.29-- UNIVERSITY OF HAWAII LIBRARY SYSTEM HOLDINGS AND CIRCULATION, BY CAMPUS: 2006 AND 2007

| Campus | Number of volumes, June 30 | | Circulation, year ended June 30 | |
|-------------------------------------|-------------------------------|-----------|------------------------------------|---------|
| | 2006 | 2007 | 2006 | 2007 |
| All campuses | 4,249,637 | 4,318,291 | 652,159 | 685,995 |
| UH Manoa, total | 3,617,904 | 3,672,245 | 507,529 | 496,880 |
| University of Hawaii at Manoa | 3,277,155 | 3,323,885 | 503,403 | 492,065 |
| UH Manoa Law Library | 336,336 | 340,315 | 3,801 | 4,478 |
| UH Manoa Health Sciences Library 1/ | 4,413 | 8,045 | 325 | 337 |
| University of Hawaii-West Oahu | 27,152 | 27,407 | 2,190 | 2,462 |
| University of Hawaii at Hilo 2/ | 232,030 | 234,412 | 81,479 | 111,098 |
| UH Center West Hawaii | (NA) | 5,409 | (NA) | 765 |
| Community colleges, total 2/ | 372,551 | 378,818 | 60,961 | 74,790 |
| Honolulu | 59,636 | 60,596 | 7,832 | 11,786 |
| Kapiolani | 73,114 | 74,023 | 22,895 | 18,656 |
| Leeward | 70,869 | 71,203 | 12,525 | 15,285 |
| Windward | 49,034 | 48,560 | 5,954 | 8,074 |
| Kauai | 60,409 | 62,864 | 4,955 | 5,597 |
| Maui 3/ | 59,489 | 61,572 | 6,800 | 15,392 |

NA Not available.

1/ John A. Burns School of Medicine

2/ Hawaii Community College is included with the University of Hawaii at Hilo

3/ Maui volumes includes holdings in Molokai, Lanai and Hana

Source: University of Hawaii at Manoa, University Libraries, records.

Section 4

LAW ENFORCEMENT, COURTS, AND PRISONS

Statistics in this section refer to crimes known to the police, stolen property, arrests, police personnel, attorneys, the judiciary system, prisons, and correctional facilities.

Statistics on law enforcement, courts, and prisons in Hawaii appear in the annual reports of the county police departments, the Hawaii State Judiciary, the Hawaii State Department of Public Safety, and the Administrative Office of the United States Courts. The Hawaii State Department of the Attorney General issues semi-annual crime summary reports. Figures on crime, the courts, and corrections in earlier years appear in *Historical Statistics of Hawaii*, Section 10. National data are summarized in the *Statistical Abstract of the United States: 2008*, Section 5.

Table
Number **Table Name**

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Narrative

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| 04.03 | Actual Offenses Known to Police and Offenses Cleared by Arrest or Otherwise, by Class of Offense: 1994 to 2005 |
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**Table 4.01-- ACTUAL INDEX OFFENSES KNOWN TO THE POLICE,
BY COUNTY: 1994 TO 2005**

[Index Offenses include murder, forcible rape, robbery, aggravated assault, burglary, larceny-theft, and motor vehicle theft. Excludes arson in the Index Offenses total. Actual offenses include reported or known offenses, less unfounded cases. Figures revised from *Data Books* prior to 2000 to exclude negligent manslaughter]

| Year | State total | | City and County of Honolulu | Hawaii County | Kauai County | Maui County |
|------|-------------|---------|-----------------------------------|------------------|-----------------|----------------|
| | Number | Rate 1/ | | | | |
| 1994 | 78,763 | 66.3 | 60,825 | 7,116 | 2,365 | 8,457 |
| 1995 | 85,447 | 71.4 | 67,145 | 7,074 | 2,637 | 8,591 |
| 1996 | 77,961 | 64.8 | 60,059 | 6,855 | 2,977 | 8,070 |
| 1997 | 71,492 | 59.0 | 53,410 | 7,317 | 2,849 | 7,916 |
| 1998 | 63,623 | 52.4 | 47,453 | 6,757 | 2,263 | 7,150 |
| 1999 | 57,324 | 47.4 | 42,678 | 5,815 | 2,076 | 6,755 |
| 2000 | 62,987 | 52.0 | 46,659 | 6,425 | 2,578 | 7,325 |
| 2001 | 65,947 | 54.0 | 48,442 | 6,985 | 2,346 | 8,174 |
| 2002 | 75,238 | 61.0 | 57,271 | 6,936 | 3,045 | 7,986 |
| 2003 | 69,267 | 55.6 | 50,912 | 7,133 | 3,043 | 8,179 |
| 2004 | 63,665 | 50.6 | 46,628 | 6,219 | 2,701 | 8,117 |
| 2005 | 64,067 | 50.3 | 44,953 | 8,278 | 2,221 | 8,615 |

1/ Annual rate per 1,000 resident population based on July 1 estimates by the U.S. Census Bureau, as revised through Dec. 22, 2005. Rates for 2000 and beyond may differ from previous *Data Books* due to revisions to these population figures. Population estimates for 1991 through 1999 were revised based upon the April 1, 2000 figures which were released April 19, 2002. Rates may also differ from those released by the Department of the Attorney General due to these population revisions.

Source: Hawaii State Department of the Attorney General, Crime Prevention and Justice Assistance Division, Uniform Crime Reports; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 4.02-- ACTUAL INDEX OFFENSES KNOWN TO THE POLICE, BY TYPE OF OFFENSE, FOR THE STATE OF HAWAII: 1996 TO 2005

[Actual offenses include reported or known offenses, less unfounded cases. Figures revised from *Data Books* prior to 2000 to exclude negligent manslaughter. Excludes arson in the Index Offenses total]

| Offense | 1996 | 1997 | 1998 | 1999 | 2000 |
|---|-------------|-------------|-------------|-------------|-------------|
| All Index Offenses (excluding arson) | 77,961 | 71,492 | 63,623 | 57,324 | 62,987 |
| Murder | 40 | 47 | 24 | 44 | 35 |
| Forcible rape | 326 | 371 | 352 | 354 | 346 |
| Robbery | 1,606 | 1,403 | 1,225 | 1,044 | 1,123 |
| Aggravated assault | 1,350 | 1,478 | 1,345 | 1,343 | 1,450 |
| Burglary | 12,781 | 12,741 | 11,169 | 9,421 | 10,665 |
| Larceny-theft | 54,701 | 48,984 | 43,914 | 40,458 | 43,254 |
| Motor vehicle theft | 7,157 | 6,468 | 5,594 | 4,660 | 6,114 |
| Arson | 353 | 380 | 374 | 352 | 389 |
| Offense | 2001 | 2002 | 2003 | 2004 | 2005 |
| All Index Offenses (excluding arson) | 65,947 | 75,238 | 69,267 | 63,665 | 64,067 |
| Murder | 32 | 24 | 22 | 33 | 25 |
| Forcible rape | 409 | 372 | 367 | 361 | 310 |
| Robbery | 1,142 | 1,210 | 1,168 | 963 | 1,022 |
| Aggravated assault | 1,534 | 1,656 | 1,843 | 1,917 | 2,075 |
| Burglary | 11,162 | 12,722 | 11,409 | 10,719 | 10,073 |
| Larceny-theft | 44,925 | 49,344 | 44,807 | 41,045 | 41,704 |
| Motor vehicle theft | 6,743 | 9,910 | 9,651 | 8,627 | 8,858 |
| Arson | 517 | 527 | 509 | 529 | 645 |

Source: Hawaii State Department of the Attorney General, Crime Prevention and Justice Assistance Division, Uniform Crime Reports.

**Table 4.03-- ACTUAL OFFENSES KNOWN TO POLICE AND OFFENSES
CLEARED BY ARREST OR OTHERWISE, BY CLASS OF OFFENSE:
1994 TO 2005**

[Actual offenses include reported or known offenses, less unfounded cases]

| Year | Actual offenses known to police | | Number cleared by arrest or otherwise 1/ | | Clearances per 100 offenses 1/ | |
|------|---------------------------------|----------------------------|--|----------------------------|--------------------------------|----------------------------|
| | Index Offenses 2/ | Part II, except traffic 3/ | Index Offenses 2/ | Part II, except traffic 3/ | Index Offenses 2/ | Part II, except traffic 3/ |
| 1994 | 78,763 | 118,942 | 12,131 | 75,843 | 15.4 | 63.8 |
| 1995 | 85,447 | 121,629 | 11,613 | 80,461 | 13.6 | 66.2 |
| 1996 | 77,961 | 115,435 | 12,292 | 79,523 | 15.8 | 68.9 |
| 1997 | 71,492 | 117,354 | 12,651 | 4/ 85,606 | 17.7 | 4/ 72.9 |
| 1998 | 63,623 | 109,183 | 12,023 | 72,564 | 18.9 | 66.5 |
| 1999 | 57,324 | 107,135 | 9,947 | 70,826 | 17.4 | 66.1 |
| 2000 | 62,987 | 113,060 | 8,998 | 72,075 | 14.3 | 63.7 |
| 2001 | 65,947 | 111,477 | 8,096 | 61,941 | 12.3 | 55.6 |
| 2002 | 75,238 | 118,822 | 7,872 | 62,964 | 10.5 | 53.0 |
| 2003 | 69,267 | 112,952 | 7,945 | 57,557 | 11.5 | 51.0 |
| 2004 | 63,665 | 110,839 | 7,314 | 58,254 | 11.5 | 52.6 |
| 2005 | 64,067 | 109,914 | 7,047 | 57,791 | 11.0 | 52.6 |

1/ Annual data on clearances include prior years' offenses cleared in the current year.

2/ Index Offenses include murder, forcible rape, robbery, aggravated assault, burglary, larceny-theft, and motor vehicle theft. Figures revised from *Data Books* prior to 2000 to exclude negligent manslaughter. Excludes arson.

3/ Part II data include all offenses, except traffic, that are not included in the Index Offenses. The list of these Part II offenses include other assault, disorderly conduct, driving under the influence, drug abuse violations, embezzlement, forgery and counterfeiting, fraud, gambling, liquor laws, manslaughter by negligence, offenses against the family and children, prostitution and commercialized vice, sex offenses, stolen property, vagrancy, vandalism, and weapons offenses.

4/ A special effort by the Hawaii County Police Department to close cases which were referred to the Prosecutor dating back to 1984 resulted in a greater number of Part II clearances than would normally be expected.

Source: Hawaii State Department of the Attorney General, Crime Prevention and Justice Assistance Division, Uniform Crime Reports.

**Table 4.04-- ACTUAL OFFENSES KNOWN TO POLICE AND OFFENSES
CLEARED BY ARREST OR OTHERWISE, BY CLASS OF OFFENSE,
BY COUNTY: 2005**

[Actual offenses include reported or known offenses, less unfounded cases]

| County | Actual offenses known to police | | Number cleared by arrest or otherwise 1/ | | Percent cleared | |
|-------------|---------------------------------|------------|--|------------|-----------------|------------|
| | Index 2/ | Part II 3/ | Index 2/ | Part II 3/ | Index 2/ | Part II 3/ |
| State total | 64,067 | 109,914 | 7,047 | 57,791 | 11.0 | 52.6 |
| Honolulu | 44,953 | 64,134 | 4,295 | 39,227 | 9.6 | 61.2 |
| Hawaii | 8,278 | 17,665 | 1,474 | 10,210 | 17.8 | 57.8 |
| Kauai | 2,221 | 5,066 | 395 | 2,914 | 17.8 | 57.5 |
| Maui | 8,615 | 23,049 | 883 | 5,440 | 10.2 | 23.6 |

1/ Includes offenses committed in prior years.

2/ Index Offenses include murder, forcible rape, robbery, aggravated assault, burglary, larceny-theft, and motor vehicle theft. Excludes arson in the Index Offenses total.

3/ Part II data include all other offenses, except traffic, that are not included in the Index Offenses. The list of these Part II offenses include other assault, disorderly conduct, driving under the influence, drug abuse violations, embezzlement, forgery and counterfeiting, fraud, gambling, liquor laws, manslaughter by negligence, offenses against the family and children, prostitution and commercialized vice, sex offenses, stolen property, vagrancy, vandalism, and weapons offenses. All traffic cases are excluded

Source: Hawaii State Department of the Attorney General, Crime Prevention and Justice Assistance Division, Uniform Crime Reports.

Table 4.05-- ACTUAL INDEX OFFENSES KNOWN TO POLICE AND INDEX OFFENSES CLEARED BY ARREST OR OTHERWISE, FOR THE STATE AND OAHU: 2005

[Actual offenses include reported or known offenses, less unfounded cases]

| Type of offense | Actual offenses known to police | | Number cleared by arrest or otherwise 1/ | | Percent cleared | |
|---|---------------------------------|-----------|--|-----------|-----------------|-----------|
| | State total | Oahu only | State total | Oahu only | State total | Oahu only |
| All Index Offenses (excluding arson) 2/ | 64,067 | 44,953 | 7,047 | 4,295 | 11.0 | 9.6 |
| Murder | 25 | 15 | 19 | 12 | 76.0 | 80.0 |
| Forcible rape | 310 | 234 | 109 | 70 | 35.2 | 29.9 |
| Robbery | 1,022 | 841 | 209 | 141 | 20.5 | 16.8 |
| Aggravated assault | 2,075 | 1,480 | 761 | 416 | 36.7 | 28.1 |
| Burglary | 10,073 | 6,209 | 622 | 182 | 6.2 | 2.9 |
| Larceny-theft | 41,704 | 29,376 | 4,460 | 3,056 | 10.7 | 10.4 |
| Motor vehicle theft | 8,858 | 6,798 | 867 | 418 | 9.8 | 6.1 |
| Arson | 645 | 547 | 29 | 15 | 4.5 | 2.7 |

1/ Includes offenses committed in prior years.

2/ Excludes arson in the All Index Offenses total.

Source: Hawaii State Department of the Attorney General, Crime Prevention and Justice Assistance Division, Uniform Crime Reports.

**Table 4.06--REPORTED OFFENSES, BY HONOLULU
POLICE DISTRICT: 2006 AND 2007**

[Reported offenses include unfounded complaints, which are screened out in the counting of actual offenses. Counts of reported offenses are a common measure of workload. Offenses for which no police district was listed are not shown in this table]

| Offense | Central Honolulu | Wahia-wa | Pearl City | Kailua-Kaneohe-Kahuku | Kalihi | Waikiki | East Honolulu | Kapolei-Waianae |
|---------------------|-------------------------|-----------------|-------------------|------------------------------|---------------|----------------|----------------------|------------------------|
| 2006, total | 7,026 | 3,587 | 6,598 | 4,518 | 5,301 | 3,771 | 4,982 | 5,716 |
| Murder | 5 | - | 2 | - | 1 | 1 | 3 | 7 |
| Forcible rape | 19 | 28 | 43 | 33 | 38 | 24 | 17 | 39 |
| Robbery | 197 | 87 | 150 | 53 | 148 | 105 | 91 | 126 |
| Aggravated assault | 288 | 130 | 165 | 173 | 255 | 144 | 118 | 275 |
| Burglary | 488 | 511 | 926 | 691 | 626 | 479 | 870 | 948 |
| Larceny-theft | 5,144 | 2,196 | 3,833 | 3,051 | 3,244 | 2,776 | 3,178 | 3,382 |
| Motor vehicle theft | 885 | 635 | 1,479 | 517 | 989 | 242 | 705 | 939 |
| 2007, total | 6,954 | 2,825 | 6,429 | 4,386 | 5,236 | 4,060 | 5,336 | 5,116 |
| Murder | 1 | 2 | 1 | 2 | 5 | 1 | 1 | 7 |
| Forcible rape | 22 | 23 | 26 | 31 | 34 | 28 | 19 | 45 |
| Robbery | 172 | 53 | 163 | 70 | 154 | 135 | 76 | 121 |
| Aggravated assault | 248 | 121 | 153 | 128 | 262 | 137 | 110 | 280 |
| Burglary | 519 | 558 | 895 | 717 | 676 | 446 | 857 | 1,196 |
| Larceny-theft | 5,194 | 1,728 | 4,128 | 2,951 | 3,338 | 3,037 | 3,587 | 2,832 |
| Motor vehicle theft | 798 | 340 | 1,063 | 487 | 767 | 276 | 686 | 635 |

Source: City and County of Honolulu, Honolulu Police Department, *2007 Annual Report*
<<http://www.honolulu.org/download/HPD2007AnnualReport.pdf>> accessed June 10, 2008 and records.

**Table 4.07-- PERSONS ARRESTED FOR INDEX AND PART II OFFENSES,
BY AGE AND SEX, AND BY COUNTY: 2005**

| Subject | State total | Honolulu | Hawaii | Maui | Kauai |
|---------------------|--------------------|-----------------|---------------|-------------|--------------|
| INDEX OFFENSES 1/ | | | | | |
| Total | 7,151 | 4,501 | 1,234 | 1,092 | 324 |
| Juveniles | | | | | |
| Male | 1,178 | 758 | 211 | 152 | 57 |
| Female | 682 | 505 | 86 | 60 | 31 |
| Adults | | | | | |
| Male | 3,967 | 2,419 | 704 | 662 | 182 |
| Female | 1,324 | 819 | 233 | 218 | 54 |
| PART II OFFENSES 2/ | | | | | |
| Total | 49,023 | 31,128 | 8,037 | 6,913 | 2,945 |
| Juveniles | | | | | |
| Male | 5,087 | 3,635 | 710 | 362 | 380 |
| Female | 3,680 | 2,605 | 649 | 184 | 242 |
| Adults | | | | | |
| Male | 32,010 | 20,251 | 5,092 | 4,898 | 1,769 |
| Female | 8,246 | 4,637 | 1,586 | 1,469 | 554 |

1/ Index Offenses include murder, forcible rape, robbery, aggravated assault, burglary, larceny-theft, and motor vehicle theft. Total Index Offense arrests include arrests for arson.

2/ Part II data include all other offenses, except traffic, that are not included in the Index Offenses. The list of these Part II offenses include other assault, disorderly conduct, driving under the influence, drug abuse violations, embezzlement, forgery and counterfeiting, fraud, gambling, liquor laws, manslaughter by negligence, offenses against the family and children, prostitution and commercialized vice, sex offenses, stolen property, vagrancy, vandalism, and weapons offenses. All traffic cases are excluded.

Source: Hawaii State Department of the Attorney General, Crime Prevention and Justice Assistance Division, Uniform Crime Reports.

Table 4.08-- CHILD ABUSE AND NEGLECT REPORTS: 1974 TO 2006

[Number of reports accepted for investigation. A child is counted each time he/she was found to be a victim. There may be several reports for one child or several children in one report. Data prior to 2000 were based on report date, while data from 2000 onward were based on disposition date. The disposition date is the date the report was confirmed]

| Year | Reported | Confirmed | Year | Reported | Confirmed | Year | Reported | Confirmed |
|------|----------|-----------|------|----------|-----------|------|----------|-----------|
| 1974 | 1,142 | 560 | 1985 | 4,359 | 2,391 | 1996 | 4,775 | 2,268 |
| 1975 | 914 | 423 | 1986 | 4,900 | 2,629 | 1997 | 5,235 | 2,531 |
| 1976 | 1,325 | 634 | 1987 | 4,741 | 2,555 | 1998 | 4,762 | 2,242 |
| 1977 | 1,794 | 841 | 1988 | 3,893 | 2,315 | 1999 | 5,962 | 2,935 |
| 1978 | 1,845 | 1,110 | 1989 | 4,054 | 2,386 | 2000 | 6,184 | 3,533 |
| 1979 | 2,290 | 1,109 | 1990 | 4,407 | 2,392 | 2001 | 7,210 | 3,930 |
| 1980 | 2,106 | 1,059 | 1991 | 4,365 | 2,318 | 2002 | 7,318 | 3,744 |
| 1981 | 2,360 | 1,137 | 1992 | 4,568 | 2,485 | 2003 | 7,835 | 3,868 |
| 1982 | 2,685 | 1,379 | 1993 | 4,753 | 2,411 | 2004 | 6,823 | 3,396 |
| 1983 | 3,635 | 1,621 | 1994 | 5,186 | 2,334 | 2005 | 5,207 | 2,645 |
| 1984 | 4,388 | 2,180 | 1995 | 4,984 | 2,317 | 2006 | 3,974 | 1,928 |

Source: Hawaii State Department of Human Services, Management Services Office, *A Statistical Report on Child Abuse and Neglect in Hawaii* (annual)
<http://www.hawaii.gov/dhs/protection/social_services/child_welfare/ChildAbuse> accessed January 4, 2008.

**Table 4.09-- CHARACTERISTICS OF CHILD ABUSE AND NEGLECT
VICTIMS: 2003 TO 2006**

[Confirmed, unduplicated count of children. A child is only counted once,
regardless of how many times he/she was reported]

| Subject | 2003 | 2004 | 2005 | 2006 |
|-------------------------------|-------|-------|-------|-------|
| Total | 3,623 | 3,238 | 2,577 | 1,882 |
| Type 1/ ^{1/} | | | | |
| Physical abuse | 445 | 377 | 281 | 221 |
| Neglect | 589 | 530 | 408 | 283 |
| Medical neglect | 49 | 61 | 55 | 31 |
| Sexual abuse | 210 | 206 | 132 | 92 |
| Psychological abuse | 90 | 50 | 23 | 33 |
| Threatened harm | 3,231 | 2,830 | 2,322 | 1,734 |
| County | | | | |
| Hawaii | 906 | 740 | 576 | 412 |
| Honolulu | 2,275 | 2,068 | 1,646 | 1,218 |
| Kauai | 139 | 119 | 90 | 83 |
| Maui | 303 | 311 | 265 | 169 |
| Victim characteristics | | | | |
| Age (percent) | | | | |
| Less than one year to 4 years | 38.0 | 39.7 | 41.5 | 39.9 |
| 5 to 11 years | 36.7 | 34.4 | 32.8 | 31.5 |
| 12 to 17 years | 24.8 | 25.4 | 25.2 | 27.9 |
| Unknown | 0.6 | 0.6 | 0.5 | 0.7 |
| Females (percent) | 50.0 | 51.1 | 51.5 | 50.8 |
| Race (percent) | | | | |
| Hawaiian or part Hawaiian | 40.6 | 37.7 | 40.8 | 37.9 |
| Mixed | 12.6 | 13.5 | 13.6 | 14.8 |
| White | 10.1 | 10.2 | 9.4 | 10.9 |
| Filipino | 6.0 | 7.0 | 7.5 | 6.5 |
| Other 2/ ^{2/} | 11.4 | 14.2 | 13.0 | 15.4 |
| Unknown/Unable to determine | 19.4 | 17.3 | 15.8 | 14.5 |

1/ Each type of abuse and neglect is counted only once, regardless of how many times they have been reported. Each child may have one or more types of abuse in the report year, however, so the sum of the types exceeds the total unduplicated count of children whose reports were confirmed.

2/ Includes Hispanic/Spanish.

Source: Hawaii State Department of Human Services, Management Services Office, *A Statistical Report on Child Abuse and Neglect in Hawaii* (annual)

<http://www.hawaii.gov/dhs/protection/social_services/child_welfare/ChildAbuse> accessed January 4, 2008.

Table 4.10-- VALUE OF PROPERTY REPORTED STOLEN AND VALUE OF STOLEN PROPERTY RECOVERED, BY CATEGORY: 1994 TO 2005

| Year | Locally stolen motor vehicles | | | Other stolen property | | |
|------|-------------------------------|--------------------|---------|------------------------|--------------------|---------|
| | Value stolen (\$1,000) | Value recovered 1/ | | Value stolen (\$1,000) | Value recovered 1/ | |
| | | Amount (\$1,000) | Percent | | Amount (\$1,000) | Percent |
| 1994 | 12,130.1 | 9,283.5 | 76.5 | 56,242.1 | 3,355.1 | 6.0 |
| 1995 | 14,916.3 | 11,821.0 | 79.2 | 59,467.6 | 2,978.2 | 5.0 |
| 1996 | 17,884.9 | 13,933.6 | 77.9 | 59,619.9 | 3,538.0 | 5.9 |
| 1997 | 15,908.6 | 11,341.6 | 71.3 | 50,515.4 | 2,262.1 | 4.5 |
| 1998 | 12,406.3 | 8,702.4 | 70.1 | 47,282.6 | 2,492.7 | 5.3 |
| 1999 | 10,295.3 | 7,425.8 | 72.1 | 41,141.6 | 2,030.3 | 4.9 |
| 2000 | 10,668.4 | 7,972.4 | 74.7 | 48,654.7 | 1,654.6 | 3.4 |
| 2001 | 12,801.3 | 8,558.9 | 66.9 | 48,731.3 | 2,288.1 | 4.7 |
| 2002 | 15,538.4 | 11,478.1 | 73.9 | 53,506.8 | 2,192.4 | 4.1 |
| 2003 | 11,794.6 | 8,305.3 | 70.4 | 47,898.9 | 2,122.1 | 4.4 |
| 2004 | 12,405.4 | 8,132.5 | 65.6 | 52,757.4 | 3,169.6 | 6.0 |
| 2005 | 51,801.2 | 29,645.8 | 57.2 | 54,224.7 | 3,131.3 | 5.8 |

1/ Annual data include prior years' stolen property recovered in current year.

Source: Hawaii State Department of the Attorney General, Crime Prevention and Justice Assistance Division, Uniform Crime Reports.

**Table 4.11-- VALUE OF PROPERTY STOLEN AND VALUE OF STOLEN
PROPERTY RECOVERED, BY COUNTY: 2005**

[In \$1,000, unless otherwise specified]

| Subject | State total | Honolulu | Hawaii | Maui | Kauai |
|--|------------------------|-----------------|---------------|-------------|--------------|
| Value of property stolen | 106,025.9 | 76,228.4 | 9,739.1 | 17,274.2 | 2,784.2 |
| Motor vehicles | 51,801.2 | 38,751.3 | 3,172.8 | 8,873.5 | 1,003.1 |
| Other property | 54,224.7 | 37,477.0 | 6,566.2 | 8,400.6 | 1,781.1 |
| Value of stolen property recovered 1/ | 32,777.1 | 22,027.4 | 2,041.5 | 7,884.8 | 823.4 |
| Motor vehicles | 29,645.8 | 20,502.5 | 1,946.9 | 6,391.8 | 804.5 |
| Other property | 3,131.3 | 1,524.9 | 94.6 | 1,493.0 | 18.8 |
| Percent of value recovered | 30.9 | 28.9 | 21.0 | 45.6 | 29.6 |
| Motor vehicles | 57.2 | 52.9 | 61.4 | 72.0 | 80.2 |
| Other property | 5.8 | 4.1 | 1.4 | 17.8 | 1.1 |

1/ Annual data include prior years' stolen property recovered in current year.

Source: Hawaii State Department of the Attorney General, Crime Prevention and Justice Assistance Division, Uniform Crime Reports.

**Table 4.12-- CRIME RATES FOR THE UNITED STATES AND HAWAII:
2004 AND 2005**

[Offenses known to the police per 100,000 estimated population. Index Offenses include murder, forcible rape, robbery, aggravated assault, burglary, larceny-theft, and motor vehicle theft. Excludes arson]

| Type of offense | U.S. rate | | Hawaii rate | | Hawaii rank 1/ | |
|-----------------------|-----------|---------|-------------|---------|----------------|------|
| | 2004 | 2005 | 2004 | 2005 | 2004 | 2005 |
| All Index Offenses 2/ | (NA) | (NA) | 5,041.4 | 5,024.1 | (NA) | (NA) |
| Violent crime | 463.2 | 469.2 | 259.3 | 269.1 | 39 | (NA) |
| Property crime | 3,514.1 | 3,429.8 | 4,782.2 | 4,755.0 | 3 | (NA) |

NA Not available.

1/ Out of 50 states, with highest crime rate ranking 1.

2/ Excludes arson. FBI stopped calculating Index Crimes or Index Offenses since 2004. New terms pending.

Source: Hawaii State Department of the Attorney General, Crime Prevention and Justice Assistance Division, records; U.S. Department of Justice, Federal Bureau of Investigation, records.

Table 4.13-- AUTHORIZED POLICE PERSONNEL, BY COUNTY: 2007

[As of December 31]

| Status | State total | Honolulu | Hawaii | Kauai | Maui |
|-------------------------|--------------------|-----------------|---------------|--------------|-------------|
| Total | 4,563 | 3,186 | 658 | 208 | 511 |
| Sworn, active | 3,081 | 2,132 | 432 | 150 | 367 |
| Sworn, reserve | 133 | 100 | 33 | - | - |
| Training pool | 413 | 375 | 38 | - | - |
| Not sworn (civilian) | 934 | 577 | 155 | 58 | 144 |
| Police radio dispatcher | 1/ 246 | 1/ 143 | 38 | 20 | 45 |
| Other | 2 | 2 | - | - | - |

1/ Excludes operators who handle 911 calls only.

Source: County police departments, records.

**Table 4.14-- COURTS, JUDGES, MAGISTRATES, AND ATTORNEYS:
2005 TO 2007**

[As of June 30]

| Subject | 2005 | 2006 | 2007 |
|--|-------|-------|-------|
| Federal judges and magistrates: 1/ | | | |
| U.S. Bankruptcy Court | 1 | 1 | 1 |
| U.S. District Court | 7 | 7 | 7 |
| State justices and judges: 1/ | | | |
| Supreme Court | 5 | 5 | 5 |
| Intermediate Court of Appeals | 6 | 6 | 6 |
| Circuit Courts 2/ | 33 | 33 | 33 |
| Assigned to Family Court | 3 | 3 | 3 |
| District Courts 3/ | 36 | 36 | 36 |
| Assigned to Family Court | 15 | 15 | 15 |
| Land Court | (4/) | (4/) | (4/) |
| Tax Appeal Court | (4/) | (4/) | (4/) |
| Attorneys licensed in Hawaii (includes judges) | 6,786 | 6,930 | 7,053 |
| Active | 4,465 | 4,553 | 4,726 |
| Inactive | 2,321 | 2,377 | 2,327 |

1/ Authorized full-time positions.

2/ Includes judges assigned to the Family Court, a division of the Circuit Courts. In addition, Circuit Court judges may be assigned to hear matters before the Land Court and Tax Appeal Court, both of which are specialized courts separate from the Circuit Courts. There are four Circuit Courts, convened in five locations.

3/ Includes judges assigned to the Family Courts, a division of the Circuit Courts. There are four District Courts, one in each of the four judicial circuits, convened in 22 locations.

4/ Caseload assigned to Circuit Court judges.

Source: Office of the Clerk, U.S. District Court, records; Office of the Administrative Director of the Courts, State Judiciary, records; Hawaii State Bar Association, records.

**Table 4.15-- UNITED STATES DISTRICT COURT CASES:
2003 TO 2007**

[Fiscal year ending September 30]

| Subject | 2003 | 2004 | 2005 | 2006 | 2007 |
|---------------------|-------|-------|-------|----------|-------|
| Civil cases | | | | | |
| Commenced (filings) | 769 | 772 | 791 | 726 | 663 |
| Terminated | 1,003 | 812 | 783 | 739 | 758 |
| Pending 1/ | 791 | 747 | 759 | 2/ 720 | 625 |
| Criminal cases | | | | | |
| Commenced (filings) | 616 | 479 | 572 | 2/ 377 | 364 |
| Terminated | 891 | 439 | 701 | 2/ 426 | 391 |
| Pending 3/ | 565 | 625 | 708 | 2/ 488 | 461 |
| Bankruptcy | | | | | |
| Commenced (filings) | 3,908 | 3,237 | 3,716 | 2,233 | 1,281 |
| Business | 65 | 51 | 72 | 43 | 46 |
| Nonbusiness | 3,843 | 3,186 | 3,644 | 2,190 | 1,235 |
| Terminated | 4,110 | 3,459 | 3,280 | 3,419 | 1,482 |
| Pending | 2,498 | 2,279 | 2,717 | 2/ 1,533 | 1,332 |

1/ Excludes asbestos cases transferred to the Pennsylvania Eastern District Court under Order 875 of the Judicial Panel on Multidistrict Litigation.

2/ Revised from previous *Data Book*.

3/ Excludes each case in which the defendant has been a fugitive since before October 1st of the previous year. However, no case with multiple defendants has been excluded unless all defendants in the case have been fugitives since before October 1st of the previous year. Includes all felony and Class A misdemeanor cases, but includes only those petty offense cases that have been assigned to District judges.

Source: Administrative Office of the United States Courts, *Judicial Business of the United States Courts Annual Report of the Director* (annual) <<http://www.uscourts.gov/judbus2007/contents.html>> accessed April 2, 2008.

Table 4.16-- UNITED STATES BANKRUPTCY COURT CASES FILED UNDER CHAPTER 7, 11 AND 13 OF THE BANKRUPTCY CODE: 1997 TO 2007

[Based upon original chapter designation at the time the case is originally filed. Table includes cases filed in 2007 which were on the caseload as of December 31, 2007]

| Year | Chapter 7 1/ | | | Chapter 11 2/ | | | Chapter 13 3/ | | |
|---------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | Total | Busi- ness | Pers- onal | Total | Busi- ness | Pers- onal | Total | Busi- ness | Pers- onal |
| 1997 | 3,956 | 124 | 3,832 | 46 | 41 | 5 | 454 | 19 | 435 |
| 1998 | 5,265 | 79 | 5,186 | 27 | 24 | 3 | 518 | 6 | 512 |
| 1999 | 4,882 | 59 | 4,823 | 30 | 29 | 1 | 500 | 6 | 494 |
| 2000 | 4,012 | 44 | 3,968 | 34 | 22 | 12 | 486 | 3 | 483 |
| 2001 | 4,497 | 39 | 4,458 | 22 | 20 | 2 | 506 | 2 | 504 |
| 2002 | 4,032 | 36 | 3,996 | 20 | 18 | 2 | 432 | - | 432 |
| 2003 | 3,293 | 39 | 3,254 | 29 | 25 | 4 | 459 | 2 | 457 |
| 2004 | 2,714 | 29 | 2,685 | 18 | 12 | 6 | 366 | 4 | 362 |
| 2005 | 4,125 | 62 | 4,063 | 17 | 15 | 2 | 340 | 3 | 337 |
| 2006 4/ | 793 | 16 | 777 | 9 | 6 | 3 | 151 | 1 | 150 |
| 2007 | 1,127 | 40 | 1,087 | 15 | 13 | 2 | 242 | 2 | 240 |

1/ Chapter 7 cases involve the bankruptcy trustee's gathering and sale of the debtor's nonexempt assets, from which holders of claims will receive distributions in accordance with the provisions of the Bankruptcy Code. (Excerpt taken from Bankruptcy Division Public Information Series, Administrative Office of the United States Courts)

2/ Chapter 11 is the business reorganization chapter. This type of bankruptcy is used primarily by businesses which wish to reorganize and continue in operations after bankruptcy. The business is allowed to continue operations during the pendency of the case and a trustee is appointed only upon motion of a creditor or party in interest. The debtor is required to file a plan of reorganization. Creditors may vote on the plan and the court is required to approve it. (United States Bankruptcy Court of the District of Hawaii)

3/ Chapter 13 is designed for individuals with regular income who desire to pay their debts but are currently unable to do so. The primary benefit of Chapter 13 relief is the ability to repay creditors, in full or in part, in installments over a three to five year period, during which time creditors are prohibited from starting or continuing collection efforts. (Excerpt taken from Bankruptcy Division Public Information Series, Administrative Office of the United States Courts)

4/ On April 20, 2005, President Bush signed into law the Bankruptcy Abuse Prevention and Consumer Protection Act of 2005 ("BAPCPA"). BAPCPA made substantial changes to the Bankruptcy Code. Most BAPCPA changes apply only to cases file on or after October 17, 2005. (Excerpt taken from Bankruptcy Division Public Information Series, Administrative Office of the United States Courts)

Source: United States Bankruptcy Court of the District of Hawaii, records; Administrative Office of the United States Courts, *Bankruptcy Basics*

<<http://www.uscourts.gov/bankruptcycourts/bankruptcybasics.html>> accessed January 12, 2007.

**Table 4.17-- STATE JUDICIARY CASES FILED, BY TYPE OF ACTION:
2005 TO 2007**

[Fiscal year ending June 30]

| Court and type of action | 2005 | 2006 | 2007 |
|--|--------|--------|--------|
| Supreme Court 1/ | 3,393 | 3,091 | 477 |
| Primary cases | 412 | 321 | 102 |
| Appeals | 357 | 269 | 33 |
| Original proceedings | 55 | 52 | 69 |
| Supplemental proceedings | 2,981 | 2,770 | 375 |
| Intermediate Court of Appeals 2/ | 536 | 514 | 2,794 |
| Primary cases | 311 | 319 | 522 |
| Appeals | 311 | 319 | 522 |
| Supplemental proceedings | 225 | 195 | 2,272 |
| Circuit Courts Proper | 11,530 | 11,424 | 11,308 |
| Civil actions | 3,661 | 3,448 | 3,582 |
| Probate proceedings | 1,596 | 1,564 | 1,527 |
| Guardianship proceedings | 231 | 341 | 320 |
| Miscellaneous proceedings | 1,214 | 1,085 | 1,094 |
| Criminal actions | 4,828 | 4,815 | 4,577 |
| Part I offenses | 1,874 | 1,955 | 1,830 |
| Part II offenses | 2,954 | 2,860 | 2,747 |
| Trust proceedings 3/ | (NA) | 171 | 208 |
| Family Courts | 32,446 | 32,469 | 34,092 |
| Marital actions and proceedings | 5,634 | 5,720 | 5,508 |
| Uniform reciprocal enforcement of support | 420 | 412 | 490 |
| Adoption proceedings | 764 | 703 | 673 |
| Parental proceedings | 2,052 | 2,051 | 1,832 |
| Domestic Abuse Protective Orders (Ch. 586) | 4,618 | 4,654 | 4,505 |
| Miscellaneous proceedings | 2,163 | 2,435 | 2,179 |
| Criminal actions | 3,458 | 3,209 | 3,029 |
| Children's referrals | 13,337 | 13,285 | 15,876 |

Continued on next page.

**Table 4.17-- STATE JUDICIARY CASES FILED, BY TYPE OF ACTION:
2005 TO 2007 -- Con.**

| Court and type of action | 2005 | 2006 | 2007 |
|------------------------------|---------|---------|------------|
| District Court | 543,322 | 561,528 | 4/ 513,441 |
| Civil | 16,734 | 17,469 | 17,823 |
| Regular civil | 13,497 | 14,080 | 14,001 |
| Small claims | 3,237 | 3,389 | 3,822 |
| Traffic | 470,822 | 491,609 | (4/) |
| Moving - arrest and citation | 151,653 | 156,557 | (4/) |
| Non-moving | 123,957 | 139,014 | (4/) |
| Parking | 195,212 | 196,038 | (4/) |
| Traffic | (4/) | (4/) | 457,972 |
| Criminal | (4/) | (4/) | 46,091 |
| Non criminal | (4/) | (4/) | 223,255 |
| Parking violations | (4/) | (4/) | 182,434 |
| Other violations | (4/) | (4/) | 1 |
| Administrative reviews | (4/) | (4/) | 6,191 |
| Other violations | 3,429 | 3,369 | 2,551 |
| Criminal actions | 52,337 | 49,081 | 35,095 |
| Part I offenses | 5,255 | 4,747 | 3,715 |
| Part II offenses | 47,082 | 44,334 | 31,380 |

NA Not available.

1/ Data exclude cases transferred to the Intermediate Court of Appeals: 309 in 2005, 318 in 2006, and none in 2007. In accordance with Act 202, Session Laws of Hawaii 2004, new appeals are filed at the Intermediate Court of Appeals, effective July 1, 2006.

2/ Data exclude cases transferred back to the Supreme Court: none in 2005, none in 2006, and 2 in 2007. In accordance with Act 202, Session Laws of Hawaii 2004, new appeals are filed at the Intermediate Court of Appeals, effective July 1, 2006.

3/ New category of trust proceedings which was added to this table in 2006.

4/ In 2007, a new case-based reporting system for traffic filings began. In this system, a traffic case involving multiple offenses is counted as one case, and the most serious offense is selected for classification purposes. The new reporting categories are based on the latest "State Court Guide to Statistical Reporting" published by the National Center for State Courts.

Source: The Judiciary, State of Hawaii, records.

**Table 4.18-- STATE JUDICIARY CASES TERMINATED, BY TYPE OF ACTION:
2005 TO 2007**

[Fiscal year ending June 30]

| Court and type of action | 2005 | 2006 | 2007 |
|--|-------------|-------------|-------------|
| Supreme Court 1/ | 3,455 | 3,220 | 582 |
| Primary cases | 469 | 454 | 202 |
| Appeals | 411 | 397 | 134 |
| Original proceedings | 58 | 57 | 68 |
| Supplemental proceedings | 2,986 | 2,766 | 380 |
| Intermediate Court of Appeals 2/ | 514 | 520 | 2,813 |
| Primary cases | 284 | 317 | 559 |
| Appeals | 284 | 317 | 559 |
| Supplemental proceedings | 230 | 203 | 2,254 |
| Circuit Courts Proper | 11,652 | 9,713 | 8,274 |
| Civil actions | 4,127 | 3,745 | 3,179 |
| Probate proceedings | 2,591 | 788 | 605 |
| Guardianship proceedings | 169 | 185 | 195 |
| Miscellaneous proceedings | 1,158 | 1,203 | 682 |
| Criminal actions | 3,607 | 3,738 | 3,548 |
| Part I offenses | 1,442 | 1,506 | 1,420 |
| Part II offenses | 2,165 | 2,232 | 2,128 |
| Trust proceedings 3/ | (NA) | 54 | 65 |
| Family Courts | 33,949 | 29,800 | 32,257 |
| Marital actions and proceedings | 5,701 | 5,229 | 5,452 |
| Uniform reciprocal enforcement of support | 443 | 357 | 452 |
| Adoption proceedings | 736 | 640 | 694 |
| Parental proceedings | 2,885 | 1,669 | 1,652 |
| Domestic Abuse Protective Orders (Ch. 586) | 4,611 | 4,638 | 4,499 |
| Miscellaneous proceedings | 2,430 | 2,143 | 1,940 |
| Criminal actions | 3,211 | 2,732 | 3,053 |
| Children's referrals | 13,932 | 12,392 | 14,515 |

Continued on next page.

**Table 4.18-- STATE JUDICIARY CASES TERMINATED, BY TYPE OF ACTION:
2005 TO 2007 -- Con.**

| Court and type of action | 2005 | 2006 | 2007 |
|------------------------------|------------|---------|------------|
| District Court | 539,251 | 477,930 | 4/ 421,115 |
| Civil | 12,920 | 14,831 | 17,863 |
| Regular civil | 10,397 | 11,849 | 14,158 |
| Small claims | 2,523 | 2,982 | 3,705 |
| Traffic | 5/ 469,318 | 412,913 | (4/) |
| Moving - arrest and citation | 180,998 | 144,550 | (4/) |
| Non-moving | 124,835 | 122,057 | (4/) |
| Parking | 163,485 | 146,306 | (4/) |
| Traffic | (4/) | (4/) | 373,252 |
| Criminal | (4/) | (4/) | 42,679 |
| Non criminal | (4/) | (4/) | 187,723 |
| Parking violations | (4/) | (4/) | 136,725 |
| Other violations | (4/) | (4/) | 8 |
| Administrative reviews | (4/) | (4/) | 6,117 |
| Other violations | 3,233 | 3,085 | 2,156 |
| Criminal actions | 53,780 | 47,101 | 27,844 |
| Part I offenses | 4,817 | 4,483 | 3,584 |
| Part II offenses | 48,963 | 42,618 | 24,260 |

NA Not available.

1/ Data exclude cases transferred to the Intermediate Court of Appeals: 309 in 2005, 318 in 2006, and none in 2007. In accordance with Act 202, Session Laws of Hawaii 2004, new appeals are filed at the Intermediate Court of Appeals, effective July 1, 2006.

2/ Data exclude cases transferred back to the Supreme Court: none in 2005, none in 2006, and 2 in 2007. In accordance with Act 202, Session Laws of Hawaii 2004, new appeals are filed at the Intermediate Court of Appeals, effective July 1, 2006.

3/ New category of trust proceedings which was added to this table in 2006.

4/ In 2007, a new case-based reporting system for traffic dispositions (entry of judgement) began. In this system, a traffic case involving multiple offenses is counted as one case, and the most serious offense is selected for classification purposes. The new reporting categories are based on the latest "State Court Guide to Statistical Reporting" published by the National Center for State Courts.

5/ Additional effort in the cleanup of old outstanding traffic cases to prepare for migration to JIMS, the Judiciary's new caseload management system.

Source: The Judiciary, State of Hawaii, records.

**Table 4.19-- INMATES PRESENT IN STATE CORRECTIONAL FACILITIES:
ANNUAL AVERAGES, 1997 TO 2007**

[Mean head count for fiscal year ending June 30]

| Year | Total | Adult facilities 1/ | | | | Juvenile facilities 2/ | |
|------|-------|---------------------|-------------------|---------------|------------------------|------------------------|-------|
| | | Sentenced felons | Sentenced jail 3/ | Not sentenced | Technical violators 4/ | Boys | Girls |
| 1997 | 3,450 | 5/ 1,557 | 343 | 994 | 498 | 50 | 8 |
| 1998 | 4,157 | 5/ 1,662 | 432 | 1,348 | 644 | 61 | 10 |
| 1999 | 3,811 | 5/ 1,456 | 438 | 1,163 | 667 | 60 | 27 |
| 2000 | 3,669 | 5/ 1,426 | 337 | 1,062 | 752 | 75 | 17 |
| 2001 | 3,855 | 5/ 1,687 | 318 | 974 | 801 | 58 | 17 |
| 2002 | 3,988 | 5/ 1,797 | 363 | 949 | 794 | 70 | 15 |
| 2003 | 3,943 | 5/ 1,809 | 430 | 867 | 751 | 69 | 17 |
| 2004 | 4,130 | 5/ 1,915 | 506 | 890 | 740 | 65 | 14 |
| 2005 | 3,990 | 5/ 1,846 | 459 | 932 | 694 | 6/ 52 | 6/ 7 |
| 2006 | 3,921 | 5/ 1,781 | 312 | 1,036 | 733 | 6/ 47 | 6/ 12 |
| 2007 | 3,708 | 5/ 1,705 | 262 | 1,062 | 615 | 6/ 52 | 6/ 12 |

1/ Includes eight facilities: Oahu, Hawaii, Kauai, and Maui Community Correctional Centers; Kulani Correctional Facility, Halawa Correctional Facility, Women's Community Correctional Center, and Waiawa Correctional Facility.

2/ Hawaii Youth Correctional Facility.

3/ Includes felon probationers serving jail terms under one year.

4/ Consists of parole and probation violators, previously included in the "Not Sentenced" category.

5/ For 1997 and 1998, excludes sentenced felons incarcerated in three contracted out-of-state facilities; for 1999 through 2001, excludes sentenced felons incarcerated in four contracted out-of-state facilities; for 2002 through 2006, excludes sentenced felons incarcerated in four contracted out-of-state facilities; and for 2007, excludes sentenced felons incarcerated in five contracted out-of-state facilities.

Also excludes jail inmates held in the Federal Detention Center from 2002 to the present.

6/ From 2005, figures include only youths physically housed in juvenile facility.

Source: Hawaii State Department of Public Safety, records; Hawaii State Department of Human Services, Office of Youth Services/Hawaii Youth Correctional Facility, records; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 4.20-- MEDIAN AGES AND AVERAGE SENTENCES OF SENTENCED FELON POPULATION: 1997 TO 2007

[Years ended June 30 unless otherwise specified. These data cover only sentenced felons under the jurisdiction of the State's correctional facilities, in hospitals, in mainland facilities, and on community release status. Parolees are not included. Average sentence calculations include life with parole sentences]

| Year | Median age (years) 1/ | | Average sentence (months) | | |
|------|-----------------------|-------------------------|---------------------------|----------|--------------------|
| | At admission | Currently as of June 30 | Felons admitted | | Felons released 2/ |
| | | | Minimum | Maximum | |
| 1997 | 33.3 | 34.3 | 51.2 | 3/ 106.0 | 38.9 |
| 1998 | 33.5 | 34.9 | 45.2 | 3/ 105.2 | 36.7 |
| 1999 | 33.7 | 31.9 | 47.6 | 3/ 105.5 | 34.4 |
| 2000 | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2001 | 34.9 | 37.3 | (NA) | (NA) | 36.5 |
| 2002 | 33.8 | 32.8 | (NA) | (NA) | 34.7 |
| 2003 | 34.2 | 37.0 | (NA) | (NA) | 34.7 |
| 2004 | 34.9 | 37.1 | (NA) | (NA) | 31.2 |
| 2005 | 35.0 | 37.7 | (NA) | (NA) | 34.5 |
| 2006 | 34.5 | 37.8 | (NA) | (NA) | 38.9 |
| 2007 | 35.7 | 38.3 | (NA) | (NA) | 42.1 |

NA Not available.

1/ For sentenced felon population on June 30.

2/ Includes releases to parole, time served, deaths, and all other release types. Category title was shown as "Felons released: time served" in previous *Data Books* , but data included all release types.

3/ Average based on statutory maximum sentences for each offense grade.

Source: Hawaii State Department of Public Safety, Correctional Information System (CIS) and records; Hawaii Paroling Authority, annual reports.

**Table 4.21-- INMATE POPULATION AT CONTRACTED FACILITIES
IN OTHER STATES: 1997 TO 2007**

[Fiscal year ending June 30]

| Year | Population at contracted facilities | Assigned total inmate population 1/ | % of total inmate population |
|-------------|--|--|---|
| 1997 | 300 | 4,604 | 6.5 |
| 1998 | 600 | 5,216 | 11.5 |
| 1999 | 1,178 | 5,043 | 23.4 |
| 2000 | 1,079 | 5,127 | 21.0 |
| 2001 | 1,194 | 5,412 | 22.1 |
| 2002 | 1,232 | 5,569 | 22.1 |
| 2003 | 1,295 | 5,657 | 22.9 |
| 2004 | 1,579 | 5,958 | 26.5 |
| 2005 | 1,730 | 6,092 | 28.4 |
| 2006 | 1,844 | 6,251 | 29.5 |
| 2007 | 2,009 | 6,045 | 33.2 |

1/ Number of inmates on a specific date who are under the jurisdiction of the Hawaii Department of Public Safety. This includes inmates physically present at one of the correctional facilities operated by the Department of Public Safety, housed in an out-of-state or contracted facility, on furlough, in a medical facility, on escape status or serving intermittent sentences.

Source: Hawaii State Department of Public Safety, *Annual Report 2003* and Inmate Population "Department of Public Safety End of Month Population Report"
<http://www.hawaii.gov/psd/psd_home.php> accessed June 6, 2005 and records.

**Table 4.22-- HAWAII PAROLING AUTHORITY STATISTICAL SUMMARY:
2004 TO 2007**

[Fiscal year ending June 30]

| Item | 2004 | 2005 | 2006 | 2007 |
|--|-------|-------|--------|-------|
| Number of parolees, June 30 1/ | 2,380 | 2,340 | 2,434 | 2,248 |
| In Hawaii | 1,682 | 1,690 | 1,777 | 1,630 |
| Outside Hawaii 2/ | 390 | 377 | 352 | 348 |
| In institution | 122 | 90 | 133 | 98 |
| Whereabouts unknown | 186 | 183 | 172 | 172 |
| Minimum imprisonment terms fixed | 3,441 | 2,953 | 2,811 | 3,159 |
| Number of persons for whom minimum terms fixed | 1,000 | 881 | 830 | 840 |
| Number of parole consideration hearings | 1,769 | 1,890 | 1,797 | 2,023 |
| Paroles granted | 857 | 792 | 718 | 837 |
| Paroles denied | 857 | 1,013 | 1,015 | 1,056 |
| Paroles deferred/continued | 53 | 81 | 59 | 128 |
| Escape | 2 | 4 | 5 | 2 |
| Persons considered for parole | 1,508 | 1,594 | 1,551 | 1,669 |
| Parole violation hearings | 473 | 383 | 416 | 304 |
| Parole revoked, returned to prison | 394 | 342 | 364 | 264 |
| Continued on parole/deferred | 79 | 41 | 52 | 40 |
| Pardon investigations conducted | 161 | 143 | 3/ 73 | 38 |
| Persons recommended for pardon | 36 | 30 | 3/ 24 | 17 |
| Persons discharged from parole | 452 | 415 | 3/ 249 | 350 |
| Full parole term before discharge | 199 | 275 | 174 | 249 |
| Early discharge | 236 | 127 | 3/ 61 | 84 |
| Deceased | 17 | 13 | 3/ 14 | 17 |

1/ Includes courtesy supervision to 54 interstate cases as of June 30, 2007.

2/ Includes 162 Hawaii cases on reciprocal parole supervision on U.S. mainland as of June 30, 2007.

Also includes 186 Hawaii cases that were deported, are in protective custody or have dual supervision as of June 30, 2007.

3/ Revised from previous *Data Book*.

Source: Hawaii State Department of Public Safety, Hawaii Paroling Authority, annual reports.

Section 5

GEOGRAPHY AND ENVIRONMENT

This section relates to land and water areas, physical geography, climate, air and water quality, and other geographic and environmental measurements of Hawaii. Most statistics on land use and ownership, however, appear in Section 6.

Important sources of data include the U.S. Geological Survey, the National Ocean Survey, the National Climatic Data Center, the Division of Water Resource Management of the Hawaii State Department of Land and Natural Resources, the Hawaii State Department of Health, and the University of Hawaii Institute of Geophysics. Detailed information is given in *Atlas of Hawaii*, 3rd edition, published by the University of Hawaii Press in 1998. National data are reported in the *Statistical Abstract of the United States: 2008*, Section 6.

Table
Number **Table Name**

(Click on the table number to go to corresponding table)

Narrative

| | |
|-----------------------|--|
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Table 5.01-- GREAT CIRCLE DISTANCES BETWEEN SPECIFIED PLACES

| Places | Statute miles | Nautical miles | Kilometers |
|---|---------------|----------------|------------|
| DISTANCES FROM HONOLULU INTERNATIONAL AIRPORT | | | |
| Hawaiian Islands locations: | | | |
| Hilo, Hawaii | 214 | 186 | 344 |
| Kailua, Kona, Hawaii | 168 | 146 | 270 |
| Kahului, Maui | 98 | 85 | 158 |
| Lanai Airport | 72 | 63 | 116 |
| Molokai Airport | 54 | 47 | 87 |
| Lihue, Kauai | 103 | 90 | 166 |
| Puuwai, Niihau | 152 | 132 | 245 |
| Nihoa | 283 | 246 | 455 |
| Necker Island | 520 | 452 | 837 |
| French Frigate Shoals | 556 | 483 | 895 |
| Gardner Pinnacles | 688 | 598 | 1,107 |
| Maro Reef | 851 | 739 | 1,369 |
| Laysan Island | 936 | 813 | 1,506 |
| Lisianski Island | 1,065 | 925 | 1,714 |
| Pearl and Hermes Atoll | 1,208 | 1,050 | 1,944 |
| Midway Islands | 1,309 | 1,137 | 2,106 |
| Kure Atoll | 1,367 | 1,188 | 2,200 |
| Other Pacific locations: | | | |
| Apra Harbor, Guam | 3,806 | 3,307 | 6,124 |
| Auckland, New Zealand | 4,393 | 3,817 | 7,068 |
| Baker Island | 1,900 | 1,649 | 3,058 |
| Hong Kong | 5,541 | 4,815 | 8,915 |
| Howland Island | 1,900 | 1,649 | 3,058 |
| Jarvis Island | 1,560 | 1,354 | 2,511 |
| Johnston Atoll | 820 | 713 | 1,319 |
| Kingman Reef | 1,073 | 932 | 1,726 |
| Kiritimati (Christmas Island), Kiribati | 1,344 | 1,168 | 2,163 |
| Majuro, Marshall Islands | 2,271 | 1,973 | 3,654 |
| Manila, Philippines | 5,293 | 4,599 | 8,516 |
| Nuku Hiva, Marquesas Islands | 2,400 | 2,086 | 3,864 |
| Pago Pago, American Samoa | 2,606 | 2,265 | 4,193 |
| Palmyra Atoll | 1,101 | 957 | 1,772 |
| Papeete, Tahiti | 2,741 | 2,382 | 4,410 |
| Suva, Fiji | 3,159 | 2,745 | 5,083 |
| Sydney (Port Jackson), Australia | 5,070 | 4,406 | 8,158 |
| Tokyo, Japan | 3,847 | 3,343 | 6,190 |
| Wake Island | 2,294 | 1,993 | 3,691 |

Continued on next page.

Table 5.01-- GREAT CIRCLE DISTANCES BETWEEN SPECIFIED PLACES -- Con.

| Places | Statute miles | Nautical miles | Kilometers |
|--|---------------|----------------|------------|
| DISTANCES FROM HONOLULU INT. AIRPORT--Con. | | | |
| North and South American locations: | | | |
| Anchorage, Alaska | 2,781 | 2,417 | 4,475 |
| Cape Horn, Chile | 7,457 | 6,480 | 11,998 |
| Chicago, Illinois | 4,179 | 3,631 | 6,724 |
| Cristobal, Canal Zone | 5,214 | 4,531 | 8,389 |
| Los Angeles, California | 2,557 | 2,222 | 4,114 |
| Miami, Florida | 4,856 | 4,220 | 7,813 |
| New York, New York | 4,959 | 4,309 | 7,979 |
| Portland, Oregon | 2,595 | 2,255 | 4,175 |
| San Diego, California | 2,610 | 2,268 | 4,199 |
| San Francisco, California | 2,397 | 2,083 | 3,857 |
| Seattle, Washington | 2,679 | 2,328 | 4,311 |
| Vancouver, B.C. | 2,709 | 2,354 | 4,359 |
| Tijuana, Mexico | 2,616 | 2,273 | 4,209 |
| Washington, D.C. | 4,829 | 4,196 | 7,770 |
| London, England | 7,226 | 6,279 | 11,627 |
| Bombay, India | 8,010 | 6,960 | 12,888 |
| Ghanzi, Botswana 1/ | 12,417 | 10,790 | 19,979 |
| Equator, due south of Honolulu | 1,470 | 1,277 | 2,367 |
| North Pole | 4,740 | 4,119 | 7,631 |
| OTHER DISTANCES | | | |
| Hilo to -- | | | |
| Los Angeles, California | 2,447 | 2,126 | 3,937 |
| San Francisco, California | 2,315 | 2,012 | 3,725 |
| Kure Atoll to -- | | | |
| Cape Kumukahi, Puna, Hawaii 2/ | 1,523 | 1,323 | 2,451 |
| Log Point, Elliot Key, Florida 3/ | 5,852 | 5,085 | 9,416 |
| Tokyo, Japan | 2,486 | 2,160 | 4,000 |
| West Quoddy Head, Maine | 5,788 | 5,030 | 9,313 |

1/ Ghanzi, Botswana is Honolulu's antipode, that is, the point precisely opposite to it on the globe.

2/ Cape Kumukahi and Kure Atoll are the points farthest apart in the Hawaiian Archipelago and State of Hawaii.

3/ Log Point and Kure Atoll are the points farthest apart in the 50 states.

Source: U.S. Geological Survey, *Elevations and Distances in the United States* (1980), pp. 22-23, and records; E. H. Bryan, Jr., *American Polynesia and the Hawaiian Chain* (1942), pp. 38, 42, and 134.

Table 5.02-- LATITUDES AND LONGITUDES OF SELECTED PLACES

| Island and place | Latitude (North) | Longitude (West) |
|---------------------------------------|---------------------|---------------------|
| Hawaii: | | |
| Hilo (International Airport) | 19°43' | 155°04' |
| Cape Kumukahi | 19°31' | 154°49' |
| Ka Lae | 18°56' | 155°41' |
| Keahole Point | 19°44' | 156°04' |
| Upolu Point | 20°16' | 155°51' |
| Geographic center of State (off Maui) | 20°15' | 156°20' |
| Maui: | | |
| Wailuku | 20°53' | 156°30' |
| Kahului (Airport) | 20°54' | 156°26' |
| Hana | 20°45' | 155°59' |
| Cape Hanamanioa | 20°35' | 156°25' |
| Lahaina | 20°52' | 156°41' |
| Kahoolawe: | | |
| Puu Moaulanui | 20°34' | 156°34' |
| Lanai: | | |
| Airport | 20°48' | 156°57' |
| Molokai: | | |
| Kaunakakai | 21°05' | 157°02' |
| Laaupoint | 21°06' | 157°19' |
| Cape Halawa | 21°10' | 156°43' |
| Oahu: | | |
| Honolulu: International Airport | 21°20' | 157°55' |
| Aloha Tower | 21°19' | 157°52' |
| Kaena Point | 21°35' | 158°17' |
| Kahuku Point | 21°43' | 157°59' |
| Makapuu Point | 21°19' | 157°39' |
| Diamond Head | 21°16' | 157°49' |
| Kauai: | | |
| Lihue (Kauai Airport) | 21°59' | 159°21' |
| Mana | 22°02' | 159°46' |
| Kilauea Point | 22°14' | 159°24' |
| Niihau: | | |
| Puuwai | 21°54' | 160°12' |
| Kure Atoll | 28°25' | 178°22' |

Source: U.S. Board on Geographic Names, *Gazetteer No. 24, Hawaiian Islands* (1956); U.S. Geological Survey, *Elevations and Distances in the United States* (1980), pp. 17 and 22-23; U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Climatic Data Center, *Local Climatological Data, Annual Summary with Comparative Data, 1984* for Hilo, Kahului, Honolulu, and Lihue; Bernice P. Bishop Museum, records; Hawaii State Department of Accounting and General Services, Survey Division, records.

**Table 5.03-- TIME DIFFERENCES BETWEEN HONOLULU AND
SELECTED CITIES**

[Standard time]

| City | Country | Day | Hour | Time difference |
|---------------|----------------|------------|-------------|------------------------|
| Honolulu | United States | Same | 9:00 a.m. | - |
| Anchorage | United States | Same | 10:00 a.m. | +1 |
| Vancouver | Canada | Same | 11:00 a.m. | +2 |
| Los Angeles | United States | Same | 11:00 a.m. | +2 |
| Las Vegas | United States | Same | 11:00 a.m. | +2 |
| Denver | United States | Same | 12:00 p.m. | +3 |
| Houston | United States | Same | 1:00 p.m. | +4 |
| Winnipeg | Canada | Same | 1:00 p.m. | +4 |
| Chicago | United States | Same | 1:00 p.m. | +4 |
| Atlanta | United States | Same | 2:00 p.m. | +5 |
| Miami | United States | Same | 2:00 p.m. | +5 |
| Toronto | Canada | Same | 2:00 p.m. | +5 |
| Lima | Peru | Same | 2:00 p.m. | +5 |
| New York City | United States | Same | 2:00 p.m. | +5 |
| Santiago | Chile | Same | 3:00 p.m. | +6 |
| Buenos Aires | Argentina | Same | 4:00 p.m. | +7 |
| Sao Paulo | Brazil | Same | 4:00 p.m. | +7 |
| London | United Kingdom | Same | 7:00 p.m. | +10 |
| Madrid | Spain | Same | 8:00 p.m. | +11 |
| Paris | France | Same | 8:00 p.m. | +11 |
| Frankfurt | Germany | Same | 8:00 p.m. | +11 |
| Rome | Italy | Same | 8:00 p.m. | +11 |
| Johannesburg | South Africa | Same | 9:00 p.m. | +12 |
| Jerusalem | Israel | Same | 9:00 p.m. | +12 |
| Moscow | Russia | Same | 10:00 p.m. | +13 |
| Baghdad | Iraq | Same | 10:00 p.m. | +13 |
| Kabul | Afghanistan | Same | 11:30 p.m. | +14.5 |
| Calcutta | India | Next | 12:30 a.m. | +15.5 |
| Bangkok | Thailand | Next | 2:00 a.m. | +17 |
| Singapore | Singapore | Next | 3:00 a.m. | +18 |
| Hong Kong | China | Next | 3:00 a.m. | +18 |
| Beijing | China | Next | 3:00 a.m. | +18 |
| Manila | Philippines | Next | 3:00 a.m. | +18 |
| Taipei | Taiwan | Next | 3:00 a.m. | +18 |
| Seoul | Korea | Next | 4:00 a.m. | +19 |
| Tokyo | Japan | Next | 4:00 a.m. | +19 |
| Sydney | Australia | Next | 5:00 a.m. | +20 |
| Auckland | New Zealand | Next | 7:00 a.m. | +22 |

Source: 2007 Hawaiian Telcom Services Company, Inc., *The Official Hawaiian Telcom White Pages O'ahu 2007 - 2008*, pp. 20-23, and "Time Zone Converter" at <<http://www.timezoneconverter.com/cgi-bin/tzc>> accessed November 6, 2007.

Table 5.04-- WIDTHS AND DEPTHS OF CHANNELS

| Channel 1/ | Width 2/ | | Depth 3/ | |
|---|---------------|------------|----------|--------|
| | Statute miles | Kilometers | Feet | Meters |
| Alenuihaha (Hawaii-Maui) | 29.6 | 47.6 | 6,810 | 2,076 |
| Alalakeiki (Kahoolawe-Maui) | 6.7 | 10.8 | 822 | 251 |
| Kealaikahiki (Kahoolawe-Lanai) | 17.8 | 28.6 | 1,086 | 331 |
| Auau (Lanai-Maui) | 9.5 | 15.3 | 252 | 77 |
| Kalohi (Lanai-Molokai) | 9.2 | 14.8 | 540 | 165 |
| Pailolo (Maui-Molokai) | 8.8 | 14.2 | 846 | 258 |
| Kaiwi (Molokai-Oahu) | 25.8 | 41.5 | 2,202 | 671 |
| Kauai (Oahu-Kauai) | 72.1 | 116.0 | 10,890 | 3,319 |
| Kaulakahi (Kauai-Niihau) | 17.2 | 27.7 | 3,570 | 1,088 |
| Niihau-Kaula | 21.5 | 34.6 | 5,364 | 1,635 |
| Niihau-Nihoa | 133.9 | 215.5 | 14,550 | 4,435 |
| Nihoa-Necker I. | 179.6 | 289.0 | 12,600 | 3,840 |
| Necker I.-French Frigate Shoals | 100.3 | 161.4 | 12,780 | 3,895 |
| French Frigate Shoals-Gardner Pinnacles | 137.0 | 220.5 | 11,448 | 3,489 |
| Gardner Pinnacles-Marō Reef | 155.5 | 250.3 | 12,300 | 3,749 |
| Marō Reef-Laysan I. | 65.9 | 106.1 | 8,280 | 2,524 |
| Laysan I.-Lisianski I. | 137.4 | 221.1 | 16,830 | 5,130 |
| Lisianski I.-Pearl and Hermes Atoll | 162.6 | 261.7 | 17,400 | 5,304 |
| Pearl and Hermes Atoll-Midway Islands | 86.9 | 139.9 | 15,840 | 4,828 |
| Midway Islands-Kure Atoll | 57.1 | 91.9 | 12,960 | 3,950 |

1/ Listed in geographic order, from east to west. The channels between major islands were measured between the following points:

- Alenuihaha: Upolu Pt., Hawaii, to Puhilele Pt., Maui;
- Alalakeiki: Lae o ka Ule, Kahoolawe, to Nukuele Pt., Maui;
- Kealaikahiki: Makaalae, Kahoolawe, to Kamaiki Pt., Lanai;
- Auau: Kikoa Pt., Lanai, to Lahaina, Maui;
- Kalohi: Wahie Pt., Lanai, to Kamalo, Molokai;
- Pailolo: Lipoa Pt., Maui, to Pohakuloa, Molokai;
- Kaiwi: Ilio Pt., Molokai, to Makapuu Pt., Oahu;
- Kauai: Kaena Pt., Oahu, to Kamilo Pt., Kauai;
- Kaulakahi: Mana Pt., Kauai, to Kaunuopou, Niihau.

2/ Width measured in statute miles between designated points on National Ocean Survey and Coast and Geodetic Survey charts. Width in kilometers calculated from miles (1 mile = 1.60934 km.).

3/ Depths given are the deepest soundings noted at or near the line joining the two designated points, on National Ocean Survey and Coast and Geodetic Survey charts. Depths measured in fathoms and converted to feet and meters (1 fathom = 6 feet = 1.8288 meters).

Source: Compiled by Lee S. Motteler, Geography and Map Division, Bernice P. Bishop Museum, in November 1980.

Table 5.05-- GENERAL COASTLINE AND TIDAL SHORELINE OF COUNTIES AND ISLANDS

| County and island | General coastline 1/ | | Tidal shoreline 2/ | |
|----------------------------------|----------------------|---------------|--------------------|---------------|
| | Statute miles | Kilometers 3/ | Statute miles | Kilometers 3/ |
| State total | 750 | 1,207 | 1,052 | 1,693 |
| Counties: | | | | |
| Hawaii | 266 | 428 | 313 | 504 |
| Maui, including Kalawao | 210 | 338 | 343 | 552 |
| Honolulu | 137 | 220 | 234 | 377 |
| Kauai | 137 | 220 | 162 | 261 |
| Islands: 4/ | | | | |
| Hawaii | 266 | 428 | 313 | 504 |
| Maui | 120 | 193 | 149 | 240 |
| Kahoolawe | 29 | 47 | 36 | 58 |
| Lanai | 47 | 76 | 52 | 84 |
| Molokai | 88 | 142 | 106 | 171 |
| Oahu | 112 | 180 | 209 | 336 |
| Kauai | 90 | 145 | 110 | 177 |
| Niihau | 45 | 72 | 50 | 80 |
| Kaula | 2 | 3 | 2 | 3 |
| Northwestern Hawaiian Islands 5/ | 25 | 40 | 25 | 40 |
| Nihoa | 3 | 5 | 3 | 5 |
| Necker Island | 2 | 3 | 2 | 3 |
| French Frigate Shoals | 6 | 10 | 6 | 10 |
| Laysan Island | 6 | 10 | 6 | 10 |
| Lisianski Island | 3 | 5 | 3 | 5 |
| Kure Atoll | 5 | 8 | 5 | 8 |

1/ Figures are lengths of general outline of seacoast. Data for the four islands of Maui County are not consistent with the reported county total.

2/ Shoreline of outer coast, offshore islands, bays, rivers, and creeks is included to the head of tidewater or to a point where tidal waters narrow to a width of 100 feet.

3/ Derived from data expressed in statute miles; independently rounded and accordingly may not add exactly to indicated totals and subtotals. 1 mi. = 1.609 km.

4/ Data are not available for five minor islands: Molokini, Lehua, Gardner Pinnacles, Maro Reef, and Pearl and Hermes Atoll.

5/ Excludes the Midway Islands, which are part of the Hawaiian Archipelago but not legally part of the State of Hawaii. Midway has a general coastline of 20 miles and a tidal shoreline of 33 miles.

Source: U.S. Department of Commerce, National Ocean Survey, *The Coastline of the United States* (1975) and records.

**Table 5.06-- LAND AND WATER AREA WITHIN
THE FISHERY CONSERVATION ZONE**

[Land and water area within the 200 nautical mile Fishery Conservation Zone surrounding the
Hawaiian Archipelago]

| Unit | Total area | Land area | Water area |
|-----------------------|-------------------|------------------|-------------------|
| Square nautical miles | 634,023 | 4,852 | 629,171 |
| Square statute miles | 839,623 | 6,425 | 833,198 |
| Square kilometers | 2,174,626 | 16,641 | 2,157,985 |

Source: Marine Surveys and Maps, National Ocean Survey, U.S. Department of Commerce, National Oceanic and Atmospheric Administration, information supplied September 15, 1978.

Table 5.07-- LAND AREA OF COUNTIES: 2000

[See maps]

| Measurement unit and type of area | State total | Hawaii | Maui | Kalawao | Honolulu | Kauai |
|--|------------------------|---------------|-------------|----------------|-----------------|--------------|
| Square miles | 6,422.6 | 4,028.0 | 1,159.2 | 13.2 | 599.8 | 622.4 |
| Square kilometers | 16,634.5 | 10,432.5 | 3,002.3 | 34.2 | 1,553.4 | 1,612.1 |

Source: U.S. Census Bureau, Census 2000 Redistricting Data (P.L. 94-171) Summary File, and unpublished records.

Table 5.08-- LAND AREA OF ISLANDS: 2000

| Island | Square miles | Square kilometers |
|----------------------------------|--------------|-------------------|
| STATE OF HAWAII | 6,422.6 | 16,634.5 |
| Hawaii | 4,028.0 | 10,432.5 |
| Maui | 727.2 | 1,883.5 |
| Molokini | 0.036 | 0.093 |
| Kahoolawe | 44.6 | 115.5 |
| Lanai | 140.5 | 364.0 |
| Molokai | 260.0 | 673.4 |
| Oahu | 596.7 | 1,545.3 |
| Kauai | 552.3 | 1,430.4 |
| Niihau | 69.5 | 179.9 |
| Lehua | 0.444 | 1.149 |
| Kaula | 0.247 | 0.640 |
| Northwestern Hawaiian Islands 1/ | 3.108 | 8.049 |
| Niihoa | 0.271 | 0.701 |
| Necker Island | 0.071 | 0.183 |
| French Frigate Shoals | 0.096 | 0.249 |
| Gardner Pinnacles | 0.009 | 0.024 |
| Maro Reef | Awash | Awash |
| Laysan Island | 1.588 | 4.114 |
| Lisianski Island | 0.601 | 1.556 |
| Pearl and Hermes Atoll | 0.139 | 0.359 |
| Kure Atoll | 0.333 | 0.862 |

1/ Exclusive of the Midway Islands, which are part of the Hawaiian Archipelago but not legally part of the State of Hawaii.

Source: U.S. Census Bureau, Census 2000 Redistricting Data (P.L. 94-171) Summary File, and unpublished records.

**Table 5.09-- MAJOR AND MINOR ISLANDS IN THE
HAWAIIAN ARCHIPELAGO**

| Classification | Number of islands | | Land area (square miles) |
|------------------------------------|-------------------|-----------------------|-----------------------------|
| | Total | Inhabited, 1990 1/ | |
| All named islands | 137 | 12 | 6,427.0 |
| Major islands | 8 | 7 | 6,419.4 |
| Named minor islands 2/ | 129 | 5 | 7.6 |
| Offshore of major islands | 96 | 3 | 2.6 |
| Northwestern Hawaiian Islands 3/ | 33 | 2 | 4.9 |
| Part of State | 28 | 1 | 2.9 |
| Not part of State (Midway Islands) | 5 | 1 | 2.0 |

1/ For populations, see present volume, table 1.05.

2/ For individual data, see DPED Report GN-6, pp. 3-7.

3/ Includes individual islets in the 10 Northwestern Hawaiian Islands.

Source: Hawaii State Department of Planning and Economic Development, *Geographic Names Approved, Second Quarter 1969* (Report GN-6, July 8, 1969), p. 8; *Data Book 1986*, table 152.

Table 5.10-- AREA AND DEPTH OF SELECTED CRATERS

| Island and crater | Area (acres) | Maximum depth (feet) |
|-----------------------|-----------------|-------------------------|
| Hawaii: | | |
| Kilauea Caldera | 2,319 | 476 |
| Mokuaweoweo Crater 1/ | 2,221 | 572 |
| Maui: | | |
| Haleakala Crater 2/ | 12,575 | 3,028 |
| Oahu: | | |
| Diamond Head Crater | 255 | 562 |
| Koko Crater | 133 | 968 |
| Punchbowl Crater | 62 | 140 |

1/ Data exclude North and South Pits.

2/ Data exclude Koolau and Kaupo Gaps.

Source: Measured from U.S. Geological Survey maps by the Hawaii State Department of Business, Economic Development & Tourism.

Table 5.11-- ELEVATIONS OF MAJOR SUMMITS

[Elevation of the highest point on each island and other important peaks]

| Island and summit | Feet | Meters |
|----------------------------|-------------|---------------|
| Hawaii: | | |
| Mauna Kea 1/ | 13,796 | 4,205 |
| Mauna Loa | 13,679 | 4,169 |
| Hualalai | 8,271 | 2,521 |
| Kaumu o Kaleihohie | 5,480 | 1,670 |
| Kilauea (Uwekahuna) | 4,093 | 1,248 |
| Kilauea (Halemaumau Rim) | 3,660 | 1,116 |
| Kahoolawe: | | |
| Puu Moaulanui | 1,483 | 452 |
| Puu Moaulaiki | 1,434 | 437 |
| Molokini | 160 | 49 |
| Maui: | | |
| Haleakala (Red Hill) | 10,023 | 3,055 |
| Haleakala (Kaupo Gap) | 8,201 | 2,500 |
| Puu Kukui | 5,788 | 1,764 |
| Iao Needle | 2,250 | 686 |
| Lanai: | | |
| Lanaihale | 3,366 | 1,026 |
| Molokai: | | |
| Kamakou | 4,961 | 1,512 |
| Olokui | 4,606 | 1,404 |
| Kalaupapa Lookout | 1,600 | 488 |
| Mauna Loa (Kukui) | 1,430 | 436 |
| Oahu: | | |
| Kaala | 4,003 | 1,220 |
| Puu Kalena | 3,504 | 1,068 |
| Konahuanui | 3,150 | 960 |
| Tantalus | 2,013 | 614 |
| Olomana | 1,643 | 501 |
| Koko Crater (Kohelepelepe) | 1,208 | 368 |
| Nuuanu Pali Lookout | 1,186 | 361 |
| Diamond Head | 760 | 232 |
| Koko Head | 642 | 196 |
| Punchbowl | 500 | 152 |

Continued on next page.

Table 5.11-- ELEVATIONS OF MAJOR SUMMITS -- Con.

| Island and summit | Feet | Meters |
|------------------------|-------|--------|
| Kauai: | | |
| Kawaikini | 5,243 | 1,598 |
| Waialeale | 5,148 | 1,569 |
| Kalalau Lookout | 4,120 | 1,256 |
| Haupu | 2,297 | 700 |
| Sleeping Giant (Nonou) | 1,241 | 378 |
| Niihau: | | |
| Paniau | 1,250 | 381 |
| Lehua | 699 | 213 |
| Kaula | 548 | 167 |
| Nihoa: | | |
| Millers Peak | 903 | 275 |
| Necker Island: | | |
| Summit Hill | 276 | 84 |
| French Frigate Shoals: | | |
| La Perouse Pinnacles | 120 | 37 |
| Gardner Pinnacles | 190 | 58 |
| Maro Reef | Awash | Awash |
| Laysan Island | 40 | 12 |
| Lisianski Island | 40 | 12 |
| Pearl and Hermes Atoll | 10 | 3 |
| Midway Islands | 12 | 4 |
| Kure Atoll | 20 | 6 |

1/ According to the *1995 Guinness Book of Records* (p. 147), "The world's tallest mountain measured from its submarine base (3,280 fathoms) in the Hawaiian Trough to its peak is Mauna Kea ... with a combined height of 33,480 ft., of which 13,796 ft. are above sea level."

Source: Hawaii State Department of Accounting and General Services, Survey Division, data provided April 21, 1992; U.S. National Cartographic Information Center, data provided October 11, 1978; U.S. Geological Survey topographic maps, 1981-1984; Hawaiian Government Survey (for Nihoa and Molokini); U.S.S. Tanager survey, 1923 (for Necker Island, French Frigate Shoals, Laysan, Lisianski, Pearl and Hermes Atoll and Kure Atoll.)

Table 5.12-- MAJOR NAMED WATERFALLS, BY ISLAND

| Island | Waterfall | Height (feet) | | Horizontal distance (feet) |
|---------|-------------------|---------------|---------|----------------------------|
| | | Sheer drop | Cascade | |
| Hawaii | Kaluahine | (NA) | 620 | 400 |
| | Akaka | 442 | (NA) | (NA) |
| | Waiilikahi | 320 | (NA) | 6 |
| Maui | Honokohau | (NA) | 1,120 | 500 |
| | Waihiumalu | (NA) | 400 | 150 |
| Molokai | Kahiwa | (NA) | 1,750 | 1,000 |
| | Papalaua | (NA) | 1,200 | 500 |
| | Wailele | (NA) | 500 | 150 |
| Oahu | Kaliuwaa (Sacred) | 1/ 80 | 1,520 | 3,000 |
| Kauai | Waipoo (2 falls) | (NA) | 800 | 600 |
| | Awini | (NA) | 480 | 500 |
| | Hinalele | 280 | (NA) | (NA) |
| | Wailua | 200 | (NA) | (NA) |

NA Not available.

1/ Refers to the northernmost fall of a cascade of six falls.

Source: U.S. Geological Survey, records; Hawaii State Department of Land and Natural Resources, Commission on Water Resource Management, records; "Tall Falls", *The Honolulu Advertiser*, June 25, 1995, pp. A17 and A20.

Table 5.13-- MAJOR STREAMS, BY ISLAND

| Island | Feature or stream | Length or average discharge |
|--|------------------------------|------------------------------------|
| Longest water feature (miles): | | |
| Hawaii | Wailuku River | 32.0 |
| Maui | Kailialinui-Waiale Gulch | 18.0 |
| Kahoolawe | Ahupu Gulch | 4.0 |
| Lanai | Maunalei-Waialala Gulch | 12.9 |
| Molokai | Wailau-Pulena Stream | 6.5 |
| Oahu | Kaukonahua Stream (So. Fork) | 33.0 |
| Kauai | Waimea River-Poomau Stream | 19.5 |
| Niihau | Keanaulii-Puniopo Valley | 5.9 |
| Largest perennial stream (miles): 1/ | | |
| Hawaii | Wailuku River | 22.7 |
| Maui | Palihea Stream | 7.8 |
| Molokai | Wailau-Pulena Stream | 6.5 |
| Oahu | Kaukonahua Stream | 30.0 |
| Kauai | Waimea River | 19.7 |
| Streams with greatest average discharge (million gal. / day): | | |
| Hawaii | Wailuku River | 180 |
| Maui | Waihee River | 50 |
| Molokai | Wailau Stream | 30 |
| Oahu | Waikele Stream | 2/ 26 |
| Kauai | Hanalei River | 129 |

1/ Estimated on basis of drainage area rather than stream runoff. Other major streams include Wailoa River, Hawaii (1/2-mile long); Honokohau Stream (9.4 miles long) and Iao Stream (5), both on Maui; Halawa Stream (6.4), Waikolu Stream (4.7), and Pelekunu (2.3), all on Molokai; Waikele Stream (15.3), Kipapa Stream (12.8), Waiakakalaua Stream (11.8), Nuuanu Stream (4), and Ala Wai Canal (1.9), all on Oahu; and the Makaweli River (15.1), Wainiha River (13.8), Hanapepe River (13.3), and Wailua River (11.8), all on Kauai.

2/ Most of discharge is from nearby groundwater outflow.

Source: Longest water feature from U.S. Geological Survey, records; other data from Hawaii State Department of Land and Natural Resources, Commission on Water Resource Management, records.

Table 5.14-- LAKES AND LAKE-LIKE WATERS, BY ISLAND

| Island and lake | Type | Elevation (feet) | Area 1/ (acres) | Maximum depth (feet) |
|--------------------|---------------|------------------|-----------------|----------------------|
| Hawaii: | | | | |
| Green Lake | Lake | 3 | 2 | 20 |
| Lake Waiau 2/ | Lake | 13,020 | 2 | 10 |
| Waiakea Pond | Tidal pond | (3/) | 27 | 7 |
| Maui: | | | | |
| Kanaha Pond | Marsh | (3/) | 41 | 3 |
| Kealia Pond | Marsh | (3/) | 500 | (NA) |
| Waieleele | Pond | 6,690 | 0.5 | 21 |
| Molokai: | | | | |
| Kauhako | Pool | (3/) | 0.9 | 814 |
| Kualapuu Reservoir | Reservoir | 821 | 100 | 50 |
| Meyer Lake | Impoundment | 2,021 | 6-10 | 5 |
| Oahu: | | | | |
| Ho'omaluhia | Reservoir | 202 | 90 | 90 |
| Kaelepulu Pond | Lake | (3/) | 198 | (NA) |
| Kawainui Marsh | Marsh | (3/) | 1,000 | (NA) |
| Wahiawa Reservoir | Reservoir | 842 | 302 | 85 |
| Kauai: | | | | |
| Nomilu Fishpond | Pond | (3/) | 20 | 66 |
| Waita Reservoir | Reservoir | 241 | 424 | 23 |
| Niihau: | | | | |
| Halalii Lake | Playa | (3/) | 841-865 | (NA) |
| Halulu Lake | Playa | (3/) | 182-371 | (NA) |
| Laysan: | | | | |
| Laysan Lagoon | Closed lagoon | (3/) | 161 | 16 |

NA Not available.

1/ Ranges shown for Meyer Lake, Halalii Lake, and Halulu Lake reflect differences in estimates between sources.

2/ Highest lake in the State and third highest in the United States.

3/ Sea level.

Source: J.A. Maciolek, *Lakes and Lake-like Waters of the Hawaiian Archipelago* (Bernice P. Bishop Museum, Occasional Papers, Vol. XXV, No. 1, April 30, 1982); Hawaii State Department of Land and Natural Resources, Commission on Water Resource Management, May 18, 1994.

Table 5.15-- LENGTH AND WIDTH OF SELECTED BEACHES

[Includes the longest white sand beach on each inhabited island, plus other important beaches.]

| Island and beach | Length (miles) | Width 1/ (feet) |
|------------------------------|----------------|-----------------|
| Hawaii: Hapuna | 0.5+ | 200+ |
| Maui: Spreckelsville | 2+ | (NA) |
| Kaanapali | 1.5 | 60-80 |
| Lanai: Polihua | 1.5+ | (NA) |
| Molokai: Papohaku | 2+ | 300 |
| Oahu: Waikiki | 2 | (NA) |
| Waimanalo | 3.5-4.5 | (NA) |
| Sunset | 2-3+ | 200 |
| Kauai: Polihale to Kekaha | 15 | 300 |
| Polihale | 3 | 300 |
| Niihau: Keawanui | 3.5 | 175 |

NA Not available.

1/ Summer averages. Many beaches in Hawaii are seasonally reduced in width by winter storms.

Source: Hawaii State Department of Planning and Economic Development, *Hawaii's Shoreline* (1965), pp. 33, 47, 55, 62, 68, and 100; John R. K. Clark, *Beaches of the Big Island* (1985), p. 132, *The Beaches of Maui County* (1980), pp. 10, 62, 84-85, and 114, *The Beaches of O'ahu* (1977), pp. 45, 125, and 177, and *Beaches of Kaua'i and Ni'ihau* (1990), pp. 48-49 and 84.

Table 5.16-- MISCELLANEOUS GEOGRAPHIC STATISTICS, BY ISLAND

| Island | Extreme length (miles) | Extreme width (miles) | Miles of sea cliffs with heights 1,000 ft. or more 1/ | Miles from coast of most remote point | Percent of area within 5 miles of coast |
|-------------|--------------------------------|-----------------------|---|---------------------------------------|---|
| State total | (X) | (X) | 33 | 28.5 | 48.6 |
| Hawaii | 93 | 76 | 4 | 28.5 | 30.0 |
| Maui | 48 | 26 | - | 10.6 | 76.1 |
| Kahoolawe | 11 | 6 | - | 2.4 | 100.0 |
| Lanai | 18 | 13 | 1 | 5.2 | 100.0 |
| Molokai | 38 | 10 | 14 | 3.9 | 100.0 |
| Oahu | 44 | 30 | - | 10.6 | 79.0 |
| Kauai | 33 | 25 | 11 | 10.8 | 65.0 |
| Niihau | 8 | 6 | 3 | 2.4 | 100.0 |
| Island | Percent of area with elevation | | Approximate mean altitude (feet) | Percent of area with slope | |
| | Less than 500 feet | 2,000 feet or more | | Less than 10 percent | 20 percent or more |
| State total | 20.8 | 50.9 | 3,030 | 63.5 | 17.0 |
| Hawaii | 12.0 | 68.4 | 3,950 | 76.0 | 4.0 |
| Maui | 24.9 | 41.4 | 2,390 | 38.5 | 36.0 |
| Kahoolawe | 38.9 | 0.0 | 600 | 60.0 | 9.0 |
| Lanai | 24.8 | 6.3 | 1,140 | 61.0 | 16.0 |
| Molokai | 37.3 | 17.8 | 1,150 | 53.0 | 26.0 |
| Oahu | 45.3 | 4.6 | 860 | 42.5 | 45.5 |
| Kauai | 35.6 | 24.0 | 1,380 | 33.5 | 50.5 |
| Niihau | 78.2 | 0.0 | 530 | 68.0 | 12.5 |

X Not applicable.

1/ According to Lee S. Motteler, Geography and Map Division, Bernice P. Bishop Museum, the sea cliffs along the northeastern coast of Molokai between Umilehi Point and Puukaoku Point drop 3,250 feet at an average slope of 58 degrees. These cliffs have been described by *The Guinness Book of Records* (1995 edition, p. 154) as "the highest sea cliffs in the world."

Source: Hawaii State Department of Planning and Economic Development, *Hawai'i the Natural Environment* (1974), p. 19; U.S. Geological Survey, *Elevations and Distances in the United States* (1978), pp. 4-5.

**Table 5.17-- VOLCANIC ERUPTIONS: MAUNA LOA 1950 TO 1984,
KILAUEA 1969 TO 2007**

[As of December 2007. Four volcanoes have erupted in historical times: Haleakala, last active in 1460; Hualalai, last active in 1801; Mauna Loa, last active in 1984; Kilauea, still active]

| Volcano and date of outbreak | Repose period since previous eruption (months) | Duration (days) | Location 1/ | Altitude of main vent (meters) | Area covered (km ²) | Volume (km ³) |
|------------------------------|--|-----------------|-------------|--------------------------------|---------------------------------|---------------------------|
| Mauna Loa: | | | | | | |
| 1950: June 1 | 17.0 | 23 | S, SWR | 3,840-2,380 | 112.0 | 0.3760 |
| 1975: July 5 | 301.0 | <1 | S | 3,900 | 13.5 | 0.0300 |
| 1984: March 25 | 104.6 | 22 | S, NER | 4,030-2,870 | 48.0 | 0.2200 |
| Kilauea: | | | | | | |
| 1969: Feb. 22 | 4.0 | 6 | ER | 930-870 | 6.0 | 0.0161 |
| May 24 | 2.0 | 874 | ER | 940 | 50.0 | 0.1850 |
| 1971: Aug. 14 | - | <1 | C | 1,100-1,080 | 3.1 | 0.0091 |
| Sept. 24 | - | 5 | C, SWR | 1,120-820 | 3.9 | 0.0077 |
| 1972: Feb. 3 | 4.3 | 900 | ER | 940 | 46.0 | 0.1620 |
| 1973: May 5 | - | <1 | ER | 1,000-980 | 0.3 | 0.0012 |
| Nov. 10 | - | 30 | ER | 980-870 | 1.0 | 0.0027 |
| 1974: July 19 | - | 3 | C, ER | 1,080-980 | 3.1 | 0.0066 |
| Sept. 19 | 2.0 | <1 | C | 1,100 | 1.0 | 0.0102 |
| Dec. 31 | 3.4 | <1 | SWR | 1,080 | 7.5 | 0.0143 |
| 1975: Nov. 29 | 11.0 | <1 | C | 1,080-1,060 | 0.3 | 0.0002 |
| 1977: Sept. 13 | 21.5 | 18 | ER | 620-480 | 7.8 | 0.0329 |
| 1979: Nov. 16 | 26.3 | 1 | ER | 980-960 | 0.3 | 0.0006 |
| 1982: April 30 | 29.5 | <1 | C | 1,080 | 0.3 | 0.0005 |
| Sept. 25 | 4.8 | <1 | C | 1,080 | 0.8 | 0.0030 |
| 1983: Jan. 3 | 3.3 | 9,130 | ER | 900 | 119.4 | 3.3000 |

1/ C, summit caldera; ER, east rift zone; NER northeast rift zone; S, summit area; SWR, southwest rift zone.

Source: Gordon A. Macdonald, Agatin T. Abbott, and Frank L. Peterson, *Volcanoes in the Sea: The Geology of Hawaii*, 2nd ed. (1986), pp. 80-81; U.S. Geological Survey, Hawaiian Volcano Observatory <<http://hvo.wr.usgs.gov/kilauea/history/historytable.html>> accessed June 8, 2008; records.

Table 5.18-- MAJOR EARTHQUAKES: 1838 TO 2007

[Includes all earthquakes with magnitudes of 6.0 or greater, 1838 to 1983, and 5.0 or greater, 1984 to present. Except for the earthquake of April 2, 1868, magnitudes of earthquakes prior to 1929 are conjectural]

| Date and time (HST) | Location | Magnitude (Richter scale) |
|--------------------------|--|---------------------------|
| 1838: December 12 | Hawaii | 6.0 |
| 1841: April 7 | Hawaii | 6.0 |
| 1852: March 31 | Hawaii | 6.0 |
| 1868: March 28 | Mauna Loa, south flank, Hawaii | 6.5-7.0 |
| April 2 | Mauna Loa, south flank, Hawaii | 7.5-8.1 |
| 1871: February 19 | Molokai or Maui | 6.5 |
| 1875: November 23 | Hawaii | 6.0 |
| 1887: January 24 | Hawaii | 6.0 |
| 1913: October 25 | Hawaii | 6.5 |
| 1918: November 1 | Hawaii | 6.5 |
| 1919: September 14 | Hawaii | 6.5 |
| 1929: October 5 | Hualalai, Hawaii | 6.5 |
| 1938: January 23 | North of Pauwela Point, Maui | 6.8 |
| 1940: June 17 | Hawaii | 6.0 |
| 1941: September 25 | South east of Mauna Loa, Kaoiki fault zone, Hawaii | 6.0 |
| 1950: May 29 | Mauna Loa, south west rift, Hawaii | 6.2 |
| 1951: April 22 | Kilauea, Hawaii | 6.3 |
| August 21 | Kona, Hawaii | 6.9 |
| 1952: May 23 | Kona, Hawaii | 6.0 |
| 1954: March 30 | Kilauea, south flank, Hawaii | 6.5 |
| 1961: September 25 | Hawaii | 5.75-6.0 |
| 1962: June 27 | South east of Mauna Loa, Kaoiki fault zone, Hawaii | 6.1 |
| 1973: April 26 | North of Hilo, Honomu, Hawaii | 6.2 |
| 1975: Nov. 29, 4:47 AM | Kilauea, south flank, Kalapana, Hawaii | 7.2 |
| 1983: Nov. 16, 6:13 AM | South east of Mauna Loa, Kaoiki fault zone, Hawaii | 6.7 |
| 1984: June 8, 5:34 PM | 80 miles south of Honolulu, Oahu | 5.3 |
| 1986: April 26, 7:19 AM | 28 miles north east of Maui | 5.1 |
| 1987: Feb. 3, 4:22 PM | 26 miles south of Kahoolawe | 5.0 |
| 1989: June 25, 5:27 PM | Kilauea, south flank, Kalapana, Hawaii | 6.2 |
| 1994: Feb. 1, 12:01 AM | 12 miles south of Kilauea, offshore, Hawaii | 5.2 |
| 1997: June 30, 5:47 AM | 5 miles west of Kalapana, Hawaii | 5.2 |
| 1999: April 16, 2:56 PM | 4 miles north of Pahala, Hawaii | 5.6 |
| 2000: April 1, 8:18 PM | 7 miles south east of Kilauea Summit, Hawaii | 5.0 |
| 2003: August 26, 8:24 PM | 6 miles north west of Kaena Point, Oahu | 5.0 |
| 2005: May 13, 12:06 AM | 27 miles south of Naalehu near Loihi, Hawaii | 5.0 |
| 2005: July 15 | 49 miles north of Hilo, Hawaii | 5.2 |
| 2005: July 17, 9:15 AM | near seamount Loihi, Hawaii | 5.2 |

Continued on next page.

Table 5.18-- MAJOR EARTHQUAKES: 1838 TO 2007 -- Con.

| Date and time (HST) | Location | Magnitude (Richter scale) |
|-------------------------------|-------------------------------------|---------------------------------|
| 2006: October 15, 7:07:49 AM | just offshore of Kiholo Bay, Hawaii | 6.7 |
| 2006: October 15, 7:14:12 AM | 6 miles west of Mahukona, Hawaii | 6.0 |
| 2006: November 23, 9:20:10 AM | just offshore of Kiholo Bay, Hawaii | 5.1 |
| 2007: August 13, 7:38 PM | Kilauea, south flank, Hawaii | 5.4 |

Source: Augustine S. Furumoto, N. Norby Nielsen, and William R. Phillips, *A Study of Past Earthquakes, Isoseismic Zones of Intensity and Recommended Zones for Structural Design for Hawaii* (University of Hawaii, Center for Engineering Research, Engineering Bulletin, June 15, 1972); information supplied by Wm. Mansfield Adams and Augustine S. Furumoto, Institute of Geophysics, University of Hawaii; Hawaii Institute of Geophysics, records; U.S. Geological Survey, National Earthquake Information Service; U.S. Geological Survey, Hawaiian Volcano Observatory, records.

**Table 5.19-- EARTHQUAKES WITH INTENSITIES ON OAHU OF
V OR GREATER: 1859 TO 2007**

| Date | Epicentral location | Magnitude | Oahu average intensity (Modified Mercalli Scale 1/) |
|---------------|-------------------------------------|------------------|--|
| 1861: Dec. 5 | Molokai-Lanai vicinity (?) | (NA) | Mid V |
| Dec. 15 | Molokai-Lanai vicinity (?) | (NA) | Lower V - mid V |
| 1868: Apr. 2 | SE coast of Hawaii | 7.5 | Upper IV - lower V |
| Apr. 4 | Maui group vicinity (?) | (NA) | Lower V |
| 1870: Aug. 7 | Near Molokai | ≥ 6 | V |
| 1871: Feb. 19 | S coast of Lanai | 7.0 | Upper VI - lower VII |
| 1881: Sep. 30 | Maui vicinity | ≥ 6 | IV - V |
| 1887: Jan. 13 | Oahu vicinity | (NA) | V |
| 1890: Aug. 6 | Hawaii | (NA) | IV - V |
| 1895: Dec. 8 | Oahu vicinity (?) | (NA) | Mid V |
| 1926: Mar. 19 | N of Kohala, Hawaii | (NA) | Upper IV - lower V |
| 1938: Jan. 22 | N of Maui | 6.8 | Upper V - lower VI |
| 1940: June 16 | N of Hawaii | 6.0 | IV - V |
| 1948: June 28 | S coast of Oahu | 4.8 | Mid VI |
| 1964: Oct. 11 | Ka Lae, Hawaii | 5.5 | Upper IV - lower V |
| 1973: Apr. 26 | Hamakua coast, Hawaii | 6.2 | Mid V |
| 1975: Nov. 29 | Kalapana, Hawaii | 7.2 | V |
| 1981: Mar. 5 | Kalohi Channel | 5.0 | Mid V |
| 2006: Oct. 15 | Just offshore of Kiholo Bay, Hawaii | 6.7 | V |

NA Not available.

1/ Modified Mercalli Scale of 1931, 1956 abridged version further simplified. This scale, which extends from I to XII, reads in part:

IV. Hanging objects swing. Vibration like passing of heavy trucks or sensation of a jolt. Standing autos rock. Windows, dishes, doors rattle. Crockery clashes. In the upper part of range wooden construction creaks.

V. Felt outdoors; direction estimated. Sleepers wakened. Liquids distributed, some spilled. Small unstable objects displaced or upset. Doors, shutters, pictures swing. Pendulum clocks stop.

VI. Felt by all. Many frightened, run outdoors. Persons walk unsteadily. Windows, dishes, glassware broken. Knickknacks, books thrown off shelves, pictures off walls. Furniture moved, overturned. Weak plaster and masonry cracked. Small bells ring. Trees, bushes noticeably shaken.

VII. Difficulty in standing. Noticed by drivers of autos. Hanging objects quiver. Furniture broken. Damage to weak masonry. Weak chimneys broken at roof line. Fall of plaster, loose bricks, etc. Some cracks in ordinary masonry. Waves on ponds. Small slides on sand and gravel banks. Large bells ring. Irrigation ditches damaged.

Source: Doak C. Cox, "Earthquake Experience in Honolulu", *The Hawaiian Journal of History*, Vol. 21 (1987), pp. 98-109; U.S. Department of the Interior, U.S. Geological Survey, U.S. Geological Survey Bulletin 2006, *Isoseismal Maps, Macroseismic Epicenters, and Estimated Magnitudes of Historical Earthquakes in the Hawaiian Islands* (1992), table 4; U.S. Geological Survey, Hawaiian Volcano Observatory, records.

**Table 5.20-- TSUNAMIS WITH RUN-UP OF 2 METERS (6.6 FEET)
OR MORE: 1812 TO 2007**

[Revised and amended as of April 29, 2008]

| Date | Place of observation | Source | Maximum height in Hawaii | | Deaths in Hawaii | Damage in Hawaii |
|------------------|-------------------------|------------------|--------------------------|------|------------------|---|
| | | | Meters | Feet | | |
| 1812: Dec. 21 1/ | Hookena, Hawaii | California | 2.5 | 8 | - | Hut flooded |
| 1819: April 12 | W. Hawaii | Chile | 2.0 | 7 | - | Houses destroyed |
| 1837: Nov. 7 | Hilo, Hawaii | Chile | 6.0 | 20 | 16 | 100 houses destroyed |
| 1841: May 17 | Hilo, Hawaii | Kamchatka | 4.6 | 15 | - | Unknown |
| 1860: Dec. 1 | Maliko Bay, Maui | N. Pacific 2/ | 3.6 | 12 | - | Houses, wharf destroyed |
| 1868: April 2 | Keauhou Landing, Hawaii | Ka'u | 13.7 | 45 | 47 | Severe in Puna and Ka'u |
| 1868: Aug. 13 | Hilo, Hawaii | Chile | 4.6 | 15 | - | Houses, bridges destroyed |
| 1869: Aug. 24 | S.E. Puna | S. Pacific 2/ | 8.2 | 27 | - | Houses destroyed, roads washed out |
| 1877: May 10 | Hilo, Hawaii | Chile | 4.8 | 16 | 5 | Severe in Hilo |
| 1878: Jan. 10 | Maliko Bay, Maui | N. Molokai 2/ | 3.6 | 12 | - | Scattered flooding, N. Maui, N. Oahu |
| 1896: June 15 | Keauhou, Hawaii | Japan | 5.5 | 18 | - | Houses, wharfs, stores destroyed |
| 1903: Nov. 29 | Pelekunu, Molokai | N. Molokai | 4.5 | 15 | - | Houses destroyed on Maui, railroad washed out on Oahu |
| 1906: Aug. 17 | Maalaea, Maui | Chile | 3.6 | 12 | - | Piers damaged |
| 1919: Oct. 2 | Hoopuloa, Hawaii | S. Kona | 4.3 | 14 | - | Wharf damaged, car swept away |
| 1922: Nov. 11 | Hilo, Hawaii | Chile | 2.1 | 7 | - | Fishing boats swept away |
| 1923: Feb. 3 | Hilo, Hawaii | Kamchatka | 6.1 | 20 | 1 | \$1,500,000 |
| 1933: March 2 | Keauhou, Hawaii | Japan | 3.2 | 10 | - | Boathouses, walls destroyed in Kona |
| 1946: April 1 | Waikolu valley, Molokai | Aleutian Islands | 16.4 | 54 | 159 | \$26,000,000 |
| 1952: Nov. 4 | Kaena, Oahu | Kamchatka | 9.1 | 30 | - | \$1,000,000 |
| 1957: March 9 | Haena, Kauai | Aleutian Islands | 16.1 | 53 | - | \$5,000,000 |
| 1960: May 22 | Hilo, Hawaii | Chile | 10.5 | 34 | 61 | \$23,000,000 |
| 1964: March 27 | Waimea Bay, Oahu | Alaska | 4.9 | 16 | - | \$68,000 |
| 1975: Nov. 29 | Keauhou Landing, Hawaii | S. Puna | 14.3 | 47 | 2 | \$1,500,000 |

1/ Earliest tsunami for which definite information exists.

2/ Probable source.

Source: George Pararas-Carayannis, *Catalog of Tsunamis in the Hawaiian Islands* (U.S. Coast and Geodetic Survey, May 1969); Harold G. Loomis, *The Tsunami of November 29, 1975 in Hawaii* (Hawaii Institute of Geophysics, December 1975), pp. 1 and 10; D.C. Cox and J. Morgan, *Local Tsunamis and Possible Local Tsunamis in Hawaii* (Hawaii Institute of Geophysics, Report HIG 77-14, November 1977); Doak C. Cox, *Tsunami Casualties and Mortality in Hawaii* (University of Hawaii, Environment Center, June 1987), p. 39; James F. Lander and Patricia A. Lockridge, *United States Tsunamis (Including United States Possessions) 1690-1988*, Publication 41-2, National Geophysical Data Center, August 1989, pp.17-77; U.S. Geological Survey, Hawaiian Volcano Observatory, records; Pacific Tsunami Warning Center, records.

Table 5.21-- MAJOR DAMS

| Dam name | Nearest city | Purpose | Year completed | Height (ft.) | Length (ft.) | Maximum storage (acre-ft.) | Normal storage (acre-ft.) |
|--------------------|---------------------|---|-----------------------|---------------------|---------------------|-----------------------------------|----------------------------------|
| Waita Reservoir | Koloa, Kauai | Irrigation | 1906 | 23 | 3,250 | 9,900 | 3,400 |
| Wahiawa Dam | Wahiawa, Oahu | Irrigation, recreation | 1906 | 88 | 660 | 9,200 | 7,761 |
| Kualapuu Reservoir | Kualapuu, Molokai | Irrigation, water supply | 1969 | 54 | 7,100 | 5,082 | 3,685 |
| Ho'omaluhia Dam | Kaneohe, Oahu | Flood control, recreation | 1980 | 76 | 2,200 | 4,500 | 260 |
| Nuuanu Dam No. 4 | Honolulu, Oahu | Flood control, recreation | 1910 | 66 | 1,730 | 3,600 | 242 |
| Alexander | Kalaheo, Kauai | Irrigation, hydroelectric, water supply | 1931 | 113 | 600 | 2,540 | 1,070 |
| Kitano Reservoir | Kekaha, Kauai | Irrigation | 1928 | 26 | 720 | 1,120 | 110 |
| Kapaia Reservoir | Hanamaulu, Kauai | Irrigation, water supply | 1910 | 45 | 1,050 | 1,114 | 1,105 |

Source: Hawaii State Department of Land & Natural Resources/Engineering Division, Flood Control & Dam Safety Section, records.

Table 5.22-- FRESH WATER USE, BY TYPE, BY COUNTY: 2000

[Million gallons per day]

| Use | State total | Hawaii | Honolulu | Kalawao | Kauai | Maui |
|------------------|-------------|--------|----------|---------|-------|--------|
| Total | 628.43 | 53.41 | 216.91 | 0.09 | 45.20 | 312.82 |
| Ground water | 428.00 | 44.55 | 208.84 | 0.09 | 25.83 | 148.69 |
| Public supply 1/ | 242.83 | 31.16 | 164.81 | 0.09 | 14.94 | 31.83 |
| Industrial | 14.50 | 0.04 | 12.93 | - | 0.27 | 1.26 |
| Thermoelectric | - | - | - | - | - | - |
| Irrigation | 170.67 | 13.35 | 31.10 | - | 10.62 | 115.60 |
| Surface water | 200.43 | 8.86 | 8.07 | - | 19.37 | 164.13 |
| Public supply 1/ | 7.60 | 2.50 | - | - | - | 5.10 |
| Industrial | - | - | - | - | - | - |
| Thermoelectric | - | - | - | - | - | - |
| Irrigation | 192.83 | 6.36 | 8.07 | - | 19.37 | 159.03 |

1/ Includes water withdrawn by public and private water systems for use by cities and military bases. Water withdrawn by these facilities may be delivered to users for domestic, commercial, industrial, and thermoelectric purposes, or may be used for water and wastewater treatment, pools, parks and city buildings.

Source: U.S. Geological Survey, Water Resources, records.

Table 5.23-- WATER SERVICES AND CONSUMPTION, FOR COUNTY WATERWORKS: 2005 TO 2007

[Services as of June 30; consumption during the year ending June 30]

| Geographic area | Number of services | | | Consumption (million gallons) | | |
|-----------------------------|--------------------|---------|---------|-------------------------------|--------|--------|
| | 2005 | 2006 | 2007 | 2005 | 2006 | 2007 |
| State total | 257,802 | 261,096 | 265,243 | 77,171 | 80,106 | 80,959 |
| City and County of Honolulu | 166,445 | 168,272 | 170,055 | 51,044 | 52,887 | 53,297 |
| Honolulu District 1/ | 64,815 | 65,576 | 66,130 | 23,503 | 24,295 | 23,837 |
| Rest of Oahu | 101,630 | 102,696 | 103,925 | 27,541 | 28,592 | 29,460 |
| Hawaii County | 38,844 | 39,585 | 40,681 | 9,134 | 9,567 | 9,914 |
| Kauai County | 19,390 | 19,564 | 19,825 | 4,032 | 4,466 | 4,490 |
| Maui County | 33,123 | 33,675 | 34,682 | 12,961 | 13,186 | 13,258 |
| Maui | 31,510 | 32,045 | 33,032 | 12,644 | 12,883 | 12,961 |
| Molokai | 1,613 | 1,630 | 1,650 | 317 | 303 | 297 |

1/ Maunalua to Moanalua.

Source: Data compiled by Hawaii State Department of Business, Economic Development & Tourism from City and County of Honolulu Board of Water Supply, County of Hawaii Department of Water Supply, County of Kauai Department of Water, and County of Maui Department of Water Supply.

**Table 5.24-- WATER WITHDRAWALS BY SOURCE AND MAJOR USE,
FOR THE UNITED STATES AND HAWAII: 2000**

[Withdrawal signifies water physically withdrawn from a source. Includes fresh and saline water]

| Subject | U.S. 1/ | Hawaii |
|---|---------|--------|
| Water withdrawals, total, millions of gallons per day | 408,000 | 641 |
| Source, percent | | |
| Ground water | 20.7 | 67.7 |
| Surface water | 79.2 | 32.4 |
| Selected major uses, percent | | |
| Public supply | 10.6 | 39.0 |
| Irrigation | 33.6 | 56.8 |

1/ Includes Puerto Rico and Virgin Islands.

Source: U.S. Geological Survey, as cited in U.S. Census Bureau, *Statistical Abstract of the United States: 2007*, table 355 <<http://www.census.gov/compendia/statab/2007edition.html>> accessed March 15, 2007.

**Table 5.25-- TOP 25 WATER USERS ON OAHU:
MAY 2006 TO APRIL 2007**

[Estimated monthly average]

| Rank | User | Gallons (1,000) |
|-------------|--|------------------------|
| 1 | Marine Base in Kaneohe | 56,793 |
| 2 | Chevron USA Inc. | 37,162 |
| 3 | State HI Dept of Transportation_Airport, Aolele St | 22,212 |
| 4 | Hawaiian Cement | 15,155 |
| 5 | State HI Dept of Transportation_Airport, Paiea St | 13,825 |
| 6 | University of Hawaii, 2566 Dole St. | 13,581 |
| 7 | Hilton Hawaiian Village, 2005 Kalia Rd | 12,459 |
| 8 | Hawaii Kai Golf Course | 12,121 |
| 9 | Honolulu Zoo | 12,048 |
| 10 | Central Oahu Regional Park | 12,011 |
| 11 | Fort DeRussy Army Facility | 11,562 |
| 12 | Sheraton Waikiki Hotel | 10,563 |
| 13 | Hilton Hawaiian Village, 2003 Kalia Rd | 10,449 |
| 14 | University of Hawaii, 2444 Dole St. | 9,203 |
| 15 | United Laundry Service | 8,789 |
| 16 | Halawa Prison | 8,033 |
| 17 | Ala Wai Golf Course | 7,622 |
| 18 | Magic Island Park | 7,593 |
| 19 | Hyatt Regency Waikiki | 7,413 |
| 20 | Kapiolani Park | 7,161 |
| 21 | Sand Island Treatment Plant | 7,118 |
| 22 | HECO Kahe Power Plant | 6,367 |
| 23 | Mid-Pacific Country Club | 6,157 |
| 24 | Honouliuli Treatment Plant | 5,910 |
| 25 | Hale Koa Hotel | 5,855 |

Source: Honolulu Board of Water Supply, records.

Table 5.26-- HAZARDOUS WASTE SITES, THREATS AND CONTAMINANTS ON OAHU

[Sites on the National Priorities List for the Superfund Program]

| Sites with threats and contaminants | Location | Final Listing 1/ | Deletion |
|---|--------------|------------------|------------|
| Del Monte Corp. (Oahu Plantation) 2/ | Kunia | 12/16/94 | 3/ 1/13/04 |
| Naval Computer & Telecommunications Area 4/ | Pearl Harbor | 5/31/94 | (X) |
| Pearl Harbor Naval Complex 5/ | Pearl Harbor | 10/14/92 | (X) |
| Schofield Barracks (US Army) 6/ | Wahiawa | 8/30/90 | 8/10/00 |

X Not applicable.

1/ After the proposed listing, site was added on this date to the National Priorities List.

2/ Soil and shallow groundwater at the site have been contaminated with the fumigants EDB, DBCP and DCP, the solvents TCP and benzene and the pesticide lindane. Deep groundwater is contaminated with EDB, DBCP and TCP. People who touch or ingest contaminated groundwater or soil could be at risk.

3/ Partial deletion.

4/ The Navy's Installation Restoration Program (IRP) is addressing the sites at NCTAMS EASTPAC. The sites are primarily land disposal areas that are no longer in use and PCB transformer sites. Soil contamination depends on the site but generally the chemicals of concern are PCBs, volatile organics, semi-volatile organics and metals.

5/ Soil, groundwater and sediment are contaminated with metals, organic compounds and petroleum hydrocarbons. There is a potential human health and ecological risk with contact or accidental ingestion with the contaminated media.

6/ Groundwater and soil contain trichloroethylene (TCE). People who drink or come into direct contact with contaminated groundwater could be at risk.

Source: U.S. Environmental Protection Agency, *National Priorities List Sites in Hawaii*
<<http://www.epa.gov/superfund/sites/npl/hi.htm>> accessed June 25, 2008.

Table 5.27-- TOXIC CHEMICAL RELEASES IN 2005, HAZARDOUS WASTE SITES IN 2006, AND HAZARDOUS WASTE GENERATED, SHIPPED, AND RECEIVED IN 2005

| Category | Unit |
|---|------|
| Toxic chemical releases in 2005 1/ | 3.1 |
| On-site releases 2/ | 2.9 |
| Point source air emissions | 2.1 |
| Off-site releases, transfers to disposal | 0.2 |
| Hazardous waste sites in 2006 3/ | 3 |
| Federal | 2 |
| Non-federal | 1 |
| Hazardous waste generated, shipped, and received in 2005 4/ | |
| Generated | 1.5 |
| Shipped | 1.4 |
| Received | 0.4 |

1/ In millions of pounds. Excludes all persistent, bioaccumulative, toxic PBT chemicals and vanadium and vanadium compounds.

2/ Includes other types of releases not shown separately.

3/ As of December 31. Includes both proposed and final sites listed on the National Priorities List for the Superfund program as authorized by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980 and the Superfund Amendments and Reauthorization Act (SARA) of 1986.

4/ In thousands of tons. Covers hazardous wastes regulated under the Resource Conservation and Recovery Act (RCRA) of 1976 as amended. Excludes the following data: Hazardous waste received from off site for storage/bulking and subsequently transferred off site for treatment or disposal is excluded from generation quantities.

Source: U.S. Environmental Protection Agency, as cited in U.S. Census Bureau, *Statistical Abstract of the United States: 2008*, tables 368, 369 and 371.

**Table 5.28-- WATER QUALITY AT PUBLIC BEACHES, BY ISLAND:
2006 AND 2007**

| Island | Number of locations | Number of samples | Enterococci density 1/ | | | |
|----------------|---------------------|-------------------|------------------------|------------|---------------|---------|
| | | | Lowest 2/ | Highest 3/ | Number over 7 | Mean 4/ |
| 2006 | | | | | | |
| State total | 166 | 1,666 | 0.5 | 144.9 | 44 | 4.6 |
| Hawaii | 31 | 848 | 1.0 | 20.1 | 2 | 2.8 |
| Hilo Shoreline | 15 | 593 | 0.5 | 18.1 | 5 | 6.0 |
| Kona Shoreline | 16 | 288 | 1.0 | 20.0 | 2 | 2.0 |
| Maui | 18 | 870 | 1.8 | 6.1 | - | 3.5 |
| Lanai | - | - | (X) | (X) | (X) | (X) |
| Molokai | - | - | (X) | (X) | (X) | (X) |
| Oahu | 96 | 2,418 | 0.7 | 80.0 | 44 | 4.6 |
| Kauai | 21 | 530 | 0.6 | 144.9 | 7 | 6.5 |
| 2007 | | | | | | |
| State total | 135 | 5,601 | 2.3 | 137.0 | 23 | 4.5 |
| Hawaii | 33 | 1,011 | 2.3 | 64.0 | 5 | 4.6 |
| Hilo Shoreline | 13 | 757 | 2.5 | 10.6 | 2 | 4.8 |
| Kona Shoreline | 20 | 254 | 2.3 | 64.0 | 3 | 4.1 |
| Maui | 13 | 911 | 2.7 | 4.2 | - | 3.6 |
| Lanai | - | - | (X) | (X) | (X) | (X) |
| Molokai | - | - | (X) | (X) | (X) | (X) |
| Oahu | 75 | 3,124 | 2.3 | 137.0 | 16 | 4.7 |
| Kauai | 14 | 555 | 2.3 | 99.9 | 2 | 5.0 |

X Not applicable.

1/ Geometric mean, number per 100 ml. The geometric mean standard for Enterococci density is 7 per 100 ml.

2/ The lowest average value in 2006 was reported for Pohoiki Bay on the island of Hawaii. The lowest average value in 2007 was reported for Hualalai 4 Seasons, Kailua Pie Str. C, Kealakekua Bay, Pauoa Bay and Spencer Beach Park on the island of Hawaii, Kona Shoreline; for Ihilani-Kohola Lagoon and Kaiona Beach on the island of Oahu; for Hanalei Bay Landing and Keoniloa Bay on the island of Kauai.

3/ The highest average value in 2006 was reported for End of Weke Road, on the island of Kauai. The highest average value in 2007 was reported for Kawela Bay on the island of Oahu

4/ Not weighted by number of samples.

Source: Hawaii State Department of Health, Clean Water Branch, records.

**Table 5.29-- WATER QUALITY AT SELECTED PUBLIC BEACHES:
2006 AND 2007**

| Island and beach | Number of samples | | Enterococci density 1/ | |
|----------------------------|-------------------|-------|------------------------|------|
| | 2006 | 2007 | 2006 | 2007 |
| Hawaii | 848 | 1,011 | (X) | (X) |
| Hilo Shoreline | 593 | 757 | (X) | (X) |
| Hilo Bay (Canoe Beach) | 76 | 94 | 8.1 | 5.6 |
| Honolii Cove (Ocean) | 76 | 94 | 18.1 | 10.0 |
| Kona Shoreline | 255 | 254 | (X) | (X) |
| Anaehoomalu Bay | 29 | 25 | 2.1 | 3.0 |
| Kahaluu Beach Park | 31 | 21 | 3.7 | 3.9 |
| Spencer Beach Park | 8 | 9 | 2.7 | 2.3 |
| Maui | 530 | 911 | (X) | (X) |
| Hukilau Hotel shoreline | 79 | 80 | 5.6 | 3.6 |
| Kamaole Beach #1 | 78 | 79 | 2.9 | 3.0 |
| Kihei (south) | 78 | 80 | 3.6 | 4.0 |
| Spreckelsville Beach | 78 | 80 | 2.8 | 3.1 |
| Wailea Beach | 78 | 74 | 2.7 | 3.7 |
| Oahu | 2,418 | 3,124 | (X) | (X) |
| Ala Moana Park (center) | 65 | 83 | 7.7 | 6.0 |
| Hanauma Bay | 81 | 104 | 3.3 | 4.0 |
| Kailua Beach Park | 81 | 103 | 5.8 | 5.5 |
| Kuhio Beach | 82 | 120 | 15.6 | 7.3 |
| Makaha Beach | 75 | 102 | 2.5 | 3.3 |
| Sunset Beach | 78 | 101 | 3.6 | 3.2 |
| Waimea Beach | 172 | 100 | 4.8 | 4.5 |
| Kauai | 530 | 555 | (X) | (X) |
| Hanapepe Salt Pond | 86 | 87 | 2.8 | 3.5 |
| Kalapaki Beach (middle) | 86 | 90 | 17.3 | 8.0 |
| Kekaha (Oomano Point) | (NA) | 24 | (NA) | 4.9 |
| Lydgate Park (wading pool) | 83 | 88 | 10.7 | 6.1 |
| Poipu Beach Pavilion | 86 | 86 | 3.4 | 3.4 |

X Not applicable.

NA Not available.

1/ Geometric mean, number per 100 ml. The geometric mean standard for Enterococci density is 7 per 100 ml.

Source: Hawaii State Department of Health, Clean Water Branch, records.

**Table 5.30-- REFUSE AND SEWAGE STATISTICS FOR OAHU:
1995 TO 2007**

[Fiscal year ending June 30]

| Year | Tons of municipal solid waste delivered 1/ | | | Sewage treated 2/ (millions of gallons) |
|------|--|---------------------------------|----------------|--|
| | Total | City and County refuse vehicles | Other vehicles | |
| 1995 | 1,017,709 | 325,381 | 692,328 | 43,175 |
| 1996 | 959,793 | 288,057 | 671,736 | 41,403 |
| 1997 | 945,081 | 302,078 | 643,003 | 42,616 |
| 1998 | 861,831 | 295,117 | 566,714 | 41,289 |
| 1999 | 830,035 | 284,007 | 546,028 | 40,750 |
| 2000 | 868,588 | 298,207 | 570,381 | 41,444 |
| 2001 | 955,019 | 326,696 | 628,323 | 40,369 |
| 2002 | 897,068 | 300,833 | 596,235 | 40,025 |
| 2003 | 890,275 | 344,786 | 545,489 | 40,524 |
| 2004 | 933,028 | 350,298 | 582,730 | 44,472 |
| 2005 | 952,703 | 368,288 | 584,415 | 40,975 |
| 2006 | 937,726 | 363,233 | 574,493 | 42,275 |
| 2007 | 909,587 | 433,962 | 475,625 | 38,345 |

| Year | Sewage pumped 2/ (millions of gallons) | Miles of sewers 2/ | City and County pump stations | City and County treatment plants |
|------|---|--------------------|-------------------------------|----------------------------------|
| 1995 | 53,088 | 1,893 | 64 | 8 |
| 1996 | 52,114 | 1,910 | 65 | 8 |
| 1997 | 54,197 | 1,940 | 63 | 8 |
| 1998 | 50,605 | 1,940 | 64 | 8 |
| 1999 | 49,379 | 1,970 | 65 | 8 |
| 2000 | 49,623 | 2,230 | 65 | 8 |
| 2001 | 48,626 | 2,230 | 65 | 8 |
| 2002 | 49,851 | 2,399 | 65 | 8 |
| 2003 | 50,497 | 3/ 2,205 | 65 | 8 |
| 2004 | 50,969 | 2,212 | 65 | 8 |
| 2005 | 44,476 | 2,268 | 66 | 8 |
| 2006 | 44,168 | 2,268 | 66 | 8 |
| 2007 | 43,388 | 3/ 2,105 | 67 | 9 |

1/ Excludes small landfill controlled by armed forces.

2/ Data limited to system maintained by the City and County of Honolulu, Department of Environmental Services.

3/ GIS editing for more accurate dimensions resulted in a reduction of lateral length.

Source: City and County of Honolulu, Department of Environmental Services, records.

Table 5.31-- AIR QUALITY IN DOWNTOWN HONOLULU: 1988 TO 2007

[Annual arithmetic means, in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), for particulate matter 10 microns or less in diameter (PM_{10}) and in parts per million (ppm) for carbon monoxide (CO). Sampling is conducted about 46 feet above ground on the roof of the State Health Department building (Kinau Hale), 1250 Punchbowl Street, Honolulu, Hawaii]

| Year | PM_{10} ($\mu\text{g}/\text{m}^3$) 1/ | CO (ppm) 2/ | Year | PM_{10} ($\mu\text{g}/\text{m}^3$) 1/ | CO (ppm) 2/ |
|------|--|-------------|---------|--|-------------|
| 1988 | - | 1.7 | 1998 | 9 | 0.8 |
| 1989 | - | 1.8 | 1999 | 14 | 0.6 |
| 1990 | - | 1.5 | 2000 | 14 | 0.7 |
| 1991 | - | 1.7 | 2001 | 16 | 0.6 |
| 1992 | - | 1.6 | 2002 | 15 | 0.6 |
| 1993 | 13 | 1.8 | 2003 | 15 | 0.6 |
| 1994 | 14 | 0.8 | 2004 | 13 | 0.6 |
| 1995 | 14 | 0.8 | 2005 3/ | 14 | 0.6 |
| 1996 | 14 | 0.8 | 2006 4/ | 13 | 0.4 |
| 1997 | 8 | 0.8 | 2007 | 14 | 0.5 |

1/ The State and Federal Ambient Air Standard for PM_{10} annual average is $50 \mu\text{g}/\text{m}^3$. The Federal standard was revoked by the U.S. Environmental Protection Agency effective December 17, 2006.

2/ There is no annual standard for CO. The State Ambient Air Standard for 1-hour CO is 9 ppm and the Federal standard is 35 ppm.

3/ Represents data until July 14, 2005, when the monitoring station was closed for roof repairs.

4/ Represents data from August 5, 2006, after completion of roof repairs.

Source: Hawaii State Department of Health, Environmental Management Division, Clean Air Branch, records.

Table 5.32-- AIR QUALITY AT SPECIFIED LOCATIONS: 2007

[24-hour average, in micrograms per cubic meter]

| Sampling station 1/ | PM ₁₀ 2/ | | | Sulfur dioxide 3/ | | |
|---------------------|---------------------|---------|---------------------------|-------------------|---------|---------------------------|
| | Annual range | | Annual arithmetic average | Annual range | | Annual arithmetic average |
| | Minimum | Maximum | | Minimum | Maximum | |
| Oahu | | | | | | |
| Downtown Honolulu | 6 | 33 | 14 | - | 19 | 1 |
| Pearl City | 4 | 4/ 57 | 15 | (NA) | (NA) | (NA) |
| Kapolei | 8 | 4/ 75 | 17 | 1 | 9 | 4 |
| Makaiwa | (NA) | (NA) | (NA) | - | 24 | 5 |
| West Beach 5/ | 7 | 28 | 13 | - | 5 | 2 |

NA Not available.

1/ The Liliha and Waimanalo stations on Oahu and the Lihue station on Kauai were closed.

2/ Particulate matter up to 10 microns in diameter. The State and Federal Ambient Air Standard for 24-hr PM₁₀ is 150 $\mu\text{g}/\text{m}^3$.

3/ The State and Federal Ambient Air Standard for 24-hr SO₂ is 365 $\mu\text{g}/\text{m}^3$.

4/ Probably due to New Year's fireworks.

5/ Manual PM₁₀ samplers operated for 24 hours, once every 6 days in accordance with EPA guidelines.

Source: Hawaii State Department of Health, Environmental Management Division, Clean Air Branch, records.

Table 5.33-- RELEASE OF TOXICS: 1999 TO 2006

[In pounds]

| Year | Release 1/ | | | | | |
|------|--------------|--------------|---------|---------|------------------------|------------|
| | Total | Air | Water | Land | Under-ground injection | Off-site |
| 1999 | 1,681,101 | 1,584,809 | 2,721 | 38,163 | 5,070 | 50,338 |
| 2000 | 1,311,611 | 1,057,090 | 1,224 | 31,833 | 7,284 | 214,180 |
| 2001 | 3,108,521 | 2,379,969 | 29,770 | 224,400 | 2,071 | 472,311 |
| 2002 | 3,688,240 | 2,495,256 | 454,684 | 228,634 | 2,241 | 507,425 |
| 2003 | 3,163,057 | 2,131,959 | 364,067 | 249,267 | 2,670 | 415,094 |
| 2004 | 2/ 3,170,737 | 2/ 2,358,741 | 296,415 | 227,719 | 6,601 | 2/ 281,261 |
| 2005 | 2/ 3,106,191 | 2/ 2,311,635 | 522,217 | 89,734 | 2,736 | 2/ 179,869 |
| 2006 | 3,019,276 | 2,250,944 | 358,236 | 174,678 | 4,743 | 230,675 |

1/ Release is defined as the amount of a toxic chemical released on-site (to air, water, underground injection, landfills, and other land disposal), and the amount transferred off-site for disposal.

2/ Revised from previous *Data Book*.

Source: U.S. Environmental Protection Agency, *Hawaii Report: Toxics Release Inventory* (annual) <<http://www.epa.gov/region09/toxic/tri/report/06/HawaiiFactsheet2006.pdf>> accessed July 9, 2008.

Table 5.34 -- RELEASE OF PERSISTENT, BIOACCUMULATIVE AND TOXIC (PBT) CHEMICALS: 2000 TO 2006

[In pounds; for dioxin and dioxin-like compounds in grams]

| Year | Total on- and off-site disposal or other releases 1/ | | | | | | |
|---------|--|----------------|----------|-------------------|---------|------------------------|-----------|
| | Lead | Lead compounds | PAC's 2/ | Mercury compounds | Mercury | Benzo (g,h,i) perylene | Dioxin 3/ |
| 2000 | (NA) | (NA) | 2,592 | 101 | (NA) | 0.92 | 5.893 |
| 2001 | 120,024 | 9,443 | 1,476 | 200 | (NA) | 0.89 | 6.110 |
| 2002 | 83,854 | 8,058 | 1,407 | 317 | - | 0.95 | 6.330 |
| 2003 | 106,067 | | 1,533 | | 203 | 1.18 | 5.129 |
| 2004 | 131,952 | | 1,786 | | 187 | 9.84 | 5.390 |
| 2005 4/ | 46,192 | | 1,683 | | 211 | 213.00 | 5.100 |
| 2006 | 110,658 | | 1,356 | | 127 | 7.00 | 5.090 |

NA Not available.

1/ Release is defined as the amount of a toxic chemical released on-site (to air, water, underground injection, landfills, and other land disposal), and the amount transferred off-site for disposal.

2/ Polycyclic aromatic compounds.

3/ Dioxin and dioxin-like compounds (in grams).

4/ Revised from previous *Data Book*.

Source: U.S. Environmental Protection Agency, *Region 9: Toxics Release Inventory* (annual)
<<http://www.epa.gov/region09/toxic/tri/report/06/HawaiiFactsheet2006.pdf>> accessed July 9, 2008.

**Table 5.35-- ATMOSPHERIC CARBON DIOXIDE MEASUREMENTS
AT MAUNA LOA: ANNUAL MEAN VALUES, 1958 TO 2007**

[Average carbon dioxide mixing ratio, parts per million]

| Year | Annual average | Year | Annual average | Year | Annual average |
|------|----------------|------|----------------|------|----------------|
| 1958 | 1/ 315.17 | 1976 | 332.04 | 1994 | 358.51 |
| 1959 | 315.83 | 1977 | 333.79 | 1995 | 360.62 |
| 1960 | 316.75 | 1978 | 335.35 | 1996 | 362.40 |
| 1961 | 317.49 | 1979 | 336.73 | 1997 | 363.54 |
| 1962 | 318.30 | 1980 | 338.72 | 1998 | 366.61 |
| 1963 | 318.83 | 1981 | 340.12 | 1999 | 368.33 |
| 1964 | 2/ 319.04 | 1982 | 341.21 | 2000 | 369.62 |
| 1965 | 319.87 | 1983 | 342.87 | 2001 | 371.20 |
| 1966 | 321.21 | 1984 | 344.48 | 2002 | 372.99 |
| 1967 | 322.02 | 1985 | 345.85 | 2003 | 375.82 |
| 1968 | 322.83 | 1986 | 347.21 | 2004 | 377.54 |
| 1969 | 323.93 | 1987 | 348.98 | 2005 | 379.97 |
| 1970 | 325.27 | 1988 | 351.34 | 2006 | 381.88 |
| 1971 | 326.17 | 1989 | 352.89 | 2007 | 3/ 383.81 |
| 1972 | 327.26 | 1990 | 354.26 | | |
| 1973 | 329.45 | 1991 | 355.45 | | |
| 1974 | 1/ 329.72 | 1992 | 356.58 | | |
| 1975 | 4/ 331.14 | 1993 | 357.01 | | |

1/ Based on data for 8 months.

2/ Based on data for 9 months.

3/ Preliminary.

4/ Based on data for 11 months.

Source: National Weather Service, Pacific Region, Honolulu (for 1958-1991); Mauna Loa Observatory (for 1992-1999); U.S. Department of Commerce, National Oceanic & Atmospheric Administration (NOAA), Earth System Research Laboratory (ESRL), records.

Table 5.36-- TEMPERATURES AND PRECIPITATION FOR SELECTED PLACES

[Updated through June 2007]

| Island and station | Ground elevation (feet) | Average temperature 1/ (°F) | | Extreme temperature of record (°F) | | Average annual precipitation (inches) |
|---------------------------------|-------------------------|-----------------------------|---------------|------------------------------------|---------|---------------------------------------|
| | | Coollest month | Warmest month | Lowest | Highest | |
| Hawaii: | | | | | | |
| Hilo Airport | 38 | 2/ 66.4 | 2/ 81.2 | 53 | 94 | 2/ 127.77 |
| Hawaii Volcanoes Nat. Park Hdq. | 3,970 | 2/ 52.7 | 2/ 69.2 | 34 | 89 | 2/ 109.00 |
| Naalehu | 800 | 65.8 | 2/ 79.4 | 50 | 93 | 2/ 48.04 |
| Kailua | 700 | 2/ 63.6 | 2/ 76.3 | 2/ 46 | 88 | 2/ 118.76 |
| Puako 3/ | 5 | 68.3 | 83.8 | 52 | 92 | 9.09 |
| Waimea (Kamuela) | 2,670 | 2/ (NA) | 2/ (NA) | 34 | 95 | (4/) |
| Honokaa | 1,080 | 2/ (NA) | 2/ (NA) | (NA) | (NA) | 2/ 81.09 |
| Mauna Kea summit 5/ | 13,796 | 31.3 | 42.5 | 11 | 66 | (NA) |
| Maui: | | | | | | |
| Hana Airport | 75 | 2/ 67.4 | 80.8 | 50 | 94 | 2/ 80.76 |
| Haleakala summit 6/ | 10,025 | 38.9 | 54.6 | 14 | 73 | 36.52 |
| Kihei 7/ | 85 | 70.9 | 78.4 | 49 | 98 | 15.20 |
| Kahului Airport | 51 | 67.4 | 2/ 83.8 | 48 | 97 | 2/ 18.83 |
| Lahaina 8/ | 45 | 65.9 | 84.8 | 52 | 97 | 13.77 |
| Molokai: | | | | | | |
| Kaunakakai | 12 | (NA) | (NA) | (NA) | (NA) | 2/ 14.10 |
| Molokai Airport | 450 | 2/ 67.7 | 2/ 81.4 | 46 | 96 | 2/ 25.98 |
| Lanai: | | | | | | |
| Lanai City | 1,620 | 2/ 62.4 | 2/ 75.4 | 47 | 2/ 92 | 2/ 34.86 |

Continued on next page.

Table 5.36-- TEMPERATURES AND PRECIPITATION FOR SELECTED PLACES -- Con.

| Island and station | Ground elevation (feet) | Average temperature 1/ (°F) | | Extreme temperature of record (°F) | | Average annual precipitation (inches) |
|--------------------------------|-------------------------|-----------------------------|---------------|------------------------------------|---------|---------------------------------------|
| | | Coollest month | Warmest month | Lowest | Highest | |
| Oahu: | | | | | | |
| Honolulu International Airport | 7 | 2/ 70.3 | 2/ 84.0 | 52 | 96 | 2/ 20.65 |
| Waikiki (Honolulu Zoo) | 10 | 2/ 69.1 | 84.6 | 42 | 95 | 2/ 23.89 |
| Manoa (Lyon Arboretum) | 500 | 2/ 66.5 | 2/ 79.1 | 49 | 96 | 2/ 152.45 |
| Kaneohe (State Hospital) | 200 | 2/ 71.5 | 83.0 | 58 | 96 | 2/ 55.02 |
| Kahuku 9/ | 15 | 68.9 | 80.8 | 51 | 99 | 40.86 |
| Wheeler AFB 10/ | 820 | 68.2 | 75.5 | 52 | 89 | 38.46 |
| Kauai: | | | | | | |
| Kilauea (town) | 320 | 2/ 67.1 | 2/ 79.3 | 50 | 90 | 2/ 68.43 |
| Lihue Airport | 103 | 2/ 69.8 | 2/ 81.1 | 50 | 90 | 2/ 41.45 |
| Poipu (Makahuena Pt.) 6/ | 50 | 69.3 | 82.6 | 50 | 95 | 34.35 |
| Kekaha 11/ | 9 | 64.5 | 84.8 | 44 | 95 | 20.66 |
| Kokee (Kanalohuluhulu) | 3,600 | 2/ 50.0 | 2/ 67.3 | 29 | 90 | 2/ 66.43 |
| Northwestern Hawaiian Islands: | | | | | | |
| Midway 12/ | 10 | 65.0 | 78.6 | 52 | 89 | 44.00 |

Continued on next page.

Table 5.36-- TEMPERATURES AND PRECIPITATION FOR SELECTED PLACES -- Con.

NA Not available.

1/ For some stations, data represent 30-year normals.

2/ Revised from previous *Data Book*.

3/ Data available through 1976. Temperature data are for Mahukona.

4/ Data for December are missing.

5/ Based on incomplete and non-continuous data for 1966-1972.

6/ Data available through 1976.

7/ Temperature data available through 1953, refer to Puunene Airport.

8/ Data available through 2001.

9/ Data available through 1975.

10/ Data available through 1949.

11/ Data available through 2000.

12/ Data available through 1991, not confirmed.

Source: Hawaii State Department of Land and Natural Resources, Commission on Water Resource Management, records; University of Hawaii at Manoa, School of Ocean and Earth Science and Technology, Department of Meteorology, records.

Table 5.37-- ENVIRONMENTAL INDICATORS: 2003 TO 2005

| Indicator | Unit | 2003 | 2004 | 2005 | Score 1/ |
|---|---------------------|--------|--------|--------|----------|
| Electric utility sales | Mil. kwh | 10,216 | 10,477 | 10,550 | (NA) |
| Electric utility sales per capita | kwh | 7,535 | 7,614 | 7,563 | (NA) |
| Energy used | Tril. BtU | 320.4 | 324.1 | 324.6 | (NA) |
| Energy used per capita | Mil. BtU | 235 | 235 | (NA) | (NA) |
| Estimated greenhouse gas emissions | Mil. Tons 2/ | 21.68 | 21.88 | 21.11 | 47 |
| Fossil fuel used | Tril. BtU | 302.7 | 305.6 | 307.1 | (NA) |
| Municipal water consumption 3/ | Mil. gal | 80,735 | 78,345 | 77,171 | 46 |
| Wastewater reuse 4/ | Percent | 15.7 | 15.7 | 15.7 | 63 |
| Municipal solid waste diverted 5/ | Percent | 29.1 | 32.5 | (NA) | 43 |
| Hazardous waste generated 4/ | Tons | 1,139 | (NA) | (NA) | 74 |
| Beaches posted as unsafe due to pollution | Days | - | 33 | 121 | (NA) |
| Oil and chemical spills 4/ | Number | 386 | 357 | (NA) | 71 |
| Safe drinking water 6/ | % population served | 100.0 | 99.5 | 99.1 | 91 |
| State environmental expenditures 3/ | \$ millions | 66 | 150 | 85 | 45 |
| Noise complaints | Number | 363 | 432 | 453 | 61 |
| Bikeways | Miles | 208 | 214 | 214 | 17 |
| Bus boardings (Oahu) | Millions | 69.1 | 61.3 | 67.4 | 54 |

NA Not available.

1/ In percent. Latest data equal to or better than desired level = 100. Latest data equal to undesirable level = 0.

2/ Carbon dioxide equivalent.

3/ Fiscal year ending June 30.

4/ Fiscal year ending September 30.

5/ Fiscal year ending September 30. Municipal solid waste recycled or composted. Does not include waste sent to H-Power for incineration and power generation.

6/ Fiscal year ending September 30. Below 1994 maximum microbiological and chemical contaminant levels.

Source: State of Hawai'i, Environmental Council, *Environmental Report Card* (annual).

Table 5.38-- CLIMATIC NORMALS, MEANS, AND EXTREMES FOR HILO, KAHULUI, HONOLULU, AND LIHUE AIRPORTS: 2007

[Normals are 30-year averages (1971 - 2000)]

| Subject | Hilo | Kahului | Honolulu | Lihue |
|--|----------|----------|----------|-------------|
| Temperatures (°F) | | | | |
| Normal daily maximum, annual | 81.0 | 84.3 | 84.7 | 81.1 |
| Highest daily maximum | 94 | 97 | 95 | 90 |
| Month and year of occurrence | May 1966 | Aug 1994 | Sep 1994 | Sep 1995 |
| Normal daily minimum, annual | 66.7 | 67.3 | 70.2 | 70.3 |
| Lowest daily minimum | 53 | 22 | 53 | 50 |
| Month and year of occurrence | Feb 1962 | Jan 2004 | Jan 1998 | Jan 1969 |
| Normal dry bulb (temperature of ambient air) | | | | |
| Coolest | 71.4 | 71.8 | 73.0 | 71.7 |
| Month | Jan | Jan | Jan, Feb | Jan, Feb |
| Warmest | 76.3 | 79.5 | 81.8 | 79.7 |
| Month | Aug | Aug | Aug | Aug |
| Annual | 73.9 | 75.8 | 77.5 | 75.7 |
| Normal no. days with maximum 90°F and above | 1.2 | 25.9 | 35.5 | 0.3 |
| Normal relative humidity (percent), annual | | | | |
| 8 a.m. | 80 | 74 | 72 | 77 |
| 2 p.m. | 68 | 58 | 56 | 66 |
| Percent of possible sunshine, annual | 41 | 67 | 71 | 58 |
| Mean no. days (annual) with | | | | |
| Clear | 35.5 | 130.5 | 90.0 | 55.3 |
| Partly cloudy | 131.3 | 145.2 | 179.8 | 183.2 |
| Cloudy | 195.3 | 89.5 | 92.0 | 123.2 |
| Wind speed (m.p.h.), annual | | | | |
| Mean | 1/ 6.9 | 1/ 13.2 | 1/ 10.5 | 13.6 |
| Maximum 2-minute | 37 | 48 | 40 | 1/ 48 |
| Month and year of occurrence | Feb 2006 | Jan 2004 | Jan 2004 | 1/ Dec 2007 |
| Precipitation (inches) | | | | |
| Normal, annual | 126.27 | 18.80 | 18.29 | 39.57 |
| Maximum monthly | 50.82 | 14.46 | 20.79 | 36.13 |
| Month and year of occurrence | Dec 1954 | Jan 1980 | Mar 1951 | Mar 2006 |
| Minimum monthly | 0.13 | - | (2/) | (2/) |
| Month and year of occurrence | Jan 1998 | Jun 1957 | Aug 1974 | Feb 1983 |
| Maximum in 24 hours | 27.36 | 7.01 | 17.07 | 11.54 |
| Month and year of occurrence | Nov 2000 | Jan 1980 | Mar 1958 | Dec 1968 |

1/ Revised from previous *Data Book*.

2/ Trace precipitation.

Source: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Climatic Data Center, *Local Climatological Data, Annual Summary with Comparative Data, 2007*, "Normals, Means, and Extremes", for Hilo, Kahului, Honolulu, and Lihue (annual).

**Table 5.39-- MONTHLY AND ANNUAL CLIMATIC DATA FOR HONOLULU INTERNATIONAL AIRPORT:
2007**

| Month | Normal temperature (°F) | | | Extreme temperature (°F) | | Precipitation (inches) | | | |
|-----------|----------------------------|---------------|--------------------|-----------------------------|----------------------|---------------------------|-----------------|-----------------|---------------------|
| | Daily maximum | Daily minimum | Normal dry bulb 1/ | Highest daily maximum | Lowest daily minimum | Normal | Maximum monthly | Minimum monthly | Maximum in 24 hours |
| January | 80.4 | 65.7 | 73.0 | 88 | 53 | 2.73 | 14.74 | 0.18 | 6.72 |
| February | 80.7 | 65.4 | 73.0 | 88 | 53 | 2.35 | 13.68 | 0.06 | 6.88 |
| March | 81.7 | 66.9 | 74.3 | 88 | 55 | 1.89 | 20.79 | 0.01 | 17.07 |
| April | 83.1 | 68.2 | 75.6 | 91 | 57 | 1.11 | 8.92 | 0.01 | 4.21 |
| May | 84.9 | 69.6 | 77.2 | 93 | 60 | 0.78 | 7.23 | 0.03 | 3.44 |
| June | 86.9 | 72.1 | 79.5 | 92 | 65 | 0.43 | 2.46 | (2/) | 2.28 |
| July | 87.8 | 73.8 | 80.8 | 94 | 66 | 0.50 | 2.33 | 0.03 | 2.20 |
| August | 88.9 | 74.7 | 81.8 | 93 | 67 | 0.46 | 3.74 | (2/) | 3.03 |
| September | 88.9 | 74.2 | 81.5 | 95 | 66 | 0.74 | 2.74 | 0.05 | 1.40 |
| October | 87.2 | 73.2 | 80.2 | 94 | 61 | 2.18 | 11.15 | 0.07 | 7.57 |
| November | 84.3 | 71.1 | 77.7 | 93 | 57 | 2.27 | 18.79 | 0.03 | 9.15 |
| December | 81.7 | 67.8 | 74.8 | 89 | 54 | 2.85 | 17.29 | 0.04 | 8.25 |
| Annual | 84.7 | 70.2 | 77.5 | 95 | 53 | 18.29 | 20.79 | (2/) | 17.07 |

Continued on next page.

**Table 5.39-- MONTHLY AND ANNUAL CLIMATIC DATA FOR HONOLULU INTERNATIONAL AIRPORT:
2007 -- Con.**

| Month | Relative humidity (percent) | | Wind (miles/hour) | | Percent of possible sunshine | Number of days | | |
|-----------|--------------------------------|--------|----------------------|------------------------------|------------------------------------|-------------------|--------|--------------------------------------|
| | 8 A.M. | 2 P.M. | Mean speed | Maximum 2-minute speed | | Mean | | Normal |
| | | | | | | Clear | Cloudy | Precipitation .01 inch or more |
| January | 81 | 61 | 8.7 | 40 | 65 | 9.5 | 8.5 | 8.8 |
| February | 79 | 59 | 3/ 9.3 | 37 | 68 | 8.1 | 7.6 | 7.9 |
| March | 73 | 57 | 3/ 10.2 | 32 | 72 | 7.4 | 9.3 | 9.0 |
| April | 70 | 55 | 11.2 | 35 | 70 | 5.9 | 9.6 | 8.6 |
| May | 67 | 54 | 10.6 | 29 | 72 | 6.7 | 8.7 | 7.3 |
| June | 66 | 52 | 3/ 12.1 | 30 | 74 | 6.5 | 6.2 | 5.8 |
| July | 68 | 52 | 12.2 | 30 | 76 | 7.4 | 5.1 | 7.2 |
| August | 68 | 52 | 11.8 | 31 | 77 | 8.0 | 5.7 | 5.4 |
| September | 70 | 53 | 10.3 | 30 | 77 | 7.9 | 5.7 | 6.9 |
| October | 71 | 56 | 3/ 9.8 | 3/ 31 | 71 | 7.5 | 8.1 | 7.3 |
| November | 75 | 59 | 9.7 | 30 | 64 | 7.2 | 8.8 | 9.1 |
| December | 79 | 60 | 3/ 9.6 | 3/ 39 | 63 | 7.9 | 8.7 | 9.7 |
| Annual | 72 | 56 | 3/ 10.5 | 40 | 71 | 90.0 | 92.0 | 93.0 |

1/ Temperature of the ambient air.

2/ Trace precipitation.

3/ Revised from previous *Data Book*.

Source: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Climatic Data Center, *Local Climatological Data, Annual Summary With Comparative Data, 2007*, "Normals, Means, and Extremes, Honolulu, HI" (annual).

Table 5.40-- AVERAGE TEMPERATURE, PERCENT OF POSSIBLE SUNSHINE, AND PRECIPITATION, FOR HONOLULU INTERNATIONAL AIRPORT: 1950 TO 2007

| Year | Average temperature (°F) | Percent of possible sunshine | Precipitation (inches) | Year | Average temperature (°F) | Percent of possible sunshine | Precipitation (inches) |
|---------|--------------------------|------------------------------|------------------------|------|--------------------------|------------------------------|------------------------|
| 1950 | 75.7 | (NA) | 31.68 | 1980 | 77.4 | 68 | 26.90 |
| 1951 | 76.3 | (NA) | 39.73 | 1981 | 77.1 | 68 | 13.41 |
| 1952 | 75.4 | (NA) | 10.65 | 1982 | 76.9 | 67 | 34.92 |
| 1953 | 75.9 | 71 | 9.97 | 1983 | 77.2 | 67 | 5.03 |
| 1954 | 75.8 | 68 | 27.30 | 1984 | 78.1 | 67 | 17.08 |
| 1955 | 74.5 | 62 | 37.86 | 1985 | 76.9 | 67 | 17.38 |
| 1956 | 75.9 | 69 | 21.23 | 1986 | 78.3 | 68 | 13.93 |
| 1957 | 76.0 | 72 | 24.22 | 1987 | 77.9 | 68 | 23.53 |
| 1958 | 75.3 | 70 | 35.02 | 1988 | 78.5 | 68 | 16.47 |
| 1959 | 76.7 | 70 | 14.14 | 1989 | 77.5 | 68 | 27.52 |
| 1960 | 76.7 | 70 | 12.07 | 1990 | 77.6 | 69 | 19.84 |
| 1961 | 77.2 | 81 | 14.26 | 1991 | 77.7 | 69 | 17.94 |
| 1962 | 76.5 | 71 | 13.58 | 1992 | 77.8 | 69 | 19.00 |
| 1963 | 76.7 | 64 | 37.91 | 1993 | 77.1 | 69 | 5.84 |
| 1964 | 77.0 | 63 | 20.12 | 1994 | 78.8 | 70 | 15.59 |
| 1965 1/ | 76.1 | 74 | 42.78 | 1995 | 79.3 | 70 | 13.60 |
| 1966 1/ | 77.6 | 68 | 23.18 | 1996 | 78.6 | 70 | 33.12 |
| 1967 1/ | 77.6 | 58 | 34.34 | 1997 | 77.8 | 71 | 19.99 |
| 1968 1/ | 77.9 | 63 | 37.26 | 1998 | 77.1 | 71 | 4.52 |
| 1969 1/ | 77.4 | 68 | 22.50 | 1999 | 76.9 | 71 | 11.99 |
| 1970 1/ | 78.2 | 72 | 15.49 | 2000 | 77.6 | 71 | 7.10 |
| 1971 1/ | 76.1 | 70 | 26.64 | 2001 | 78.2 | 71 | 9.14 |
| 1972 | 76.2 | 65 | 26.94 | 2002 | 77.9 | 71 | 12.18 |
| 1973 | 77.2 | 63 | 14.24 | 2003 | 78.5 | 71 | 12.69 |
| 1974 | 77.5 | 61 | 24.02 | 2004 | 78.7 | 71 | 39.01 |
| 1975 | 76.2 | 62 | 24.39 | 2005 | 78.4 | 71 | 15.60 |
| 1976 | 76.8 | 60 | 12.90 | 2006 | 77.1 | 71 | 29.45 |
| 1977 | 78.2 | 68 | 12.36 | 2007 | 78.0 | 71 | 11.99 |
| 1978 | 76.8 | 69 | 25.05 | | | | |
| 1979 | 77.0 | 68 | 16.93 | | | | |

NA Not available.

1/ Site conditions produced distorted temperature measurements from 1965 to 1971.

Source: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Climatic Data Center, *Local Climatological Data, Annual Summary With Comparative Data, 2007*, "Average Temperature (°F), Honolulu, HI", "Normals, Means, and Extremes, Honolulu, HI", "Precipitation (inches), Honolulu, HI" (annual).

Table 5.41-- AVERAGE DAILY TEMPERATURE AND DAYS WITH MAXIMUM OF 90° OR HIGHER, FOR HONOLULU INTERNATIONAL AIRPORT: 1971 TO 2007

| Year | Average daily maximum (°F) | Days 90° or higher | Year | Average daily maximum (°F) | Days 90° or higher |
|------|----------------------------|--------------------|------|----------------------------|--------------------|
| 1971 | 82.7 | - | 1991 | 84.9 | 35 |
| 1972 | 83.2 | 3 | 1992 | 85.2 | 28 |
| 1973 | 84.4 | 10 | 1993 | 84.5 | 23 |
| 1974 | 85.0 | 25 | 1994 | 85.5 | 85 |
| 1975 | 83.6 | 1 | 1995 | 86.8 | 116 |
| 1976 | 84.1 | 9 | 1996 | 85.8 | 69 |
| 1977 | 85.2 | 16 | 1997 | 85.1 | 50 |
| 1978 | 84.2 | 13 | 1998 | 83.7 | - |
| 1979 | 84.7 | 51 | 1999 | 83.2 | - |
| 1980 | 84.6 | 22 | 2000 | 84.0 | 4 |
| 1981 | 84.6 | 9 | 2001 | 84.5 | 19 |
| 1982 | 83.5 | 27 | 2002 | 84.1 | 9 |
| 1983 | 85.1 | 44 | 2003 | 84.8 | 35 |
| 1984 | 85.5 | 63 | 2004 | 84.9 | 53 |
| 1985 | 84.6 | 53 | 2005 | 84.7 | 55 |
| 1986 | 86.2 | 64 | 2006 | 83.1 | 1 |
| 1987 | 85.7 | 93 | 2007 | 84.2 | 11 |
| 1988 | 86.1 | 70 | | | |
| 1989 | 85.2 | 34 | | | |
| 1990 | 84.0 | 47 | | | |

Source: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Climatic Data Center, *Local Climatological Data, Annual Summary With Comparative Data, 2007*, "Meteorological Data, Honolulu, HI " (annual).

Table 5.42-- CLIMATIC DATA FOR HONOLULU INTERNATIONAL AIRPORT: 1994 TO 2007

| Year | Average temperature (°F) 1/ | | | Extreme temp. (°F) | | Precipitation (inches) |
|------|-----------------------------|---------------|---------------|--------------------|---------|------------------------|
| | Annual | Coolest month | Warmest month | Lowest | Highest | |
| 1994 | 78.8 | 72.0 | 84.3 | 56 | 95 | 15.59 |
| 1995 | 79.3 | 73.4 | 83.4 | 56 | 94 | 13.60 |
| 1996 | 78.6 | 74.0 | 82.8 | 56 | 93 | 33.12 |
| 1997 | 77.8 | 72.3 | 82.7 | 57 | 94 | 19.99 |
| 1998 | 77.1 | 72.5 | 81.1 | 53 | 89 | 4.52 |
| 1999 | 76.9 | 73.3 | 80.8 | 60 | 89 | 11.99 |
| 2000 | 77.6 | 72.5 | 81.4 | 59 | 90 | 7.10 |
| 2001 | 78.2 | 74.1 | 82.2 | 59 | 92 | 9.14 |
| 2002 | 77.9 | 73.1 | 82.2 | 60 | 90 | 12.18 |
| 2003 | 78.5 | 72.5 | 83.2 | 57 | 92 | 12.69 |
| 2004 | 78.7 | 73.6 | 82.8 | 60 | 92 | 39.01 |
| 2005 | 78.4 | 72.7 | 83.6 | 58 | 93 | 15.60 |
| 2006 | 77.1 | 72.1 | 81.2 | 60 | 90 | 29.45 |
| 2007 | 78.0 | 73.4 | 82.1 | 57 | 91 | 11.99 |

| Year | Relative humidity (percent) | | Wind speed (miles/hour) | | Percent of possible sunshine | Days with precipitation .01 inch or more |
|------|-----------------------------|--------|-------------------------|-----------|------------------------------|--|
| | 8 a.m. | 2 p.m. | Annual average | Peak gust | | |
| 1994 | 72 | 55 | 11.9 | 51 | 70 | 80 |
| 1995 | 74 | 57 | 10.7 | 41 | 70 | 81 |
| 1996 | 73 | 56 | 9.6 | 40 | 70 | 106 |
| 1997 | 80 | 57 | 10.0 | 41 | 71 | 105 |
| 1998 | 72 | 56 | 11.0 | (NA) | 71 | 74 |
| 1999 | 73 | 57 | 11.0 | (NA) | 71 | 94 |
| 2000 | 75 | 60 | 10.9 | (NA) | 71 | 67 |
| 2001 | 73 | 58 | 11.3 | (NA) | 71 | 84 |
| 2002 | 72 | 58 | 10.2 | (NA) | 71 | 64 |
| 2003 | 71 | 56 | 10.5 | (NA) | 71 | 87 |
| 2004 | 75 | 61 | 9.7 | (NA) | 71 | 122 |
| 2005 | 71 | 55 | 10.6 | (NA) | 71 | 90 |
| 2006 | 66 | 58 | 9.9 | (NA) | 71 | 97 |
| 2007 | 63 | 54 | 11.1 | (NA) | 71 | 83 |

NA Not available.

1/ Average dry bulb (temperature of the ambient air).

Source: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Climatic Data Center, *Local Climatological Data, Annual Summary With Comparative Data, 2007*, "Meteorological Data, Honolulu, HI", "Normals, Means, and Extremes, Honolulu, HI" (annual).

Table 5.43-- CLIMATIC DATA FOR THE PERIOD OF RECORD

| Subject | Date | Place | Magnitude |
|--|----------------|---------------------|-----------|
| Long-term averages: | | | |
| Lowest monthly average minimum temp. (°F) | February | Mauna Kea summit | 23.5 |
| Lowest monthly average daily temp. (°F) | February | Mauna Kea summit | 31.3 |
| Highest monthly average maximum temp. (°F) | September | Kawaihae 1/ | 91.9 |
| Highest monthly average daily temp. (°F) | September | Kawaihae 1/ | 80.8 |
| Lowest average annual rainfall (inches) | ... | Kawaihae | 8.7 |
| Highest average annual rainfall (inches) | ... | Waialeale | 444 |
| Single events: | | | |
| Lowest temperature of record (°F) | Jan. 20, 1970 | Mauna Kea summit 2/ | 1.4 |
| Highest temperature of record (°F) | April 27, 1931 | Pahala | 100 |
| Lowest annual rainfall of record (inches) | 1953 | Kawaihae | 0.2 |
| Highest annual rainfall of record (inches) | 1982 | Waialeale | 666 |
| Highest wind speed of record (m.p.h.) | Sept. 11, 1992 | Makahuena Pt. 3/ | 143 |

1/ Puukohola Heiau National Historical Site, Kawaihae, Hawaii.

2/ Recorded by Dr. Alfred Woodcock 60 meters inside the Mauna Kea summit cone, at 6:50 a.m. The rim at that time had a temperature of 39°F.

3/ Makahuena Point Coast Guard Station, Poipu, Kauai.

Source: Hawaii State Department of Land and Natural Resources, Commission on Water Resource Management, data provided February 14, 1995.

**Table 5.44--RAINFALL AT SPECIFIED LOCATIONS: ANNUALLY,
1996 TO 2007**

[In inches]

| Year | Hawaii | | | | Maui | | |
|------|--------------|----------------------|---------------|----------|-----------------|---------------|-------------|
| | Hilo Airport | Lalamilo | Kona Village | Naalehu | Kahului Airport | Kihei | Lahaina |
| 1996 | 120.21 | 25.35 | 24.70 | 59.07 | 31.00 | 22.32 | 22.81 |
| 1997 | 131.61 | 17.48 | 15.57 | 49.43 | 23.08 | 19.96 | 16.68 |
| 1998 | 76.12 | 8.86 | 1.37 | 17.62 | 6.36 | 4.47 | 1.86 |
| 1999 | 117.10 | 8.10 | 3.93 | 36.55 | 7.04 | 7.13 | 6.11 |
| 2000 | 119.45 | 6.85 | 6.31 | 36.03 | 9.66 | 3.26 | 6.01 |
| 2001 | 111.55 | 6.91 | 8.05 | 38.09 | 9.31 | 4.84 | 1.65 |
| 2002 | 132.36 | 18.01 | 9.70 | 59.15 | 15.01 | 13.33 | (NA) |
| 2003 | 91.38 | 12.40 | 5.66 | 28.71 | 13.83 | 12.03 | (NA) |
| 2004 | 137.49 | 23.40 | 19.97 | 46.95 | 26.17 | 26.38 | (NA) |
| 2005 | 123.32 | 15.58 | 14.90 | 31.48 | 42.13 | 10.88 | (NA) |
| 2006 | 122.02 | 10.61 | 9.68 | 76.33 | 18.65 | 16.49 | (NA) |
| 2007 | 106.75 | 16.39 | 4.76 | 42.46 | 13.06 | 14.61 | (NA) |
| Year | Oahu | | | | Kauai | | |
| | Waikiki | University of Hawaii | Nuuanu Res. 4 | Kane-ohe | Koloa | Lihue Airport | Princeville |
| 1996 | 29.96 | 42.11 | 116.76 | 62.45 | 48.81 | 56.14 | 85.53 |
| 1997 | 25.30 | 40.62 | 116.22 | 62.28 | 42.02 | 48.02 | 81.57 |
| 1998 | 10.97 | 24.50 | 74.62 | 28.52 | 33.72 | 26.47 | 56.52 |
| 1999 | 19.09 | 26.55 | 88.06 | 30.76 | 40.25 | 33.18 | 72.98 |
| 2000 | 6.86 | 18.87 | 88.20 | 31.10 | 30.55 | 17.96 | 52.92 |
| 2001 | 15.73 | 22.69 | 82.73 | 32.22 | 27.00 | 27.75 | 72.05 |
| 2002 | 17.26 | 23.66 | 106.70 | 44.16 | 41.81 | 31.92 | 66.81 |
| 2003 | 27.23 | 24.96 | 111.33 | 50.75 | 36.36 | 35.78 | 74.82 |
| 2004 | 43.81 | 61.89 | 146.17 | 81.26 | 64.89 | 49.91 | 93.17 |
| 2005 | 19.26 | 36.45 | 83.73 | 58.24 | 40.51 | 27.41 | 79.95 |
| 2006 | 31.84 | 38.90 | 1/ 89.54 | 81.28 | 69.28 | 67.02 | 91.58 |
| 2007 | 18.69 | 36.22 | 97.26 | 45.19 | 43.52 | 24.37 | 72.09 |

NA Not available.

1/ Revised from previous *Data Book*.

Source: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Climatic Data Center, *Climatological Data, Annual Summary, Hawaii and Pacific* (annual); Hawaii State Department of Land and Natural Resources, Commission on Water Resource Management, records; University of Hawaii at Manoa, School of Ocean and Earth Science and Technology, Department of Meteorology, records.

Table 5.45-- MAJOR HURRICANES: 1950 TO 2007

| Hurricane name | Date 1/ | Islands most affected | Maximum recorded winds ashore (m.p.h.) | | Deaths | Property damage (mil. dol.) |
|----------------|------------------|-----------------------|--|------------|--------|-----------------------------|
| | | | Sustained | Peak gusts | | |
| Hiki | Aug. 15-17, 1950 | Kauai | 68 | (NA) | 1 | 0.2 |
| Della | Sept. 4, 1957 | French Frigate Shoals | 82 | 109 | - | Minor |
| Nina | Dec. 1-2, 1957 | Kauai | (NA) | 92 | 1 | 0.1 |
| Dot | Aug. 6, 1959 | Kauai | 81 | 103 | - | 5.5+ |
| Fico | July 18-20, 1978 | Hawaii | (NA) | 58+ | - | 0.2 |
| Iwa | Nov. 23, 1982 | Kauai, Oahu | 65 | 117 | 1 | 234.0 |
| Estelle | July 22, 1986 | Maui, Hawaii | (NA) | 55 | - | 2.0 |
| Iniki | Sept. 11, 1992 | Kauai, Oahu | 92 | 143 | 8 | 1,900 |

NA Not available.

1/ Period affecting the Hawaiian Islands.

Source: Samuel L. Shaw, *A History of Tropical Cyclones in the Central North Pacific and the Hawaiian Islands, 1832-1979* (U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Weather Service, September 1981); Hawaii State Department of Defense, Civil Defense Division, *Catalogue of Natural and Man-Caused Incidents and Disasters in the Hawaiian Islands* (December 1978); The Governor's Ad Hoc Committee on the Economic Impact of Hurricane Iwa, *Hurricane Iwa's Economic Impact on Hawaii* (January 1983); "The History of Hurricanes in Hawaii", *Honolulu Star-Bulletin*, July 18, 1983, p. A-5; "20-Foot Waves Hit Big Isle As Storm Brushes Coastline", *The Honolulu Advertiser*, July 23, 1986, pp. A1, A2; "Hawaii Hurricanes", *Honolulu Star-Bulletin*, August 4, 1988, p. A-8; Hawaii State Department of Land and Natural Resources, Commission on Water Resource Management, records; University of Hawaii at Manoa, School of Ocean and Earth Science and Technology, Department of Meteorology, records.

**Table 5.46-- TRADE WINDS, HIGH SURF, AND TEMPERATURES
IN HAWAIIAN WATERS, BY MONTH**

| Month | Trade wind frequency 1/ (percent) | Expected days of strong trade winds 2/ | Highest surf 3/ (average number of days) | | Water temperature 4/ (°F) | |
|--------|--------------------------------------|--|--|----------------|------------------------------|--------------|
| | | | Flat or 1 foot | 6 feet or more | Mean maximum | Mean minimum |
| Jan. | 42 | 9 | 1 | 19 | 74.7 | 71.1 |
| Feb. | 55 | 7 | 1 | 16 | 75.6 | 70.3 |
| March | 61 | 10 | 1 | 12 | 76.5 | 71.8 |
| April | 74 | 10 | 3 | 7 | 77.7 | 73.0 |
| May | 86 | 7 | 8 | 3 | 79.5 | 74.7 |
| June | 91 | 7 | 15 | - | 81.1 | 77.7 |
| July | 95 | 10 | 16 | - | 81.1 | 78.3 |
| Aug. | 94 | 7 | 15 | - | 81.9 | 79.2 |
| Sept. | 83 | 4 | 10 | 2 | 81.9 | 78.4 |
| Oct. | 71 | 4 | 1 | 12 | 81.1 | 77.2 |
| Nov. | 64 | 8 | - | 19 | 79.3 | 74.5 |
| Dec. | 57 | 9 | - | 20 | 75.9 | 71.4 |
| Annual | 73 | 92 | 71 | 110 | 78.6 | 74.8 |

1/ Mean monthly frequency of trade winds in Hawaiian waters.

2/ Expected number of hazardous days in Hawaiian waters due to strong trade winds.

3/ Observations at Sunset Beach, Oahu. Annual averages were: flat or 1 foot, 71 days; 2-5 feet, 184 days; 6-10 feet, 71 days; 11-15 feet, 26 days; 16 feet or higher, 13 days.

4/ Observations at Kaneohe, Oahu. The mean ranged from 73.0 in January and February to 80.2 in August. Absolute maximums and minimums were respectively 84 (in July, August, and October) and 68 (December and February).

Source: Paul Haraguchi, *Weather in Hawaiian Waters* (Honolulu: Pacific Weather, Inc., 1979), pp. 14, 22, 56, and 74; Hawaii State Department of Land and Natural Resources, Commission on Water Resource Management, data provided February 14, 1995.

**Table 5.47-- SUNRISE, SUNSET, AND HOURS OF DAYLIGHT AT
SELECTED LOCATIONS, AT BEGINNING OF EACH SEASON: 2008**

[Based on Hawaii-Aleutian Standard Time which is 10 hours less than Universal Time Coordinated (UTC), the international standard for civil time]

| Subject | Hilo | Kahului | Honolulu | Lihue |
|---------------------------|-------------|----------------|-----------------|--------------|
| Sunrise (a.m.) | | | | |
| March 19 | 6:25 | 6:30 | 6:36 | 6:42 |
| June 20 | 5:42 | 5:46 | 5:50 | 5:55 |
| Sept. 22 | 6:09 | 6:15 | 6:20 | 6:26 |
| Dec. 21 | 6:51 | 6:58 | 7:05 | 7:12 |
| Sunset (p.m.) | | | | |
| March 19 | 6:31 | 6:37 | 6:42 | 6:49 |
| June 20 | 7:02 | 7:10 | 7:16 | 7:24 |
| Sept. 22 | 6:16 | 6:21 | 6:27 | 6:33 |
| Dec. 21 | 5:47 | 5:50 | 5:55 | 6:00 |
| Daylight (hours, minutes) | | | | |
| March 19 | 12, 06 | 12, 07 | 12, 06 | 12, 07 |
| June 20 | 13, 20 | 13, 24 | 13, 26 | 13, 29 |
| Sept. 22 | 12, 07 | 12, 06 | 12, 07 | 12, 07 |
| Dec. 21 | 10, 56 | 10, 52 | 10, 50 | 10, 48 |

Source: U.S. Naval Observatory, Astronomical Applications Department
<<http://aa.usno.navy.mil/data/docs/EarthSeasons.php>> and
<http://aa.usno.navy.mil/data/docs/RS_OneYear.php> accessed November 5, 2007;
calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 5.48-- SUNRISE, SUNSET, AND HOURS OF DAYLIGHT AT
SELECTED LOCATIONS, AT BEGINNING OF EACH SEASON: 2009**

[Based on Hawaii-Aleutian Standard Time which is 10 hours less than Universal Time Coordinated (UTC), the international standard for civil time]

| Subject | Hilo | Kahului | Honolulu | Lihue |
|---------------------------|-------------|----------------|-----------------|--------------|
| Sunrise (a.m.) | | | | |
| March 20 | 6:24 | 6:30 | 6:35 | 6:41 |
| June 20 | 5:42 | 5:46 | 5:50 | 5:55 |
| Sept. 22 | 6:09 | 6:15 | 6:20 | 6:26 |
| Dec. 21 | 6:50 | 6:58 | 7:05 | 7:12 |
| Sunset (p.m.) | | | | |
| March 20 | 6:32 | 6:37 | 6:43 | 6:49 |
| June 20 | 7:02 | 7:10 | 7:16 | 7:23 |
| Sept. 22 | 6:16 | 6:22 | 6:27 | 6:33 |
| Dec. 21 | 5:47 | 5:50 | 5:55 | 6:00 |
| Daylight (hours, minutes) | | | | |
| March 20 | 12, 08 | 12, 07 | 12, 08 | 12, 08 |
| June 20 | 13, 20 | 13, 24 | 13, 26 | 13, 28 |
| Sept. 22 | 12, 07 | 12, 07 | 12, 07 | 12, 07 |
| Dec. 21 | 10, 57 | 10, 52 | 10, 50 | 10, 48 |

Source: U.S. Naval Observatory, Astronomical Applications Department
<<http://aa.usno.navy.mil/data/docs/EarthSeasons.php>> and
<http://aa.usno.navy.mil/data/docs/RS_OneYear.php> accessed November 5, 2007;
calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 5.49-- HAWAII AUDUBON SOCIETY BIRD COUNTS OF MAJOR SPECIES IN THE HONOLULU AREA: 2002 TO 2006

[Counts are made in late December at various locations between Hawaii Kai and Aiea, and between Waimanalo and Kaneohe. Annual changes reflect differences in numbers of bird counters and counting time in the field, as well as changes in bird populations. Totals by species are also affected by the types of habitats studied]

| Species | 2002 | 2003 | 2004 | 2005 | 2006 |
|---------------------------|-------|-------|-------|-------|--------|
| Endemic species: 1/ | | | | | |
| 'Apapane | 30 | 21 | - | 6 | 2 |
| Hawaiian Moorhen 2/ | 6 | 29 | 24 | 22 | 9 |
| Hawaiian Stilt 2/ | 146 | 159 | 175 | 134 | 168 |
| Oahu 'Amakihi | 71 | 96 | 3/ 21 | 40 | 28 |
| Oahu 'Elepaio | 15 | 15 | 3 | 6 | 4 |
| Indigenous species: 4/ | | | | | |
| Black-crowned Night Heron | 61 | 35 | 66 | 39 | 51 |
| Brown Booby | 7 | 15 | 7 | - | 14 |
| Great Frigatebird | 212 | 17 | 17 | 115 | 39 |
| Laysan Albatross | 6 | 2 | - | - | 1 |
| Red-footed Booby | 1,138 | 517 | 996 | 829 | 3/ 267 |
| White Tern | 3 | 1 | 6 | (5/) | 6/ 28 |
| Alien species: 7/ | | | | | |
| Cattle Egret | 253 | 149 | 189 | 102 | 106 |
| Common Myna | 2,600 | 1,015 | 1,435 | 703 | 861 |
| Common Waxbill | 862 | 297 | 553 | 428 | 672 |
| House Finch | 874 | 117 | 323 | 108 | 191 |
| House Sparrow | 463 | 170 | 296 | 140 | 173 |
| Japanese White-eye | 938 | 298 | 284 | 196 | 266 |
| Java Sparrow | 1,121 | 506 | 909 | 556 | 553 |
| Northern Cardinal | 105 | 56 | 92 | 26 | 28 |
| Nutmeg Mannikin | 103 | 11 | 97 | 9 | 70 |
| Red-billed Leiothrix | 192 | 123 | 85 | 97 | 68 |
| Red-crested Cardinal | 218 | 180 | 225 | 111 | 141 |
| Red-vented Bulbul | 2,270 | 551 | 524 | 338 | 401 |
| Red-whiskered Bulbul | 226 | 178 | 122 | 123 | 83 |
| Rock Dove | 327 | 304 | 268 | 198 | 206 |
| Spotted Dove | 1,930 | 636 | 717 | 313 | 536 |
| White-rumped Shama | 116 | 72 | 41 | 27 | 34 |
| Yellow-fronted Canary | 37 | 10 | 18 | 18 | 7 |
| Zebra Dove | 3,894 | 1,176 | 1,902 | 1,054 | 1,195 |
| Visitor species: 8/ | | | | | |
| Mallard | 99 | 156 | 74 | 50 | 46 |
| Pacific Golden-Plover | 1,585 | 788 | 978 | 859 | 682 |
| Ruddy Turnstone | 330 | 232 | 336 | 199 | 214 |
| Sanderling | 4 | 10 | 10 | 4 | 7 |
| Wandering Tattler | 27 | 38 | 30 | 16 | 28 |

Continued on next page.

Table 5.49-- HAWAII AUDUBON SOCIETY BIRD COUNTS OF MAJOR SPECIES IN THE HONOLULU AREA: 2002 TO 2006 -- Con.

- 1/ Birds peculiar to Hawaii, and found nowhere else.
- 2/ Endangered species.
- 3/ Low count.
- 4/ Native to Hawaii, but also found elsewhere.
- 5/ Reported in the area during count week, but not reported during the count .
- 6/ High count.
- 7/ Formerly termed "introduced". Includes accidental escapes from captivity.
- 8/ Formerly termed "migratory". Includes stragglers and seasonal migrants.

Source: Hawaii Audubon Society, *'Elepaio*, Volume 63, Number 5, "Christmas Bird Count No. 103: Hawai'i/Pacific Islands 2002 - 2003", June/July 2003; Volume 64, Number 9, "Results of 2003-2004 Christmas Bird Count - Main Hawaiian Islands", December 2004/January 2005; Volume 65, Number 5, "Results of 2004-2005 Christmas Bird Count - Main Hawaiian Islands", June/July 2005; Volume 66, Number 6, "Results of the 2005 - 2006 Christmas Bird Count", August/September 2006; Volume 67, Number 5, "Results of Audubon's 107th Annual Christmas Bird Count", June/July 2007; <<http://www.hawaiiudubon.com/newsletter.html>> accessed October 30, 2007.

Table 5.50-- HAWAII AUDUBON SOCIETY BIRD COUNTS IN THE HONOLULU AREA, BY TYPE OF SPECIES: 1999 TO 2002

[Counts are made in late December of various locations between Hawaii Kai and Aiea, and between Waimanalo and Kaneohe. Annual changes reflect differences in numbers of bird counters and counting time in the field, as well as changes in bird populations. Totals by species are also affected by the types of habitats studied]

| Type of species | Number of species | | | | Number of individuals | | | |
|-----------------|-------------------|------|------|------|-----------------------|--------|--------|--------|
| | 1999 | 2000 | 2001 | 2002 | 1999 | 2000 | 2001 | 2002 |
| All species | 49 | 46 | 52 | 53 | 17,343 | 14,840 | 16,990 | 20,458 |
| Endemic | 6 | 7 | 8 | 7 | 259 | 217 | 367 | 279 |
| Indigenous | 8 | 7 | 6 | 8 | 1,108 | 943 | 1,232 | 1,453 |
| Alien | 30 | 27 | 27 | 30 | 14,754 | 12,351 | 13,733 | 16,678 |
| Visitor | 5 | 5 | 11 | 8 | 1,222 | 1,329 | 1,658 | 2,048 |

Source: Hawaii Audubon Society, 'Elepaio (monthly), and records.

Table 5.51-- BIRD SPECIES OF HAWAII: 2002

| Type of species | Number |
|---|--------|
| All species | 1/ 333 |
| Resident native; normally does not leave the islands | 78 |
| Alien, introduced; resident, does not leave the islands | 58 |
| Breeding in Hawaii; most individuals leave Hawaii when not breeding | 13 |
| Visitor; breeds elsewhere, occurs in Hawaii when not breeding | 184 |
| Endangered (or threatened); on the Federal List of Endangered Species | 32 |

1/ Includes double counts for mallard and eurasian skylark, that were classified as alien and visitor.

Source: Hawaii Audubon Society, 'Elepaio, Volume 65, Number 5, "Checklist of the Birds of Hawaii - 2002", updated to March 31, 2005 <<http://www.hawaii-audubon.com/newsletter.html>> accessed October 24, 2005.

**Table 5.52-- TREES ALONG STREETS OR IN PARKS UNDER THE
JURISDICTION OF THE CITY AND COUNTY OF HONOLULU:
2002 to 2007**

[As of June 30]

| Location | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|
| Along City and County streets and highways 1/ | 135,712 | 142,915 | 142,837 | 141,999 | 141,480 | 140,765 |
| In City and County parks | 102,380 | 95,276 | 95,224 | 94,666 | 94,230 | 93,184 |

1/ Excludes Federal, State, and private thoroughfares.

Source: City and County of Honolulu, Department of Parks and Recreation, Horticulture and Botanical Service, records.

Table 5.53-- ESTIMATED NUMBER OF SPECIES IN HAWAII: 2000 TO 2006

[Excludes viruses and bacteria]

| Category | Species | | | |
|--|---------|--------|--------|--------|
| | 2000 | 2002 | 2005 | 2006 |
| Total in Hawaii and surrounding waters | 23,680 | 25,615 | 27,573 | 26,608 |
| Endemic to Hawaii | 9,456 | 9,975 | 8,763 | 8,762 |
| Nonindigenous protists, fungi, plants, and animals | 5,073 | 5,175 | 5,281 | 5,311 |

Source: L. G. Eldredge and N. L. Evenhuis, "Numbers of Hawaiian Species For 2000", *Bishop Museum Occasional Papers* 68 (2002) 71-78; L. G. Eldredge and N. L. Evenhuis, "Hawaii's Biodiversity: A Detailed Assessment of the Numbers of Species in the Hawaiian Islands". *Bishop Museum Occasional Papers* 76 (2003): 1-28; L. G. Eldredge, *Bishop Museum Occasional Papers* 88 (2006): 62-78.

Table 5.54-- THREATENED AND ENDANGERED SPECIES, FOR THE UNITED STATES AND HAWAII

[As of November 6, 2007]

| Group | United States | Hawaii |
|---------------------|----------------------|---------------|
| Animal species | 863 | 98 |
| Amphibians | 36 | - |
| Arachnids | 13 | 1 |
| Birds | 126 | 35 |
| Clams | 118 | - |
| Corals | 2 | - |
| Crustaceans | 30 | 7 |
| Fishes | 176 | - |
| Insects | 95 | 23 |
| Mammals | 116 | 3 |
| Reptiles | 48 | 4 |
| Snails | 103 | 25 |
| Plant species | 903 | 359 |
| Conifers and cycads | 3 | - |
| Ferns and allies | 31 | 16 |
| Flowering plants | 867 | 343 |
| Lichens | 2 | - |

Source: U.S. Fish & Wildlife Service, Threatened and Endangered Species System (TESS)
 <http://ecos.fws.gov/tess_public/StartTESS.do> accessed November 6, 2007

Section 6

LAND USE AND OWNERSHIP

General statistics on the use, ownership, and tenure of land appear in this section. Information on specific use or ownership categories is given elsewhere: parks in Section 7, military land in Section 10, agriculture in Section 19, forests in Section 20, sugar cane land in Section 22, and foreign ownership on Section 24.

Considerable caution is necessary in comparing statistics from different sources on land use, ownership, or tenure. Variations in definitions and survey dates seriously affect comparability in many instances, even where terminology is relatively unambiguous and misinterpretation seems unlikely.

Tabulations by the U.S. Department of Agriculture, U.S. General Services Administration, Hawaii State Department of Hawaiian Home Lands, Hawaii State Department of Land and Natural Resources, Hawaii State Department of Business, Economic Development & Tourism and its Land Use Commission, City and County of Honolulu Budget and Fiscal Services Department, and City and County of Honolulu Planning Research Branch provided the data for this section. *Historical Statistics of Hawaii*, Section 12, contains limited information for earlier years. National data on land use are available in Sections 6, 17, and 26 of the *Statistical Abstract of the United States: 2008*.

Table
Number **Table Name**

(Click on the table number to go to corresponding table)

Narrative

| | |
|-----------------------|---|
| 06.01 | Land Ownership, Cover, or Use: 1982 to 1997 |
| 06.02 | Land Use and Structural Characteristics of Oahu: 1994 and 1998 |
| 06.03 | Estimated Acreage of Land Use Districts: 1969 to 2006 |
| 06.04 | Estimated Acreage of Land Use Districts, by Island: December 31, 2006 |
| 06.05 | Number of Land Records, by County: 1991 to 2008 |
| 06.06 | Real Property Tax Exemptions for Cemeteries, Churches, Hospitals and Schools, by County: 2008 |
| 06.07 | Land Owned in Fee Simple, by Selected Large Landowner: 2000 to 2003 |
| 06.08 | Real Property Owned by or Leased to the Federal Government: 2003 to 2006 |
| 06.09 | Department of Hawaiian Home Lands Acreage, Lessees, and Applicants, by Island: 2006 and 2007 |
| 06.10 | State Public and Set-Aside Land Inventory, by County: January 10, 1999 |

Table 6.01-- LAND OWNERSHIP, COVER, OR USE: 1982 TO 1997

[In thousands of acres. Based on sample data and subject to sampling variation. Small differences between reported values accordingly may not be statistically significant]

| Land ownership, cover, or use | 1982 | 1987 | 1992 | 1997 1/ |
|------------------------------------|---------|---------|---------|---------|
| Total surface area | 4,158.4 | 4,158.4 | 4,158.4 | 4,158.4 |
| Land ownership | | | | |
| Federal land 2/ | 321.5 | 388.0 | 389.7 | 361.2 |
| Water area | 52.5 | 52.6 | 52.4 | 52.4 |
| Nonfederal land | 3,784.4 | 3,717.8 | 3,716.3 | 3,744.8 |
| Developed | 149.2 | 153.1 | 172.9 | 179.7 |
| Rural | 3,635.2 | 3,564.7 | 3,543.4 | 3,565.1 |
| Land cover or use 3/ | | | | |
| Nonfederal rural land | 3,635.2 | 3,564.7 | 3,543.4 | 3,565.1 |
| Cropland | 303.1 | 294.7 | 274.4 | 246.3 |
| Cultivated | 268.2 | 252.6 | 228.6 | 198.0 |
| Irrigated | 169.2 | 162.9 | 134.7 | 101.6 |
| Nonirrigated | 99.0 | 89.7 | 93.9 | 96.4 |
| Noncultivated | 34.9 | 42.1 | 45.8 | 48.3 |
| Irrigated | 8.6 | 11.0 | 23.9 | 21.8 |
| Nonirrigated | 26.3 | 31.1 | 21.9 | 26.5 |
| Conservation Reserve Prog. land 4/ | - | - | - | - |
| Pastureland | 41.0 | 33.8 | 36.1 | 35.9 |
| Rangeland | 1,006.1 | 996.4 | 1,011.7 | 1,008.7 |
| Forest land | 1,663.2 | 1,633.6 | 1,621.3 | 1,635.2 |
| Other rural land | 621.8 | 606.2 | 599.9 | 639.0 |
| Prime farmland, by cover or use 5/ | | | | |
| Total rural land | 269.7 | 257.9 | 248.8 | 249.1 |
| Cropland | 185.9 | 180.6 | 169.6 | 150.0 |
| Conservation Reserve Prog. land 4/ | - | - | - | - |
| Pastureland | 19.5 | 15.0 | 15.6 | 15.5 |
| Rangeland | 38.1 | 37.4 | 36.6 | 43.6 |
| Forest land | 25.1 | 23.4 | 24.3 | 25.1 |
| Other rural land | 1.1 | 1.5 | 2.7 | 14.9 |

1/ Annual NRI surveys were conducted in 2001, 2002 and 2003 but only covered the 48 contiguous states. Future estimates will also cover Hawaii, Alaska, the Caribbean, and selected Pacific Basin islands. See the National Resources Inventory 2003 Annual NRI <<http://www.nrcs.usda.gov/technical/land/nri03/nri03landuse-mrb.html>> for discussion.

2/ Includes ceded land; excludes leased land and submerged land.

3/ Land cover is the vegetation or other kind of material that covers the land surface. Land use is the purpose of human activity on the land; it is usually, but not always, related to land cover. The NRI uses the term land cover/use to identify categories that account for all the surface area of the United States.

4/ Land under a federal program established under the Food Security Act of 1985 to assist private landowners to convert highly erodible cropland to vegetative cover for 10 years.

5/ Prime farmland has the best combination of physical and chemical characteristics for producing food, feed, forage, fiber, and oilseed crops and is also available for these uses.

Source: U.S. Department of Agriculture, Natural Resources Conservation Service (formerly the Soil Conservation Service), *1997 National Resources Inventory* (revised December 2000)

<http://www.nrcs.usda.gov/technical/NRI/1997/summary_report> accessed June 5, 2006.

**Table 6.02-- LAND USE AND STRUCTURAL CHARACTERISTICS OF OAHU:
1994 AND 1998**

| Subject | June 1994: Oahu total | June 1998 | | |
|------------------------------------|--------------------------|------------|-------------------|--------------|
| | | Oahu total | Honolulu district | Rest of Oahu |
| LAND USE (IN ACRES) | | | | |
| All existing uses | 375,146 | 374,870 | 54,125 | 320,745 |
| Residential | 31,110 | 32,110 | 9,913 | 22,197 |
| Industrial | 8,658 | 9,571 | 3,790 | 5,781 |
| Commercial | 4,177 | 4,277 | 1,543 | 2,734 |
| Hotel | 319 | 315 | 128 | 187 |
| Agriculture | 70,400 | 56,954 | 300 | 56,654 |
| Usable vacant | 38,632 | 48,084 | 2,449 | 45,635 |
| Other | 221,851 | 223,559 | 36,002 | 187,557 |
| STRUCTURES BY YEAR BUILT 1/ | | | | |
| All structures | 160,693 | 165,783 | 64,351 | 101,432 |
| Before 1930 | 6,777 | 6,337 | 4,977 | 1,360 |
| 1930 to 1939 | 8,537 | 8,225 | 5,266 | 2,959 |
| 1940 to 1949 | 14,477 | 14,087 | 8,145 | 5,942 |
| 1950 to 1959 | 29,516 | 29,109 | 13,961 | 15,148 |
| 1960 to 1969 | 40,846 | 40,581 | 15,305 | 25,276 |
| 1970 to 1979 | 28,324 | 28,247 | 8,122 | 20,125 |
| 1980 to 1989 | 20,244 | 20,197 | 5,215 | 14,982 |
| 1990 and later | 11,972 | 19,000 | 3,360 | 15,640 |
| DWELLING UNITS BY TYPE 1/ | | | | |
| All dwelling units | 280,846 | 291,999 | 153,035 | 138,964 |
| Single family and duplex | 148,850 | 153,609 | 58,002 | 95,607 |
| Low density multi-family | 20,639 | 23,797 | 1,392 | 22,405 |
| High density multi-family | 111,357 | 114,593 | 93,641 | 20,952 |

1/ Data exclude structures on military bases.

Source: City and County of Honolulu, Planning Information Branch, records.

**Table 6.03-- ESTIMATED ACREAGE OF LAND USE DISTRICTS:
1969 TO 2006**

[Total acreage, including inland water, as classified by the Hawaii State Land Use Commission under the provisions of Chapter 205, Hawaii Revised Statutes, as amended. All data are approximate]

| Year and month | Total area 1/ | Classification by State Land Use Commission 2/ | | | |
|-------------------|---------------|--|--------------|--------------|--------|
| | | Urban | Conservation | Agricultural | Rural |
| UNADJUSTED 3/ | | | | | |
| 1969: August | 4,111,500 | 140,163 | 2,009,087 | 1,955,875 | 6,375 |
| 1974: March | 4,111,500 | 147,472 | 1,986,429 | 1,968,727 | 8,872 |
| 1978: December | 4,111,500 | 151,929 | 1,976,106 | 1,974,230 | 9,235 |
| 1983: December | 4,112,388 | 156,568 | 1,975,473 | 1,970,146 | 10,201 |
| 1984: December | 4,112,388 | 158,620 | 1,969,351 | 1,974,236 | 10,181 |
| 1985: December | 4,112,388 | 163,211 | 1,968,804 | 1,970,189 | 10,184 |
| 1986: December | 4,112,388 | 165,165 | 1,967,638 | 1,969,401 | 10,184 |
| 1987: December | 4,112,388 | 166,507 | 1,967,168 | 1,968,524 | 10,189 |
| ADJUSTED 3/ | | | | | |
| 1987: December | 4,112,388 | 165,607 | 1,967,247 | 1,969,345 | 10,189 |
| 1988: December | 4,112,388 | 171,230 | 1,967,194 | 1,963,766 | 10,198 |
| 1989: December | 4,112,388 | 175,285 | 1,960,976 | 1,965,935 | 10,192 |
| 1990: December | 4,112,388 | 178,114 | 1,960,608 | 1,963,491 | 10,175 |
| 1991: December | 4,112,388 | 181,407 | 1,959,621 | 1,961,294 | 10,066 |
| 1992: December | 4,112,388 | 180,912 | 1,960,615 | 1,960,795 | 10,066 |
| 1993: December | 4,112,388 | 187,697 | 1,958,897 | 1,955,704 | 10,090 |
| 1994: December | 4,112,388 | 189,418 | 1,974,549 | 1,938,505 | 9,916 |
| 1995: December | 4,112,388 | 190,257 | 1,976,016 | 1,936,197 | 9,918 |
| 1996: December | 4,112,388 | 191,941 | 1,974,994 | 1,935,526 | 9,927 |
| 1997: December | 4,112,388 | 192,158 | 1,974,994 | 1,935,305 | 9,931 |
| 1998: December | 4,112,388 | 193,001 | 1,974,994 | 1,934,423 | 9,970 |
| 1999: December | 4,112,388 | 194,592 | 1,974,994 | 1,932,792 | 10,010 |
| 2000: December | 4,112,388 | 193,308 | 1,976,004 | 1,933,066 | 10,010 |
| 2001: December | 4,112,388 | 194,556 | 1,974,106 | 1,933,687 | 10,039 |
| 2002: December | 4,112,388 | 195,495 | 1,973,973 | 1,932,862 | 10,058 |
| 2003: December | 4,112,388 | 196,215 | 1,973,636 | 1,932,429 | 10,108 |
| 2004: December | 4,112,388 | 196,991 | 1,973,636 | 1,931,378 | 10,383 |
| 2005: December 4/ | 4,112,388 | 197,085 | 1,973,636 | 1,930,797 | 10,870 |
| 2006: December 4/ | 4,112,388 | 197,663 | 1,973,631 | 1,930,224 | 10,870 |

1/ These totals differ somewhat from the official figures based on measurements by the Geography Division of the U.S. Bureau of the Census, cited in Section 5. The increase in the 1983 total area reflects additions to the Urban District on Oahu at Honolulu International Airport (Reef runway and South Ramp refill) created from former submerged lands.

2/ For definitions, see Hawaii Revised Statutes, Section 205-2.

3/ For changes in classification resulting from court decisions on past Commission actions.

4/ May be revised, pending updates of County records.

Source: Hawaii State Department of Business, Economic Development & Tourism, Land Use Commission, records.

**Table 6.04-- ESTIMATED ACREAGE OF LAND USE DISTRICTS,
BY ISLAND: DECEMBER 31, 2006**

[Total acreage, including inland water, as classified by the Hawaii State Land Use Commission under the provisions of Chapter 205, Hawaii Revised Statutes, as amended. All data are approximate]

| Island | Total area 1/ | Classification by State Land Use Commission 2/ | | | |
|------------------|---------------|--|--------------|--------------|--------|
| | | Urban | Conservation | Agricultural | Rural |
| State total | 4,112,388 | 197,663 | 1,973,631 | 1,930,224 | 10,870 |
| Hawaii 3/ | 2,573,400 | 53,722 | 1,304,347 | 1,214,040 | 1,291 |
| Maui | 465,800 | 22,823 | 194,836 | 244,088 | 4,053 |
| Kahoolawe | 28,800 | - | 28,800 | - | - |
| Lanai | 90,500 | 3,257 | 38,197 | 46,639 | 2,407 |
| Molokai | 165,800 | 2,539 | 49,768 | 111,627 | 1,866 |
| Oahu 3/ | 386,188 | 100,764 | 156,614 | 128,810 | - |
| Kauai | 353,900 | 14,558 | 198,769 | 139,320 | 1,253 |
| Niihau | 45,700 | - | - | 45,700 | - |
| Kaula and Lehua | 400 | - | 400 | - | - |
| Other islands 4/ | 1,900 | - | 1,900 | - | - |

1/ These totals differ somewhat from the official figures based on measurements by the Geography Division of the U.S. Bureau of the Census, cited in Section 5.

2/ For definitions, see Hawaii Revised Statutes, Section 205-2.

3/ May be revised, pending updates of County records.

4/ The Northwestern Hawaiian Islands, from Nihoa to Kure Atoll, excluding Midway.

Source: Hawaii State Department of Business, Economic Development & Tourism, Land Use Commission, records.

Table 6.05-- NUMBER OF LAND RECORDS, BY COUNTY: 1991 TO 2008

[For fiscal year ending June 30. Records include taxable, multi-use parcels]

| Year | State total | City and County of Honolulu | County of Maui | County of Hawaii | County of Kauai |
|------|-------------|-----------------------------|----------------|------------------|-----------------|
| 1991 | 426,392 | 224,880 | 51,585 | 125,779 | 24,148 |
| 1992 | 433,618 | 228,025 | 52,997 | 127,379 | 25,217 |
| 1993 | 441,747 | 233,464 | 54,039 | 128,337 | 25,907 |
| 1994 | 449,744 | 237,815 | 55,994 | 129,434 | 26,501 |
| 1995 | 456,003 | 242,285 | 56,726 | 129,856 | 27,136 |
| 1996 | 463,137 | 246,933 | 57,665 | 130,623 | 27,916 |
| 1997 | 471,212 | 251,731 | 58,624 | 131,981 | 28,876 |
| 1998 | 475,122 | 253,886 | 59,505 | 132,605 | 29,126 |
| 1999 | 478,737 | 255,589 | 60,490 | 133,322 | 29,336 |
| 2000 | 483,879 | 258,121 | 61,897 | 134,308 | 29,553 |
| 2001 | 487,646 | 259,456 | 62,873 | 135,499 | 29,818 |
| 2002 | (NA) | 260,662 | (NA) | (NA) | 30,097 |
| 2003 | 474,660 | 252,435 | 60,472 | 133,321 | 28,432 |
| 2004 | 478,628 | 255,029 | 60,537 | 134,290 | 28,772 |
| 2005 | 482,645 | 258,415 | 61,273 | 134,021 | 28,936 |
| 2006 | 489,308 | 262,479 | 62,521 | 134,885 | 29,423 |
| 2007 | 500,481 | 268,441 | 64,597 | 136,612 | 30,831 |
| 2008 | 507,900 | 271,859 | 65,938 | 138,281 | 31,822 |

NA Not available.

Source: City and County of Honolulu, Department of Budget & Fiscal Services, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates, & Exemptions Tax Year, State of Hawaii* (annual) and <<http://www.co.honolulu.hi.us/rpa/staterpt/index1.htm>> accessed October 16, 2007; and earlier reports, and earlier reports as the Department of Finance.

**Table 6.06-- REAL PROPERTY TAX EXEMPTIONS FOR CEMETERIES,
CHURCHES, HOSPITALS AND SCHOOLS, BY COUNTY: 2008**

[For fiscal year ending June 30]

| Category | Cemeteries | Churches | Hospitals | Schools |
|---------------------|------------|-----------|-----------|-----------|
| NUMBER | | | | |
| State total | 110 | 1,484 | 100 | 184 |
| Honolulu | 44 | 823 | 82 | 116 |
| Maui | 8 | 231 | 12 | 11 |
| Hawaii | 46 | 288 | 2 | 54 |
| Kauai | 12 | 142 | 4 | 3 |
| AMOUNT (\$1,000) | | | | |
| State total | 64,540 | 2,305,574 | 707,868 | 1,018,413 |
| Honolulu | 48,841 | 1,682,505 | 638,044 | 842,708 |
| Maui | 1,395 | 319,204 | 40,981 | 80,202 |
| Hawaii | 4,964 | 156,245 | 14,709 | 72,996 |
| Kauai | 9,340 | 147,620 | 14,134 | 22,507 |

Source: City and County of Honolulu, Department of Budget and Fiscal Services, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates & Exemptions, 2007-2008 Tax Year, State of Hawaii* (August 2007) and <http://www.co.honolulu.hi.us/rpa/staterpt/06_ex.pdf> accessed October 16, 2007.

**Table 6.07-- LAND OWNED IN FEE SIMPLE, BY SELECTED LARGE
LANDOWNER: 2000 TO 2003**

[In acres. Unless otherwise specified, as of December 31]

| Landowner | 2000 | 2001 | 2002 | 2003 |
|-------------------------------|-------------|-------------|-------------|-------------|
| Eight large landowners | 976,393 | 971,977 | 953,907 | 822,606 |
| Percent of total land area 1/ | 23.8 | 23.6 | 23.2 | 20.0 |
| Kamehameha Schools 2/ | 366,042 | 366,458 | 365,794 | 365,760 |
| Parker Ranch | 136,332 | 136,686 | 135,312 | 134,446 |
| Castle & Cooke, Inc. | 95,200 | 94,973 | 94,760 | 94,737 |
| Dole Food Company, Inc. | 28,515 | 28,512 | 28,507 | 28,472 |
| Samuel M. Damon Estate | 121,360 | 121,360 | 121,357 | 3/ 5,336 |
| Alexander and Baldwin, Inc. | 90,800 | 90,600 | 90,600 | 90,000 |
| C. Brewer and Company, Ltd. | 75,744 | 71,188 | 55,377 | 44,210 |
| James Campbell Estate | 62,400 | 62,200 | 62,200 | 59,645 |

1/ Based on area of 4,110,966 acres.

2/ Formerly known as Bernice P. Bishop Estate. Data as of July 1.

3/ A significant amount of land was conveyed to various entities in 2003.

Source: Hawaii State Department of Business, Economic Development & Tourism, annual survey of major landowners.

Table 6.08-- REAL PROPERTY OWNED BY OR LEASED TO THE FEDERAL GOVERNMENT: 2003 TO 2006

[As of September 30]

| Subject | 2003 | 2004 | 2005 | 2006 |
|--|-------------|-------------|---------------|------------|
| Total number of buildings | 16,640 | (NA) | (NA) | (NA) |
| Owned | 16,459 | 13,642 | (NA) | (NA) |
| Leased | 181 | (NA) | (NA) | (NA) |
| Total building area (sq. ft.) | 86,478,316 | 75,838,083 | 1/ 59,303,258 | 62,233,723 |
| Owned | 85,728,813 | 74,590,794 | 1/ 59,967,355 | 60,260,524 |
| Leased | 749,503 | 1,247,289 | 1,335,903 | 1,287,802 |
| Otherwise managed | (NA) | (NA) | (NA) | 685,397 |
| Total acres owned by the Federal Gov't | 671,579.8 | 796,725.5 | (NA) | (NA) |
| Public domain 2/ | 270,011.1 | (NA) | (NA) | (NA) |
| Acquired by other methods 3/ | 401,568.7 | (NA) | (NA) | (NA) |
| Acreage of the State of Hawaii | 4,105,600.0 | 4,105,600.0 | (NA) | (NA) |
| Owned by the Federal Gov't (%) | 16.4 | 19.4 | (NA) | (NA) |

NA Not available.

1/ Published components do not add to published sum. Reconciliation with source underway.

2/ Public Domain refers to land the Federal Government owned by virtue of its sovereignty. Public domain includes land that has never left Federal ownership, land acquired by the Federal Government in exchange for other public land, and land reverting to Federal ownership as the result of public land laws.

3/ Includes any land acquired by purchase, condemnation, donation, exchange, and other acquisition methods.

Source: U.S. General Services Administration, *Federal Real Property Profile* (annual), tables 10 and 16; *Ibid. Annual Report 2004 Final*, tables 10 and 16 and *Ibid. Federal Real Property Council's Federal Real Property Report, Executive Summary Report: An Overview of the U.S. Federal Government's Real Property Assets* (annual) <<http://www.gsa.gov/realpropertyprofile>> accessed April 10, 2008.

**Table 6.09-- DEPARTMENT OF HAWAIIAN HOME LANDS ACREAGE,
LESSEES, AND APPLICANTS, BY ISLAND: 2006 AND 2007**

[As of June 30. The Department of Hawaiian Home Lands administers land set aside for the benefit of qualified native Hawaiians, who are eligible to receive homestead leases and financial assistance from the Department]

| Subject | State total | Hawaii | Maui | Lanai | Molokai | Oahu | Kauai |
|---------------------|-------------|---------|--------|-------|---------|--------|--------|
| 2006 | | | | | | | |
| Acreage 1/ | 202,985 | 117,477 | 31,796 | 50 | 25,769 | 7,328 | 20,565 |
| Homestead leases 2/ | 42,843 | 27,356 | 2,609 | 14 | 11,005 | 1,024 | 835 |
| General leases | 15,164 | 12,850 | 491 | - | 1,767 | 55 | 1 |
| Licenses | 37,178 | 16,089 | 7,327 | - | 372 | 319 | 13,071 |
| Others | 107,800 | 61,182 | 21,369 | 36 | 12,625 | 5,930 | 6,658 |
| Homestead leases 2/ | 8,418 | 2,448 | 1,222 | 3 | 841 | 3,221 | 683 |
| Residential | 6,920 | 1,650 | 1,080 | 3 | 392 | 3,161 | 634 |
| Agricultural | 1,100 | 505 | 66 | - | 422 | 60 | 47 |
| Pastoral | 398 | 293 | 76 | - | 27 | - | 2 |
| Applications 2/ | 37,245 | 13,143 | 7,351 | 75 | 1,759 | 11,294 | 3,623 |
| Residential | 19,070 | 5,199 | 3,115 | 75 | 689 | 8,569 | 1,423 |
| Agricultural | 15,569 | 6,249 | 3,764 | - | 897 | 2,725 | 1,934 |
| Pastoral | 2,606 | 1,695 | 472 | - | 173 | - | 266 |
| 2007 | | | | | | | |
| Acreage 1/ | 203,151 | 117,477 | 31,796 | 50 | 25,769 | 7,495 | 20,565 |
| Homestead leases 2/ | 45,566 | 29,885 | 2,645 | 14 | 11,005 | 1,111 | 906 |
| General leases | 14,809 | 12,465 | 512 | - | 1,763 | 68 | 1 |
| Licenses | 24,924 | 16,461 | 7,324 | - | 719 | 313 | 107 |
| Others | 117,852 | 58,666 | 21,315 | 36 | 12,282 | 6,003 | 19,551 |
| Homestead leases 2/ | 9,110 | 2,490 | 1,280 | 23 | 842 | 3,744 | 731 |
| Residential | 7,607 | 1,687 | 1,139 | 23 | 392 | 3,684 | 682 |
| Agricultural | 1,100 | 505 | 65 | - | 423 | 60 | 47 |
| Pastoral | 403 | 298 | 76 | - | 27 | - | 2 |
| Applications 2/ | 38,481 | 13,623 | 7,835 | 61 | 1,812 | 11,424 | 3,726 |
| Residential | 19,420 | 5,401 | 3,311 | 61 | 703 | 8,503 | 1,441 |
| Agricultural | 16,336 | 6,453 | 4,018 | - | 933 | 2,921 | 2,011 |
| Pastoral | 2,725 | 1,769 | 506 | - | 176 | - | 274 |

1/ Acreage rounded to the nearest whole acre.

2/ Residence, agriculture, or pasture. Since applicants may apply for two types of leases, duplications occur. The Department estimates that 2006 and 2007 Statewide applications of 37,245 and 38,481 are held by some 22,893 and 23,668 applicants respectively. Data are subject to audit.

Source: Hawaii State Department of Hawaiian Home Lands, *Annual Report 2006*, pp. 11, 13 and 25; and *Ibid. Annual Report 2007*, pp. 13, 15 and 28 <<http://hawaii.gov/dhhl/publications/annual-reports/>> accessed April 10, 2008.

**Table 6.10-- STATE PUBLIC AND SET-ASIDE LAND INVENTORY,
BY COUNTY: JANUARY 10, 1999**

[In thousands of acres]

| Type of document | State total | City and County of Honolulu | County of Hawaii | County of Kauai | County of Maui |
|--|--------------------|------------------------------------|-------------------------|------------------------|-----------------------|
| Public lands | 397.9 | 19.5 | 296.9 | 38.0 | 43.5 |
| General lease 1/ 2/ | 224.7 | 4.7 | 184.6 | 22.9 | 12.5 |
| Revocable permit 1/ 3/ | 41.5 | 1.3 | 23.2 | 4.4 | 12.6 |
| Unencumbered lands 4/ | 131.7 | 13.5 | 89.1 | 10.7 | 18.4 |
| Lands set aside to other government agencies | 758.0 | 42.9 | 525.1 | 96.6 | 93.4 |
| Executive order 1/ | 255.9 | 13.7 | 199.9 | 23.9 | 18.4 |
| Governor's proclamation | 502.1 | 29.2 | 325.2 | 72.7 | 75.0 |

1/ Acreage may include overlapping encumbrances.

2/ Long-term leases. Mostly agricultural and pasture land. Includes land covered by water licenses not set aside to other government agencies.

3/ Month-to-month leases. Mostly agricultural and pasture land. Includes land licenses.

4/ Parcels with no documents and not in use.

Source: Hawaii State Department of Land and Natural Resources, Land Management Division, records.

Section 7

RECREATION AND TRAVEL

Statistics on tourism, recreation, sports, museums, parks, pets, and the performing arts appear in this section. Additional information on recreational and resort land use is given in Section 6; on transportation, in Section 18; and on hotels and hotel workers, in Sections 12, 13, 15 and 23.

Information on recreation and tourism is issued periodically by the Hawaii State Department of Business, Economic Development and Tourism's, Tourism Research Branch (particularly in its annual research reports) and Research and Economic Analysis Division, the State Parks Division of the Hawaii State Department of Land and Natural Resources, U.S. National Park Service, County park and recreation departments, and other organizations. Long-term trends are summarized in *Historical Statistics of Hawaii*, Section 11. National statistics are given in Section 26 of the *Statistical Abstract of the United States: 2008*.

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Section 7

RECREATION AND TRAVEL

Statistics on tourism, recreation, sports, museums, parks, pets, and the performing arts appear in this section. Additional information on recreational and resort land use is given in Section 6; on transportation, in Section 18; and on hotels and hotel workers, in Sections 12, 13, 15 and 23.

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Table 7.01-- PASSENGERS ARRIVING, BY POINT OF ORIGIN AND TRANSIT STATUS: 1998 TO 2007

[Domestic includes passengers from all flights originating from the mainland United States.
International includes passengers from all flights originating from U.S. territories
and other countries]

| Point of origin and status | 1998 | 1999 | 2000 | 2001 | 2002 |
|-----------------------------------|-------------|-------------|-------------|----------------|-------------|
| All directions | 7,852,500 | 7,980,220 | 8,272,973 | 7,585,952 | 7,628,973 |
| Landing | 7,545,230 | 7,708,206 | 7,981,480 | 7,318,235 | 7,424,621 |
| Intransit | 307,270 | 272,014 | 291,493 | 267,717 | 204,352 |
| Domestic | 5,169,410 | 5,172,404 | 5,448,603 | 5,200,050 | 5,290,418 |
| Landing | 5,033,100 | 5,088,781 | 5,318,419 | 5,071,551 | 5,253,652 |
| Intransit | 136,310 | 83,623 | 130,184 | 128,499 | 36,766 |
| International | 2,683,090 | 2,807,816 | 2,824,370 | 2,385,902 | 2,338,555 |
| Landing | 2,512,130 | 2,619,425 | 2,663,061 | 2,246,684 | 2,170,969 |
| Intransit | 170,960 | 188,391 | 161,309 | 139,218 | 167,586 |
| Point of origin and status | 2003 | 2004 | 2005 | 2006 1/ | 2007 |
| All directions | 7,557,861 | 8,225,648 | 8,840,063 | 9,002,771 | 9,011,456 |
| Landing | 7,438,045 | 8,101,166 | 8,713,112 | 8,890,613 | 8,910,673 |
| Intransit | 119,816 | 124,482 | 126,951 | 112,158 | 100,783 |
| Domestic | 5,462,304 | 5,914,311 | 6,460,134 | 6,746,839 | 6,810,848 |
| Landing | 5,461,554 | 5,911,004 | 6,436,275 | 6,725,760 | 6,791,907 |
| Intransit | 750 | 3,307 | 23,859 | 21,079 | 18,941 |
| International | 2,095,557 | 2,311,337 | 2,379,929 | 2,255,932 | 2,200,608 |
| Landing | 1,976,491 | 2,190,162 | 2,276,837 | 2,164,853 | 2,118,766 |
| Intransit | 119,066 | 121,175 | 103,092 | 91,079 | 81,842 |

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.02-- PASSENGER STATUS OF PARTIES AND PASSENGERS
ARRIVING IN HAWAII, BY POINT OF ORIGIN: 2005 TO 2007**

[Domestic includes passengers from all flights originating from the mainland United States.
International includes passengers from all flights originating from U.S. territories
and other countries]

| Year and point of origin | All types | Visitors to Hawaii | Returning residents | Intended residents |
|---------------------------------|------------------|---------------------------|----------------------------|---------------------------|
| PARTIES 1/ | | | | |
| 2005, total | (NA) | 3,511,308 | 775,942 | (NA) |
| Domestic | 3,382,553 | 2,669,990 | 681,723 | 30,840 |
| International | (NA) | 841,317 | 94,219 | (NA) |
| 2006, total 2/ | (NA) | 3,462,405 | 832,760 | (NA) |
| Domestic 2/ | 3,553,905 | 2,775,063 | 746,438 | 32,404 |
| International 2/ | (NA) | 719,266 | 86,322 | (NA) |
| 2007, total | (NA) | 3,491,666 | 601,189 | (NA) |
| Domestic | 3,331,381 | 2,777,378 | 529,694 | 24,309 |
| International | (NA) | 714,287 | 71,495 | (NA) |
| PASSENGERS | | | | |
| 2005, total | 8,840,063 | 7,416,574 | 1,252,012 | (NA) |
| Domestic | 6,460,134 | 5,313,281 | 1,078,468 | 44,526 |
| International | 2,379,929 | 2,103,293 | 173,544 | (NA) |
| 2006, total 2/ | 8,825,296 | 7,528,106 | 1,362,507 | (NA) |
| Domestic 2/ | 6,772,702 | 5,550,125 | 1,175,635 | 46,942 |
| International 2/ | 2,164,853 | 1,977,981 | 186,872 | (NA) |
| 2007, total | 8,910,672 | 7,496,820 | 1,364,505 | (NA) |
| Domestic | 6,791,906 | 5,582,530 | 1,160,029 | 49,347 |
| International | 2,118,766 | 1,914,290 | 204,476 | (NA) |

NA Not available.

1/ Not surveyed for intransit passengers.

2/ Revised from previous *Data Book*.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.03-- VISITOR ARRIVALS AND AVERAGE DAILY VISITOR CENSUS:
1966 TO 2007**

[Covers visitors staying overnight or longer anywhere in the state, and any overnight or non-overnight interisland trips reported by these visitors. Domestic includes passengers from all flights originating from the mainland United States. International includes passengers from all flights originating from U.S. territories and other countries]

| Year | Visitors staying overnight or longer | | | Average number of visitors present per day | | |
|---------|--------------------------------------|-----------|---------------|--|----------|---------------|
| | Total | Domestic | International | Total | Domestic | International |
| 1966 | 834,732 | 629,564 | 205,168 | 20,900 | 19,271 | 1,629 |
| 1967 | 1,124,012 | 828,849 | 295,163 | 27,610 | 24,898 | 2,712 |
| 1968 | 1,313,706 | 952,821 | 360,885 | 32,314 | 28,784 | 3,530 |
| 1969 | 1,526,074 | 1,121,714 | 404,360 | 37,175 | 33,088 | 4,087 |
| 1970 | 1,745,904 | 1,273,639 | 472,265 | 36,920 | 32,028 | 4,892 |
| 1971 | 1,817,941 | 1,363,081 | 454,860 | 40,866 | 36,504 | 4,362 |
| 1972 | 2,233,627 | 1,682,285 | 551,342 | 49,987 | 45,098 | 4,889 |
| 1973 | 2,622,376 | 1,942,714 | 679,662 | 59,450 | 53,407 | 6,043 |
| 1974 | 2,804,394 | 2,036,203 | 768,191 | 63,772 | 56,939 | 6,833 |
| 1975 | 2,818,082 | 2,028,068 | 790,014 | 66,146 | 59,495 | 6,651 |
| 1976 | 3,213,249 | 2,327,399 | 885,850 | 75,426 | 68,225 | 7,201 |
| 1977 | 3,413,095 | 2,508,472 | 904,623 | 82,737 | 75,684 | 7,053 |
| 1978 | 3,676,967 | 2,766,012 | 910,955 | 92,114 | 85,028 | 7,086 |
| 1979 | 3,966,192 | 2,888,521 | 1,077,671 | 98,745 | 89,678 | 9,067 |
| 1980 | 3,928,789 | 2,793,101 | 1,135,688 | 96,406 | 86,788 | 9,618 |
| 1981 | 3,928,906 | 2,778,566 | 1,150,340 | 95,874 | 85,449 | 10,425 |
| 1982 | 4,227,733 | 3,072,543 | 1,155,189 | 105,075 | 94,740 | 10,335 |
| 1983 | 4,356,317 | 3,219,219 | 1,137,098 | 107,860 | 97,390 | 10,470 |
| 1984 | 4,827,884 | 3,499,419 | 1,328,466 | 118,252 | 106,260 | 11,992 |
| 1985 | 4,843,414 | 3,522,126 | 1,321,288 | 116,107 | 103,820 | 12,287 |
| 1986 | 5,569,067 | 4,063,928 | 1,505,138 | 132,355 | 118,110 | 14,245 |
| 1987 | 5,770,585 | 4,040,204 | 1,730,381 | 133,835 | 116,780 | 17,055 |
| 1988 | 6,101,483 | 4,041,878 | 2,059,605 | 140,798 | 115,760 | 25,038 |
| 1989 1/ | 6,488,422 | 4,339,507 | 2,148,915 | 165,058 | 135,480 | 29,578 |
| 1990 1/ | 6,723,531 | 4,315,161 | 2,408,370 | 154,516 | 113,066 | 41,450 |
| 1991 | 6,518,460 | 4,068,508 | 2,449,952 | 147,323 | 105,686 | 41,637 |
| 1992 1/ | 6,473,669 | 3,791,945 | 2,681,724 | 152,249 | 106,589 | 45,660 |
| 1993 1/ | 6,070,995 | 3,570,059 | 2,500,936 | 147,498 | 100,430 | 47,068 |
| 1994 1/ | 6,364,674 | 3,813,279 | 2,551,395 | 156,630 | 107,904 | 48,726 |
| 1995 1/ | 6,546,759 | 3,743,474 | 2,803,285 | 157,098 | 105,649 | 51,450 |

Continued on next page.

**Table 7.03-- VISITOR ARRIVALS AND AVERAGE DAILY VISITOR CENSUS:
1966 TO 2007 -- Con.**

| Year | Visitors staying overnight or longer | | | Average number of visitors present per day | | |
|---------|--------------------------------------|-----------|---------------|--|----------|---------------|
| | Total | Domestic | International | Total | Domestic | International |
| 1996 1/ | 6,723,141 | 3,794,113 | 2,929,028 | 158,297 | 106,404 | 51,892 |
| 1997 1/ | 6,761,135 | 3,890,798 | 2,870,337 | 157,187 | 108,019 | 49,168 |
| 1998 | 6,595,790 | 4,014,140 | 2,581,650 | 157,388 | 112,068 | 45,320 |
| 1999 | 6,741,037 | 4,255,621 | 2,485,416 | 164,439 | 117,998 | 46,441 |
| 2000 | 6,948,595 | 4,446,936 | 2,501,659 | 168,637 | 123,441 | 45,196 |
| 2001 | 6,303,791 | 4,224,321 | 2,079,470 | 158,247 | 118,106 | 40,141 |
| 2002 | 6,389,058 | 4,358,850 | 2,030,208 | 160,195 | 121,030 | 39,165 |
| 2003 | 6,380,439 | 4,531,289 | 1,849,150 | 161,048 | 123,389 | 37,659 |
| 2004 | 6,912,094 | 4,892,960 | 2,019,134 | 171,481 | 132,355 | 39,126 |
| 2005 | 7,416,574 | 5,313,281 | 2,103,293 | 185,445 | 144,396 | 41,049 |
| 2006 1/ | 7,528,106 | 5,550,125 | 1,977,981 | 189,441 | 149,545 | 39,895 |
| 2007 | 7,496,820 | 5,582,530 | 1,914,290 | 189,412 | 150,960 | 38,452 |

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt>>.

**Table 7.04-- OVERNIGHT AND LONGER VISITORS TO HAWAII:
2006 AND 2007**

[Covers visitors staying overnight or longer anywhere in the state, and any overnight or non-overnight interisland trips reported by these visitors. Domestic includes passengers from all flights originating from the mainland United States. International includes passengers from all flights originating from U.S. territories and other countries]

| Resides in Major Market Areas (MMA) 1/ | 2006 2/ | | | 2007 | | |
|--|-----------|-----------|----------------|-----------|-----------|----------------|
| | Total | Domestic | Inter-national | Total | Domestic | Inter-national |
| All visitors | 7,528,106 | 5,550,125 | 1,977,981 | 7,496,820 | 5,582,530 | 1,914,290 |
| US West MMA 3/ | 3,219,948 | 3,176,842 | 43,106 | 3,244,707 | 3,199,318 | 45,389 |
| US East MMA 4/ | 1,953,316 | 1,910,704 | 42,612 | 1,901,502 | 1,857,734 | 43,768 |
| Japan MMA | 1,362,878 | 9,702 | 1,353,176 | 1,296,421 | 9,174 | 1,287,247 |
| Canada MMA | 280,920 | 91,329 | 189,591 | 333,397 | 135,742 | 197,655 |
| Other Asia MMA 5/ | 117,532 | 43,315 | 74,217 | 121,109 | 42,072 | 79,037 |
| China | 54,924 | 30,843 | 24,081 | 56,584 | 29,439 | 27,145 |
| Hong Kong | 5,266 | 1,658 | 3,608 | 5,549 | 1,778 | 3,771 |
| Korea | 37,912 | 7,681 | 30,231 | 42,141 | 7,980 | 34,161 |
| Singapore | 3,918 | 1,062 | 2,856 | 4,513 | 1,078 | 3,435 |
| Taiwan | 15,513 | 2,072 | 13,441 | 12,322 | 1,797 | 10,525 |
| Oceania MMA 6/ | 135,813 | 33,661 | 102,152 | 164,151 | 40,779 | 123,372 |
| Australia | 117,043 | 28,833 | 88,210 | 145,491 | 35,702 | 109,789 |
| New Zealand | 18,770 | 4,828 | 13,942 | 18,660 | 5,077 | 13,583 |
| Europe MMA 7/ | 106,032 | 94,626 | 11,406 | 108,022 | 94,652 | 13,370 |
| United Kingdom | 57,481 | 49,363 | 8,118 | 57,622 | 47,816 | 9,806 |
| France | 7,575 | 6,758 | 817 | 8,090 | 7,148 | 942 |
| Germany | 26,067 | 24,557 | 1,510 | 26,526 | 25,072 | 1,454 |
| Italy | 8,261 | 7,975 | 286 | 8,795 | 8,269 | 526 |
| Switzerland | 6,649 | 5,974 | 675 | 6,990 | 6,348 | 642 |
| Latin America MMA 8/ | 19,020 | 18,350 | 670 | 19,943 | 19,316 | 627 |
| Argentina | 2,326 | 2,269 | 57 | 2,757 | 2,694 | 63 |
| Brazil | 6,601 | 6,413 | 188 | 7,049 | 6,852 | 197 |
| Mexico | 10,092 | 9,667 | 425 | 10,137 | 9,770 | 367 |
| Other MMA 9/ | 332,647 | 171,596 | 161,051 | 307,568 | 183,743 | 123,825 |

Continued on next page.

**Table 7.04-- OVERNIGHT AND LONGER VISITORS TO HAWAII:
2006 AND 2007 -- Con.**

- 1/ MMA's are geographical areas defined by the Hawaii Tourism Authority for marketing purposes.
- 2/ Revised from previous *Data Book*.
- 3/ Pacific and Mountain States of the United States.
- 4/ All other States in the continental United States not included in U.S. West.
- 5/ Includes China, Hong Kong, Korea (South), Singapore, and Taiwan.
- 6/ Includes Australia and New Zealand.
- 7/ Includes United Kingdom, Germany, France, Italy, and Switzerland.
- 8/ Includes Argentina, Brazil, and Mexico.
- 9/ Includes all countries and districts not listed in other MMAs, including Guam, Puerto Rico, U.S. Virgin Islands, and other U.S. territories.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt/>>.

Table 7.05-- VISITOR DAYS, BY POINT OF ORIGIN: 1993 TO 2007

[Covers visitors staying overnight or longer anywhere in the state, and any overnight or non-overnight interisland trips reported by these visitors. Domestic includes passengers from all flights originating from the mainland United States. International includes passengers from all flights originating from U.S. territories and other countries]

| Year | Total | Domestic | International |
|-------------|--------------|-----------------|----------------------|
| 1993 | 53,836,611 | 36,656,820 | 17,179,791 |
| 1994 | 57,169,825 | 39,384,934 | 17,784,891 |
| 1995 | 57,340,911 | 38,561,739 | 18,779,172 |
| 1996 | 57,936,622 | 38,944,059 | 18,992,563 |
| 1997 | 57,373,493 | 39,427,198 | 17,946,295 |
| 1998 | 57,446,913 | 40,904,938 | 16,541,975 |
| 1999 | 60,020,237 | 43,069,177 | 16,951,060 |
| 2000 | 61,721,150 | 45,179,587 | 16,541,563 |
| 2001 | 57,760,242 | 43,108,798 | 14,651,444 |
| 2002 | 58,471,088 | 44,175,694 | 14,295,394 |
| 2003 | 58,782,699 | 45,036,982 | 13,745,717 |
| 2004 | 62,761,989 | 48,441,764 | 14,320,225 |
| 2005 | 67,687,479 | 52,704,668 | 14,982,811 |
| 2006 1/ | 69,145,854 | 54,584,048 | 14,561,806 |
| 2007 | 69,135,310 | 55,100,441 | 14,034,869 |

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt>>.

**Table 7.06-- AVERAGE DAILY VISITOR CENSUS, BY COUNTY AND ISLAND:
2006 AND 2007**

[Covers visitors staying overnight or longer anywhere in the state, and any overnight or non-overnight interisland trips reported by these visitors. Domestic includes passengers from all flights originating from the mainland United States. International includes passengers from all flights originating from U.S. territories and other countries]

| County or island | 2006 1/ | | | 2007 | | |
|------------------|---------|----------|----------------|---------|----------|----------------|
| | Total | Domestic | Inter-national | Total | Domestic | Inter-national |
| State total | 189,441 | 149,545 | 39,895 | 189,412 | 150,960 | 38,452 |
| Oahu | 89,167 | 59,060 | 30,107 | 88,092 | 59,332 | 28,760 |
| Hawaii County | 28,336 | 24,837 | 3,499 | 27,891 | 24,542 | 3,350 |
| Kauai County | 20,903 | 19,733 | 1,170 | 22,207 | 21,071 | 1,135 |
| Maui County | 51,034 | 45,915 | 5,119 | 51,222 | 46,015 | 5,207 |
| Maui | 49,319 | 44,424 | 4,895 | 49,355 | 44,328 | 5,028 |
| Molokai | 944 | 797 | 147 | 982 | 878 | 104 |
| Lanai | 771 | 694 | 77 | 885 | 810 | 76 |

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt/>>.

Table 7.07-- VISITOR ARRIVALS, DOMESTIC AND INTERNATIONAL, BY AREA VISITED: 2006 AND 2007

[Covers visitors staying overnight or longer anywhere in the state, and any overnight or non-overnight interisland trips reported by these visitors. Domestic includes passengers from all flights originating from the mainland United States. International includes passengers from all flights originating from U.S. territories and other countries]

| Area visited | 2006 1/ | | | 2007 | | |
|------------------|-----------|-----------|----------------|-----------|-----------|----------------|
| | Total | Domestic | Inter-national | Total | Domestic | Inter-national |
| State total 2/ | 7,528,106 | 5,550,125 | 1,977,981 | 7,496,820 | 5,582,530 | 1,914,290 |
| Oahu | 4,688,117 | 2,891,187 | 1,796,930 | 4,694,750 | 2,950,383 | 1,744,367 |
| Kauai | 1,204,132 | 1,089,587 | 114,545 | 1,299,045 | 1,183,490 | 115,555 |
| Maui County 2/ | 2,498,234 | 2,198,555 | 299,679 | 2,522,043 | 2,224,813 | 297,230 |
| Maui | 2,446,590 | 2,153,804 | 292,786 | 2,463,594 | 2,172,682 | 290,913 |
| Molokai | 86,336 | 60,860 | 25,476 | 83,164 | 65,197 | 17,966 |
| Lanai | 94,269 | 72,216 | 22,053 | 100,350 | 81,160 | 19,190 |
| Hawaii County 2/ | 1,614,408 | 1,287,829 | 326,579 | 1,622,359 | 1,305,218 | 317,141 |
| Hilo | 677,992 | 512,022 | 165,970 | 726,892 | 563,663 | 163,229 |
| Kona | 1,358,926 | 1,116,586 | 242,340 | 1,350,401 | 1,121,428 | 228,973 |
| One island only | 5,805,062 | 4,256,302 | 1,548,760 | 5,695,117 | 4,206,591 | 1,488,526 |
| Oahu only | 3,246,467 | 1,859,658 | 1,386,809 | 3,177,434 | 1,842,054 | 1,335,380 |

1/ Revised from previous *Data Book*.

2/ Because many visitors planned to visit more than one area, detail sums to more than the totals and subtotals shown here.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt>>.

Table 7.08-- SUMMARY CHARACTERISTICS OF OVERNIGHT AND LONGER VISITORS, BY POINT OF ORIGIN: 2006 AND 2007

[Covers visitors staying overnight or longer anywhere in the state, and any overnight or non-overnight interisland trips reported by these visitors. Domestic includes passengers from all flights originating from the mainland United States. International includes passengers from all flights originating from U.S. territories and other countries]

| Subject | Total | Domestic | International |
|--------------------------------|-------|----------|---------------|
| 2006 | | | |
| Residence (percent): | | | |
| United States | 68.7 | 91.7 | 4.4 |
| Pacific and Mountain States | 42.8 | 57.2 | 2.2 |
| California | 26.8 | 36.0 | 1.1 |
| Males per 100 females | 88.3 | 92.4 | 75.7 |
| Persons per party | 2.2 | 2.0 | 2.8 |
| Arriving June-August (percent) | 28.0 | 29.1 | 24.8 |
| Repeat visitors (percent) | 63.9 | 67.1 | 54.7 |
| Pleasure trip (percent) | 81.3 | 80.3 | 84.0 |
| In hotel only | 55.6 | 46.9 | 79.9 |
| One island only | 77.1 | 76.7 | 78.3 |
| 2007 | | | |
| Residence (percent): | | | |
| United States | 68.6 | 90.6 | 4.7 |
| Pacific and Mountain States | 43.3 | 57.3 | 2.4 |
| California | 26.0 | 34.9 | 0.9 |
| Males per 100 females | 87.0 | 92.3 | 76.0 |
| Persons per party | 2.1 | 2.0 | 2.7 |
| Arriving June-August (percent) | 28.2 | 29.0 | 26.1 |
| Repeat visitors (percent) | 64.7 | 67.9 | 55.2 |
| Pleasure trip (percent) | 82.0 | 80.7 | 85.5 |
| In hotel only | 53.3 | 44.5 | 79.1 |
| One island only | 76.0 | 75.4 | 77.8 |

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt>>.

**Table 7.09-- DOMESTIC VISITORS BY STATE AND REGION:
2006 AND 2007**

[Covers visitors staying overnight or longer anywhere in the state, and any overnight or non-overnight interisland trips reported by these visitors. Domestic includes passengers from all flights originating from the mainland United States. International includes passengers from all flights originating from U.S. territories and other countries]

| Residence | 2006 1/ | 2007 |
|--------------------|-----------|-----------|
| United States | 5,087,546 | 5,057,052 |
| Pacific | 2,541,078 | 2,558,488 |
| Alaska | 40,737 | 46,577 |
| California | 1,997,750 | 1,946,829 |
| Oregon | 165,178 | 179,235 |
| Washington | 337,413 | 385,846 |
| Mountain | 635,764 | 640,831 |
| Arizona | 198,471 | 190,089 |
| Colorado | 140,728 | 145,590 |
| Idaho | 36,782 | 41,222 |
| Montana | 19,928 | 20,105 |
| Nevada | 100,014 | 96,806 |
| New Mexico | 30,468 | 31,595 |
| Utah | 100,467 | 105,904 |
| Wyoming | 8,907 | 9,519 |
| West North Central | 226,088 | 220,179 |
| Iowa | 28,709 | 28,324 |
| Kansas | 28,462 | 28,674 |
| Minnesota | 82,888 | 79,874 |
| Missouri | 52,998 | 50,764 |
| Nebraska | 18,263 | 17,918 |
| North Dakota | 6,391 | 6,291 |
| South Dakota | 8,377 | 8,333 |
| West South Central | 295,493 | 297,700 |
| Arkansas | 16,455 | 14,978 |
| Louisiana | 23,243 | 21,783 |
| Oklahoma | 29,759 | 30,514 |
| Texas | 226,037 | 230,425 |
| East North Central | 427,680 | 407,255 |
| Illinois | 153,809 | 147,619 |
| Indiana | 51,666 | 48,920 |
| Michigan | 81,670 | 75,859 |
| Ohio | 86,523 | 82,220 |
| Wisconsin | 54,012 | 52,636 |
| East South Central | 101,872 | 97,862 |
| Alabama | 23,896 | 23,638 |
| Kentucky | 27,214 | 24,288 |
| Mississippi | 10,639 | 10,551 |
| Tennessee | 40,123 | 39,385 |

Continued on next page.

**Table 7.09-- DOMESTIC VISITORS BY STATE AND REGION:
2006 AND 2007 -- Con.**

| Residence | 2006 1/ | 2007 |
|------------------|---------|---------|
| New England | 126,058 | 121,707 |
| Connecticut | 30,432 | 29,124 |
| Maine | 9,378 | 9,071 |
| Massachusetts | 61,421 | 59,146 |
| New Hampshire | 11,254 | 11,485 |
| Rhode Island | 7,993 | 7,175 |
| Vermont | 5,581 | 5,706 |
| Middle Atlantic | 285,521 | 283,285 |
| New Jersey | 74,534 | 75,337 |
| New York | 129,946 | 127,397 |
| Pennsylvania | 81,041 | 80,551 |
| South Atlantic | 447,991 | 429,746 |
| Delaware | 8,168 | 6,009 |
| Washington, D.C. | 6,031 | 8,116 |
| Florida | 127,551 | 121,870 |
| Georgia | 72,763 | 65,536 |
| Maryland | 61,832 | 59,903 |
| North Carolina | 52,574 | 52,886 |
| South Carolina | 22,845 | 23,053 |
| Virginia | 88,888 | 85,295 |
| West Virginia | 7,339 | 7,077 |

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt>>.

Table 7.10-- TRIP CHARACTERISTICS OF VISITORS, BY POINT OF ORIGIN: 2006 AND 2007

[Covers visitors staying overnight or longer anywhere in the state, and any overnight or non-overnight interisland trips reported by these visitors. Domestic includes passengers from all flights originating from the mainland United States. International includes passengers from all flights originating from U.S. territories and other countries]

| Subject | Domestic | | International | |
|-------------------------------------|-----------|-----------|---------------|-----------|
| | 2006 1/ | 2007 | 2006 1/ | 2007 |
| All visitors 2/ | 5,550,125 | 5,582,530 | 1,977,981 | 1,914,290 |
| Purpose of visit 2/ | | | | |
| Pleasure | 4,456,851 | 4,506,936 | 1,660,640 | 1,636,940 |
| Honeymoon | 281,210 | 265,804 | 203,480 | 217,795 |
| Wedding | 67,158 | 65,910 | 87,076 | 77,297 |
| Meetings, conventions, incentive 2/ | 417,886 | 400,804 | 139,286 | 91,343 |
| Convention/conference | 265,837 | 246,142 | 56,761 | 33,088 |
| Corporate meeting | 81,965 | 89,420 | 27,289 | 15,783 |
| Incentive | 85,677 | 82,759 | 58,572 | 44,503 |
| Other business | 258,865 | 254,065 | 28,341 | 26,075 |
| Visit friends or relatives | 613,453 | 621,031 | 77,190 | 77,046 |
| Government or military | 85,111 | 79,914 | 13,273 | 11,531 |
| Attend school | 13,049 | 12,565 | 9,605 | 5,608 |
| Sport event | 85,644 | 84,319 | 49,304 | 48,895 |
| Traveler method | | | | |
| Group tour | 321,141 | 297,951 | 743,009 | 608,269 |
| Package | 1,744,106 | 1,601,691 | 1,390,621 | 1,275,827 |
| Group tour and package | 249,753 | 225,770 | 662,693 | 535,386 |
| True independent | 3,734,631 | 3,908,659 | 507,045 | 565,580 |
| Accommodations | | | | |
| Hotel | 3,155,612 | 3,063,619 | 1,663,064 | 1,609,455 |
| Hotel only | 2,604,533 | 2,482,290 | 1,579,891 | 1,513,929 |
| Condo | 1,088,854 | 1,116,444 | 188,932 | 205,231 |
| Condo only | 834,340 | 856,195 | 148,383 | 158,656 |
| Timeshare | 596,107 | 631,804 | 38,953 | 36,596 |
| Timeshare only | 445,568 | 475,742 | 28,103 | 24,829 |
| Rental house | 258,342 | 293,353 | 20,264 | 23,918 |
| Bed & breakfast | 66,159 | 66,081 | 7,959 | 10,436 |
| Cruise ship | 313,991 | 365,603 | 25,537 | 33,777 |
| Friends, relatives | 647,452 | 659,540 | 89,418 | 72,956 |

1/ Revised from previous *Data Book*.

2/ Because of multiple responses, detail may add to more than the indicated total.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.11-- ACTIVITY PARTICIPATION BY VISITORS FROM THE U.S. TOTAL,
U.S. WEST, U.S. EAST, AND JAPAN: 2006**

[Covers visitors staying overnight or longer anywhere in the State, and any overnight or non-overnight interisland trips reported by these visitors. Percent of visitors. Percentages sum to more than 100 percent due to multiple island visitation and multiple activities participated in by visitors]

| Activity | U.S. total | U.S. West 1/ | U.S. East 2/ | Japan |
|--|------------|--------------|--------------|-------|
| Sightseeing | 88.1 | 86.7 | 90.2 | 92.0 |
| Helicopter / airplane tour | 12.8 | 10.1 | 17.3 | 4.4 |
| Boat tour / submarine / whale watching | 30.1 | 26.9 | 35.2 | 18.3 |
| Tour bus excursion | 16.5 | 11.2 | 25.1 | 46.1 |
| Private limousine / van tour | 6.5 | 5.0 | 8.9 | 16.8 |
| Self-guided | 78.5 | 79.6 | 76.8 | 55.1 |
| Recreation | 89.6 | 90.8 | 87.6 | 80.7 |
| Swimming / sunbathing / beach | 81.8 | 83.0 | 79.9 | 66.3 |
| Surfing / bodyboarding | 23.9 | 26.6 | 19.3 | 7.4 |
| Snorkeling / scuba diving | 49.5 | 52.3 | 44.8 | 18.6 |
| Jet skiing / parasailing / windsurfing | 5.2 | 5.7 | 4.3 | 4.9 |
| Golf | 13.1 | 13.3 | 12.6 | 8.9 |
| Running / jogging / fitness walking | 37.9 | 39.5 | 35.3 | 20.9 |
| Gym / health spa | 15.9 | 16.0 | 15.7 | 6.6 |
| Backpacking / hiking / camping | 23.7 | 21.7 | 26.9 | 7.4 |
| Sports event or tournament | 5.0 | 4.8 | 5.3 | 3.8 |
| Entertainment | 79.1 | 79.1 | 79.2 | 87.7 |
| Lunch / sunset / dinner / evening cruise | 31.6 | 29.8 | 34.6 | 57.7 |
| Lounge act / stage show | 26.4 | 23.7 | 31.0 | 24.2 |
| Nightclub / dancing / bar / karaoke | 16.4 | 15.5 | 18.0 | 7.7 |
| Fine dining | 64.0 | 64.2 | 63.7 | 73.1 |
| Shopping | 93.3 | 93.6 | 92.8 | 98.3 |
| Department stores | 48.3 | 48.2 | 48.4 | 55.1 |
| Designer boutiques | 42.6 | 42.7 | 42.4 | 61.4 |
| Hotel stores | 47.1 | 43.7 | 52.8 | 51.6 |
| Swap meet / flea markets | 34.2 | 34.4 | 33.9 | 15.4 |
| Discount / outlet stores | 37.2 | 37.1 | 37.5 | 43.6 |
| Supermarkets | 65.1 | 69.8 | 57.3 | 59.1 |
| Convenience stores | 61.0 | 61.6 | 60.0 | 79.5 |
| Duty free stores | 6.0 | 5.4 | 7.0 | 80.6 |
| Culture | 76.4 | 73.9 | 80.6 | 55.7 |
| Historic site | 58.0 | 54.2 | 64.3 | 28.4 |
| Museum / art gallery | 29.3 | 29.5 | 28.9 | 18.4 |
| Polynesian show / luau | 42.7 | 37.5 | 51.3 | 28.0 |

Continued on next page.

**Table 7.11-- ACTIVITY PARTICIPATION BY VISITORS FROM THE U.S. TOTAL,
U.S. WEST, U.S. EAST, AND JAPAN: 2006 - Con.**

| Activity | U.S. total | U.S. West 1/ | U.S. East 2/ | Japan |
|------------------|------------|--------------|--------------|-------|
| Culture - con. | | | | |
| Art / craft fair | 18.5 | 19.5 | 16.7 | 3.8 |
| Festival | 5.4 | 5.7 | 5.1 | 5.9 |
| Transportation | | | | |
| Trolley | 7.2 | 5.6 | 9.7 | 65.0 |
| Public bus | 12.1 | 9.9 | 15.6 | 24.1 |
| Taxi / limousine | 16.7 | 13.9 | 21.3 | 44.5 |
| Rental car | 74.3 | 76.9 | 69.9 | 17.7 |

1/ Pacific and Mountain States of the United States.

2/ All other states in the Continental United States not included in U.S. West.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *2006 Visitor Satisfaction and Activity Report* and records.

Table 7.12-- OVERALL SATISFACTION BY MAJOR CATEGORY BY VISITORS FROM THE U.S. TOTAL, BY GEOGRAPHIC AREA: 2006

[Covers visitors from United States staying overnight or longer. Percent of visitors]

| Category | Oahu | Maui | Kauai | Kona |
|--------------------------|------|------|-------|------|
| Accommodations | | | | |
| Very satisfied | 73.7 | 79.9 | 80.4 | 82.8 |
| Somewhat satisfied | 21.6 | 16.8 | 14.7 | 15.0 |
| Somewhat dissatisfied | 3.7 | 2.4 | 4.1 | 1.0 |
| Not satisfied at all | 0.9 | 0.9 | 0.8 | 1.2 |
| Restaurants | | | | |
| Very satisfied | 61.0 | 58.9 | 52.3 | 53.0 |
| Somewhat satisfied | 34.4 | 37.9 | 38.1 | 41.6 |
| Somewhat dissatisfied | 3.7 | 3.2 | 8.0 | 4.1 |
| Not satisfied at all | 0.9 | 0.0 | 1.5 | 1.3 |
| Shopping | | | | |
| Very satisfied | 66.1 | 60.1 | 49.3 | 47.0 |
| Somewhat satisfied | 30.7 | 35.7 | 45.7 | 44.1 |
| Somewhat dissatisfied | 2.8 | 4.1 | 4.5 | 7.7 |
| Not satisfied at all | 0.4 | 0.1 | 0.5 | 1.2 |
| Golf | | | | |
| Very satisfied | 63.2 | 79.2 | 75.0 | 87.1 |
| Somewhat satisfied | 34.2 | 15.9 | 21.3 | 12.9 |
| Somewhat dissatisfied | 2.6 | 3.9 | 3.7 | 0.0 |
| Not satisfied at all | 0.0 | 1.0 | 0.0 | 0.0 |
| Activities & attractions | | | | |
| Very satisfied | 71.0 | 73.7 | 73.2 | 69.3 |
| Somewhat satisfied | 26.4 | 23.0 | 24.3 | 27.7 |
| Somewhat dissatisfied | 2.3 | 3.0 | 2.5 | 1.9 |
| Not satisfied at all | 0.3 | 0.3 | 0.0 | 1.1 |
| Transportation | | | | |
| Very satisfied | 63.2 | 54.1 | 64.8 | 55.6 |
| Somewhat satisfied | 30.6 | 27.3 | 17.1 | 27.6 |
| Somewhat dissatisfied | 5.3 | 12.1 | 10.3 | 6.6 |
| Not satisfied at all | 1.0 | 6.5 | 7.8 | 10.3 |
| Airports | | | | |
| Very satisfied | 56.5 | 56.4 | 60.2 | 51.1 |
| Somewhat satisfied | 37.8 | 37.7 | 35.1 | 40.1 |
| Somewhat dissatisfied | 4.6 | 5.1 | 4.3 | 7.1 |
| Not satisfied at all | 1.1 | 0.8 | 0.4 | 1.6 |

Continued on next page.

**Table 7.12-- OVERALL SATISFACTION BY MAJOR CATEGORY BY VISITORS
FROM THE U.S. TOTAL, BY GEOGRAPHIC AREA: 2006 - Con.**

| Category | Oahu | Maui | Kauai | Kona |
|-----------------------|-------------|-------------|--------------|-------------|
| Parks & beaches | | | | |
| Very satisfied | 71.8 | 79.1 | 72.2 | 69.5 |
| Somewhat satisfied | 23.6 | 18.3 | 25.0 | 27.2 |
| Somewhat dissatisfied | 3.9 | 2.3 | 2.4 | 2.1 |
| Not satisfied at all | 0.7 | 0.2 | 0.4 | 1.1 |

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, records.

Table 7.13-- OVERALL SATISFACTION BY MAJOR CATEGORY BY VISITORS FROM THE U.S. WEST, BY GEOGRAPHIC AREA: 2006

[Covers visitors from Pacific and Mountain States of the United States staying overnight or longer. Percent of visitors]

| Category | Oahu | Maui | Kauai | Kona |
|--------------------------|------|------|-------|------|
| Accommodations | | | | |
| Very satisfied | 72.8 | 77.7 | 79.4 | 84.1 |
| Somewhat satisfied | 22.1 | 18.9 | 14.8 | 13.7 |
| Somewhat dissatisfied | 4.0 | 2.1 | 5.1 | 1.2 |
| Not satisfied at all | 1.0 | 1.3 | 0.6 | 1.0 |
| Restaurants | | | | |
| Very satisfied | 61.7 | 56.5 | 48.7 | 51.2 |
| Somewhat satisfied | 33.2 | 40.8 | 40.6 | 43.6 |
| Somewhat dissatisfied | 4.1 | 2.7 | 8.5 | 3.9 |
| Not satisfied at all | 0.9 | 0.0 | 2.3 | 1.3 |
| Shopping | | | | |
| Very satisfied | 67.7 | 60.1 | 46.0 | 45.1 |
| Somewhat satisfied | 29.8 | 35.7 | 49.0 | 45.4 |
| Somewhat dissatisfied | 2.0 | 4.3 | 4.5 | 8.5 |
| Not satisfied at all | 0.5 | 0.0 | 0.6 | 1.1 |
| Golf | | | | |
| Very satisfied | 64.8 | 75.2 | 70.8 | 87.3 |
| Somewhat satisfied | 33.1 | 19.4 | 24.7 | 12.7 |
| Somewhat dissatisfied | 2.0 | 3.8 | 4.5 | 0.0 |
| Not satisfied at all | 0.0 | 1.5 | 0.0 | 0.0 |
| Activities & attractions | | | | |
| Very satisfied | 70.6 | 70.9 | 70.5 | 69.3 |
| Somewhat satisfied | 26.5 | 26.0 | 26.3 | 28.7 |
| Somewhat dissatisfied | 2.6 | 2.6 | 3.2 | 0.5 |
| Not satisfied at all | 0.3 | 0.5 | 0.0 | 1.5 |
| Transportation | | | | |
| Very satisfied | 64.4 | 47.1 | 63.1 | 59.3 |
| Somewhat satisfied | 28.9 | 28.8 | 13.6 | 17.7 |
| Somewhat dissatisfied | 5.8 | 14.0 | 13.9 | 6.7 |
| Not satisfied at all | 0.9 | 10.1 | 9.3 | 16.3 |

Continued on next page.

**Table 7.13-- OVERALL SATISFACTION BY MAJOR CATEGORY BY VISITORS
FROM THE U.S. WEST, BY GEOGRAPHIC AREA: 2006 - Con.**

| Category | Oahu | Maui | Kauai | Kona |
|-----------------------|-------------|-------------|--------------|-------------|
| Airports | | | | |
| Very satisfied | 56.2 | 54.2 | 60.2 | 51.6 |
| Somewhat satisfied | 37.3 | 39.9 | 34.0 | 38.6 |
| Somewhat dissatisfied | 5.7 | 5.2 | 5.2 | 8.4 |
| Not satisfied at all | 0.9 | 0.8 | 0.6 | 1.4 |
| Parks & beaches | | | | |
| Very satisfied | 69.1 | 78.6 | 72.2 | 68.2 |
| Somewhat satisfied | 26.8 | 18.4 | 25.2 | 28.9 |
| Somewhat dissatisfied | 3.2 | 2.7 | 2.1 | 1.8 |
| Not satisfied at all | 0.9 | 0.3 | 0.6 | 1.1 |

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *2006 Visitor Satisfaction and Activity Report*, see also <<http://www.hawaii.gov/dbedt/>>.

Table 7.14-- OVERALL SATISFACTION BY MAJOR CATEGORY BY VISITORS FROM THE U.S. EAST, BY GEOGRAPHIC AREA: 2006

[Covers visitors from all other states in the continental United States not included in U.S. West staying overnight or longer. Percent of visitors]

| Category | Oahu | Maui | Kauai | Kona |
|--------------------------|------|------|-------|------|
| Accommodations | | | | |
| Very satisfied | 74.9 | 83.8 | 82.5 | 79.6 |
| Somewhat satisfied | 21.0 | 13.0 | 14.3 | 18.1 |
| Somewhat dissatisfied | 3.4 | 3.0 | 1.9 | 0.6 |
| Not satisfied at all | 0.7 | 0.1 | 1.3 | 1.7 |
| Restaurants | | | | |
| Very satisfied | 60.1 | 63.2 | 59.9 | 57.3 |
| Somewhat satisfied | 35.9 | 32.8 | 33.1 | 37.0 |
| Somewhat dissatisfied | 3.1 | 4.0 | 7.0 | 4.4 |
| Not satisfied at all | 0.9 | 0.0 | 0.0 | 1.2 |
| Shopping | | | | |
| Very satisfied | 63.8 | 60.1 | 56.7 | 51.5 |
| Somewhat satisfied | 31.9 | 35.9 | 38.4 | 41.4 |
| Somewhat dissatisfied | 4.0 | 3.8 | 4.6 | 5.8 |
| Not satisfied at all | 0.3 | 0.3 | 0.4 | 1.3 |
| Golf | | | | |
| Very satisfied | 60.3 | 86.3 | 82.8 | 86.5 |
| Somewhat satisfied | 36.2 | 9.7 | 15.0 | 13.5 |
| Somewhat dissatisfied | 3.5 | 4.1 | 2.1 | 0.0 |
| Not satisfied at all | 0.0 | 0.0 | 0.0 | 0.0 |
| Activities & attractions | | | | |
| Very satisfied | 71.6 | 78.3 | 78.5 | 69.2 |
| Somewhat satisfied | 26.3 | 18.0 | 20.3 | 25.4 |
| Somewhat dissatisfied | 1.9 | 3.8 | 1.2 | 5.4 |
| Not satisfied at all | 0.2 | 0.0 | 0.0 | 0.0 |
| Transportation | | | | |
| Very satisfied | 61.8 | 64.0 | 68.1 | 50.6 |
| Somewhat satisfied | 32.5 | 25.2 | 24.0 | 40.8 |
| Somewhat dissatisfied | 4.6 | 9.4 | 3.3 | 6.4 |
| Not satisfied at all | 1.0 | 1.4 | 4.7 | 2.1 |

Continued on next page.

**Table 7.14-- OVERALL SATISFACTION BY MAJOR CATEGORY BY VISITORS
FROM THE U.S. EAST, BY GEOGRAPHIC AREA: 2006 - Con.**

| Category | Oahu | Maui | Kauai | Kona |
|-----------------------|-------------|-------------|--------------|-------------|
| Airports | | | | |
| Very satisfied | 57.0 | 60.4 | 60.1 | 50.1 |
| Somewhat satisfied | 38.4 | 33.8 | 37.6 | 43.7 |
| Somewhat dissatisfied | 3.2 | 4.9 | 2.3 | 4.1 |
| Not satisfied at all | 1.3 | 1.0 | 0.0 | 2.1 |
| Parks & beaches | | | | |
| Very satisfied | 75.4 | 79.8 | 72.2 | 72.8 |
| Somewhat satisfied | 19.4 | 18.3 | 24.7 | 22.8 |
| Somewhat dissatisfied | 4.7 | 1.7 | 3.0 | 3.0 |
| Not satisfied at all | 0.5 | 0.2 | 0.0 | 1.4 |

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *2006 Visitor Satisfaction and Activity Report*, see also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.15-- OVERALL SATISFACTION BY MAJOR CATEGORY BY VISITORS
FROM JAPAN, BY GEOGRAPHIC AREA: 2006**

[Covers visitors from Japan staying overnight or longer. Percent of visitors]

| Category | Oahu | Maui | Kauai 1/ | Kona |
|--------------------------|------|------|----------|------|
| Accommodations | | | | |
| Very satisfied | 44.1 | 59.1 | (NA) | 52.8 |
| Somewhat satisfied | 45.6 | 35.8 | (NA) | 41.5 |
| Somewhat dissatisfied | 9.0 | 4.7 | (NA) | 5.3 |
| Not satisfied at all | 1.3 | 0.4 | (NA) | 0.4 |
| Restaurants | | | | |
| Very satisfied | 22.4 | 23.4 | (NA) | 20.6 |
| Somewhat satisfied | 56.7 | 53.6 | (NA) | 50.5 |
| Somewhat dissatisfied | 19.0 | 21.5 | (NA) | 23.0 |
| Not satisfied at all | 2.0 | 1.5 | (NA) | 5.8 |
| Shopping | | | | |
| Very satisfied | 41.0 | 16.1 | (NA) | 12.1 |
| Somewhat satisfied | 49.8 | 61.7 | (NA) | 46.0 |
| Somewhat dissatisfied | 8.7 | 20.3 | (NA) | 36.3 |
| Not satisfied at all | 0.4 | 2.0 | (NA) | 5.5 |
| Golf | | | | |
| Very satisfied | 42.3 | 67.7 | (NA) | 45.5 |
| Somewhat satisfied | 44.9 | 30.9 | (NA) | 47.3 |
| Somewhat dissatisfied | 11.6 | 1.4 | (NA) | 7.2 |
| Not satisfied at all | 1.3 | 0.0 | (NA) | 0.0 |
| Activities & attractions | | | | |
| Very satisfied | 38.0 | 23.0 | (NA) | 37.7 |
| Somewhat satisfied | 51.9 | 62.0 | (NA) | 46.6 |
| Somewhat dissatisfied | 9.2 | 15.0 | (NA) | 15.3 |
| Not satisfied at all | 1.0 | 0.0 | (NA) | 0.4 |
| Transportation | | | | |
| Very satisfied | 39.8 | 15.8 | (NA) | 18.4 |
| Somewhat satisfied | 48.7 | 44.8 | (NA) | 43.5 |
| Somewhat dissatisfied | 10.3 | 33.1 | (NA) | 30.5 |
| Not satisfied at all | 1.2 | 6.4 | (NA) | 7.6 |

Continued on next page.

Table 7.15-- OVERALL SATISFACTION BY MAJOR CATEGORY BY VISITORS FROM JAPAN, BY GEOGRAPHIC AREA: 2006 - Con.

| Category | Oahu | Maui | Kauai | Kona |
|-----------------------|------|------|-------|------|
| Airports | | | | |
| Very satisfied | 22.1 | 17.4 | (NA) | 18.2 |
| Somewhat satisfied | 60.0 | 62.4 | (NA) | 56.2 |
| Somewhat dissatisfied | 16.5 | 20.2 | (NA) | 23.6 |
| Not satisfied at all | 1.4 | 0.0 | (NA) | 2.0 |
| Parks & beaches | | | | |
| Very satisfied | 49.5 | 46.5 | (NA) | 51.9 |
| Somewhat satisfied | 45.0 | 49.1 | (NA) | 40.7 |
| Somewhat dissatisfied | 4.8 | 4.5 | (NA) | 7.3 |
| Not satisfied at all | 0.7 | 0.0 | (NA) | 0.0 |

NA Not available.

1/ Sample is too small for tabulation.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *2006 Visitor Satisfaction and Activity Report*, see also <<http://www.hawaii.gov/dbedt/>>.

Table 7.16-- OVERALL ISLAND EXPERIENCE BY VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2006

[Covers visitors staying overnight or longer anywhere in the State, and any overnight or non-overnight interisland trips reported by these visitors. Percent of total visitors]

| Criterion by island | U.S. total | U.S. West 1/ | U.S. East 2/ | Japan |
|---------------------|------------|--------------|--------------|-------|
| Oahu | | | | |
| Excellent | 55.3 | 54.2 | 56.6 | 53.0 |
| Above average | 37.5 | 38.4 | 36.5 | 42.1 |
| Below average | 6.3 | 6.6 | 5.9 | 4.2 |
| Poor | 0.9 | 0.8 | 1.0 | 0.6 |
| Maui | | | | |
| Excellent | 69.1 | 65.9 | 73.5 | 50.9 |
| Above average | 26.6 | 28.6 | 23.7 | 44.5 |
| Below average | 3.9 | 4.9 | 2.5 | 4.3 |
| Poor | 0.4 | 0.6 | 0.3 | 0.3 |
| Molokai | | | | |
| Excellent | 60.4 | 61.0 | 59.3 | 42.5 |
| Above average | 33.6 | 31.9 | 36.6 | 39.8 |
| Below average | 3.7 | 4.6 | 2.2 | 11.1 |
| Poor | 2.2 | 2.4 | 1.9 | 6.6 |
| Lanai | | | | |
| Excellent | 65.7 | 65.2 | 66.2 | 56.3 |
| Above average | 28.9 | 32.5 | 24.9 | 32.8 |
| Below average | 4.2 | 0.0 | 8.9 | 10.9 |
| Poor | 1.2 | 2.4 | 0.0 | 0.0 |
| Big Island | | | | |
| Excellent | 52.8 | 51.3 | 54.8 | 49.1 |
| Above average | 40.6 | 43.1 | 37.4 | 42.9 |
| Below average | 5.8 | 4.8 | 7.1 | 7.0 |
| Poor | 0.8 | 0.8 | 0.7 | 1.0 |
| Kauai | | | | |
| Excellent | 66.9 | 62.7 | 72.3 | 42.0 |
| Above average | 27.3 | 30.4 | 23.2 | 40.5 |
| Below average | 4.8 | 6.1 | 3.1 | 16.9 |
| Poor | 1.0 | 0.8 | 1.3 | 0.6 |

1/ Pacific and Mountain States of the United States.

2/ All other states in the Continental United States not included in U.S. West.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *2006 Visitor Satisfaction and Activity Report*, see also <<http://www.hawaii.gov/dbedt/>>.

Table 7.17-- SOURCES OF INFORMATION FOR TRIP PLANNING BY VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2005 AND 2006

[Covers visitors staying overnight or longer anywhere in the State, and any overnight or non-overnight interisland trips reported by these visitors. Percent of total visitors. Percentages do not sum to 100 percent due to multiple sources used]

| Information source | U.S. total | U.S. West 1/ | U.S. East 2/ | Japan |
|-------------------------------------|------------|--------------|--------------|-------|
| 2005 | | | | |
| Travel agents | 27.7 | 25.8 | 30.6 | 67.5 |
| Internet | 66.4 | 65.8 | 67.1 | 49.9 |
| Personal experience | 46.9 | 51.7 | 39.5 | 41.9 |
| Wholesalers | 9.5 | 8.9 | 10.3 | 17.3 |
| Friends / relatives | 39.9 | 37.9 | 43.0 | 30.0 |
| Magazines | 10.1 | 8.7 | 12.1 | 44.0 |
| Books | 22.8 | 19.4 | 28.1 | 43.1 |
| Hotels / resorts | 24.3 | 22.2 | 27.6 | 8.9 |
| Airlines | 31.8 | 33.1 | 29.9 | 10.1 |
| Hawaii Visitors & Convention Bureau | 9.4 | 7.9 | 11.6 | 8.1 |
| Newspapers | 2.9 | 2.8 | 3.1 | 2.9 |
| 2006 | | | | |
| Travel agents | 34.2 | 30.7 | 40.0 | 91.2 |
| Internet | 88.6 | 89.5 | 87.2 | 62.1 |
| Personal experience | 45.7 | 50.5 | 37.8 | 41.2 |
| Wholesalers | 9.3 | 8.5 | 10.5 | 16.9 |
| Friends / relatives | 38.6 | 36.8 | 41.5 | 29.5 |
| Magazines | 9.7 | 8.7 | 11.3 | 41.5 |
| Books | 21.8 | 19.2 | 26.1 | 40.8 |
| Hotels / resorts | 22.7 | 21.5 | 24.6 | 9.7 |
| Airlines | 28.5 | 29.7 | 26.5 | 9.8 |
| Hawaii Visitors & Convention Bureau | 10.3 | 8.4 | 13.4 | 8.4 |
| Newspapers | 2.2 | 2.0 | 2.5 | 2.6 |

1/ Pacific and Mountain States of the United States.

2/ All other states in the Continental United States not included in U.S. West.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Visitor Satisfaction and Activity Report* (annual), see also <<http://www.hawaii.gov/dbedt/>>.

Table 7.18-- INTERNET USAGE FOR TRIP PLANNING BY VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2005 AND 2006

[Covers visitors staying overnight or longer anywhere in the State, and any overnight or non-overnight interisland trips reported by these visitors. Percent of respondents who used the internet. Percentages do not sum to 100 percent due to multiple sources used]

| How the internet was used | U.S. total | U.S. West 1/ | U.S. East 2/ | Japan |
|------------------------------|------------|--------------|--------------|-------|
| 2005 | | | | |
| Find things to do | 50.4 | 45.5 | 58.1 | 40.7 |
| Estimate costs | 48.2 | 47.6 | 49.1 | 17.8 |
| Find hotel or place to stay | 47.7 | 44.7 | 52.3 | 69.3 |
| Find good restaurant | 20.1 | 19.2 | 21.5 | 34.7 |
| Find recreational activities | 37.4 | 33.5 | 43.5 | 34.6 |
| Maps and directions | 41.8 | 41.5 | 42.4 | 28.1 |
| Locate sightseeing places | 28.2 | 23.0 | 36.4 | 39.2 |
| Make airline reservations | 69.0 | 70.9 | 66.0 | 19.8 |
| Hotel reservation | 45.7 | 43.8 | 48.7 | 23.5 |
| Rental car reservation | 49.4 | 50.5 | 47.7 | 11.6 |
| Locate shopping places | 8.5 | 8.3 | 8.8 | 43.7 |
| Find evening activities | 13.9 | 12.3 | 16.4 | 5.9 |
| 2006 | | | | |
| Find things to do | 51.8 | 47.0 | 60.0 | 37.3 |
| Estimate costs | 49.4 | 48.9 | 50.1 | 15.1 |
| Find hotel or place to stay | 45.6 | 44.1 | 48.1 | 66.3 |
| Find good restaurant | 24.3 | 22.7 | 27.1 | 33.1 |
| Find recreational activities | 38.8 | 35.8 | 43.9 | 33.0 |
| Maps and directions | 42.7 | 41.6 | 44.6 | 26.8 |
| Locate sightseeing places | 31.0 | 27.2 | 37.5 | 37.6 |
| Make airline reservations | 71.5 | 75.7 | 64.4 | 20.1 |
| Hotel reservation | 48.3 | 48.8 | 47.4 | 22.7 |
| Rental car reservation | 52.5 | 55.8 | 47.0 | 11.5 |
| Locate shopping places | 9.5 | 8.9 | 10.6 | 41.4 |
| Find evening activities | 14.1 | 12.5 | 16.8 | 6.1 |

1/ Pacific and Mountain States of the United States.

2/ All other states in the Continental United States not included in U.S. West.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Visitor Satisfaction and Activity Report* (annual), see also <<http://www.hawaii.gov/dbedt/>>.

Table 7.19-- SAFETY ISSUES AND OTHER NUISANCES ENCOUNTERED BY VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2005 AND 2006

[Covers visitors staying overnight or longer anywhere in the State, and any overnight or non-overnight interisland trips reported by these visitors. Percent of total visitors. Percentages do not sum to 100 percent due to multiple answers selected]

| | U.S. total | U.S. West 1/ | U.S. East 2/ | Japan |
|-----------------------------------|------------|--------------|--------------|-------|
| 2005 | | | | |
| No problems | 92.2 | 91.3 | 93.4 | 96.1 |
| Safety Issues: | | | | |
| Solicited by drug dealers | 3.2 | 3.6 | 2.5 | 1.1 |
| Solicited by prostitutes | 1.7 | 2.0 | 1.2 | 1.2 |
| Wallet / purse / valuables stolen | 1.7 | 1.9 | 1.3 | 1.1 |
| Room vandalized / robbed | 0.3 | 0.3 | 0.4 | 0.1 |
| Car vandalized / robbed | 1.2 | 1.5 | 0.8 | 0.3 |
| Physical violence / harm | 0.4 | 0.5 | 0.3 | 0.2 |
| Other nuisance: | | | | |
| Parking ticket | 1.2 | 1.2 | 1.2 | 0.5 |
| 2006 | | | | |
| No problems | 93.5 | 93.2 | 94.0 | 96.7 |
| Safety Issues: | | | | |
| Solicited by drug dealers | 1.8 | 2.0 | 1.5 | 0.8 |
| Solicited by prostitutes | 1.1 | 1.1 | 1.0 | 0.4 |
| Wallet / purse / valuables stolen | 1.4 | 1.9 | 0.7 | 1.4 |
| Room vandalized / robbed | 0.4 | 0.5 | 0.3 | 0.4 |
| Car vandalized / robbed | 1.3 | 1.3 | 1.3 | 0.3 |
| Physical violence / harm | 0.4 | 0.4 | 0.3 | 0.2 |
| Other nuisance: | | | | |
| Parking ticket | 1.6 | 1.5 | 1.8 | 0.4 |

1/ Pacific and Mountain States of the United States.

2/ All other states in the Continental United States not included in U.S. West.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Visitor Satisfaction and Activity Report* (annual), see also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.20-- VISITOR PROFILE AND TRIP CHARACTERISTICS OF VISITORS
FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2006**

[Covers visitors staying overnight or longer anywhere in the State, and any overnight or non-overnight interisland trips reported by these visitors. Percent of visitor respondents]

| Characteristic | U.S. total | U.S. West 1/ | U.S. East 2/ | Japan |
|--|------------|--------------|--------------|-------|
| Visitors income 3/ | | | | |
| Under \$15,000 | 1.2 | 1.2 | 1.4 | 4.2 |
| \$15,000-\$29,999 | 4.5 | 4.2 | 4.9 | 11.6 |
| \$30,000-\$49,999 | 10.8 | 9.7 | 12.6 | 24.1 |
| \$50,000-\$99,999 | 34.1 | 32.8 | 36.2 | 36.6 |
| \$100,000 or more | 49.3 | 52.0 | 44.8 | 23.5 |
| Education attainment | | | | |
| Less than high school graduate | 0.7 | 1.0 | 0.3 | 2.2 |
| High school graduate | 23.3 | 23.9 | 22.3 | 31.8 |
| Associates degree (2-year) | 9.2 | 9.1 | 9.2 | 17.1 |
| Bachelor's degree (4-year) | 35.0 | 35.3 | 34.4 | 35.7 |
| Post graduate degree | 28.2 | 27.1 | 30.1 | 3.2 |
| Vocational / technical degree | 3.6 | 3.5 | 3.7 | 10.1 |
| Employment status | | | | |
| Working | 73.9 | 72.1 | 76.8 | 60.4 |
| Retired | 15.7 | 16.2 | 15.0 | 7.4 |
| Student | 2.2 | 2.4 | 2.0 | 1.5 |
| Homemaker | 6.1 | 6.7 | 5.2 | 22.2 |
| Other | 2.1 | 2.7 | 1.1 | 8.4 |
| Primary purpose of trip | | | | |
| Vacation | 66.1 | 68.4 | 62.4 | 62.9 |
| Attend a business meeting / conduct business | 6.8 | 6.5 | 7.2 | 1.7 |
| Attend a convention / conference / seminar | 3.1 | 2.2 | 4.7 | 0.9 |
| Incentive / reward | 1.2 | 1.1 | 1.4 | 1.8 |
| Visit friends / relatives | 9.4 | 9.4 | 9.4 | 2.4 |
| Get married | 0.6 | 0.4 | 0.9 | 2.1 |
| Attend / participate in wedding | 3.6 | 3.8 | 3.3 | 7.8 |
| Honeymoon | 4.1 | 3.3 | 5.3 | 8.4 |
| Attend / participate in a sporting event | 1.1 | 0.9 | 1.4 | 3.0 |
| Attend / participate in a cultural event | 0.5 | 0.6 | 0.4 | 0.9 |
| Medical treatment | 0.0 | 0.0 | 0.0 | 0.0 |
| Shopping / fashion | 0.0 | 0.0 | 0.0 | 4.4 |
| Other | 3.5 | 3.5 | 3.5 | 3.6 |
| Secondary purpose of trip | | | | |
| Vacation | 45.7 | 41.4 | 52.8 | 22.1 |
| Attend a business meeting / conduct business | 4.4 | 5.2 | 3.0 | 1.3 |

Continued on next page.

Table 7.20-- VISITOR PROFILE AND TRIP CHARACTERISTICS OF VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2006 - Con.

| Characteristic | U.S. total | U.S. West 1/ | U.S. East 2/ | Japan |
|--|------------|--------------|--------------|-------|
| Secondary purpose of trip - Con. | | | | |
| Attend a convention / conference / seminar | 1.9 | 2.3 | 1.4 | 0.5 |
| Incentive / reward | 3.9 | 3.7 | 4.3 | 1.2 |
| Visit friends / relatives | 22.4 | 25.5 | 17.3 | 3.9 |
| Get married | 0.6 | 0.7 | 0.5 | 1.1 |
| Attend / participate in wedding | 1.7 | 2.2 | 0.9 | 3.8 |
| Honeymoon | 2.6 | 1.7 | 4.1 | 3.5 |
| Attend / participate in a sporting event | 2.0 | 1.8 | 2.2 | 3.7 |
| Attend / participate in a cultural event | 1.7 | 1.8 | 1.6 | 1.9 |
| Medical treatment | 0.2 | 0.2 | 0.3 | 0.6 |
| Shopping / fashion | 4.2 | 4.6 | 3.7 | 50.8 |
| Other | 8.6 | 9.0 | 8.0 | 5.6 |

1/ Pacific and Mountain States of the United States.

2/ All other states in the Continental United States not included in U.S. West.

3/ For Japanese visitors' income, "Under 1,500,000 Japanese Yen" in place of "Under \$15,000," "1,500,000-2,999,999 Japanese Yen" in place of "\$15,000-\$29,999" etc.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *2006 Visitor Satisfaction and Activity Report*, see also <<http://www.hawaii.gov/dbedt/>>.

Table 7.21-- LENGTH OF STAY OF VISITORS STAYING OVERNIGHT OR LONGER, BY POINT OF ORIGIN: 2006 AND 2007

[Covers visitors staying overnight or longer anywhere in the state, and any overnight or non-overnight interisland trips reported by these visitors. Domestic includes passengers from all flights originating from the mainland United States. International includes passengers from all flights originating from U.S. territories and other countries]

| Length of stay | 2006 | | | 2007 | | |
|----------------|-----------|-----------|---------------|-----------|-----------|---------------|
| | Total | Domestic | International | Total | Domestic | International |
| All visitors | 7,461,299 | 5,495,813 | 1,965,486 | 7,496,820 | 5,582,530 | 1,914,290 |
| 1 to 6 days | 2,572,678 | 1,202,268 | 1,370,410 | 2,193,786 | 1,206,822 | 1,311,426 |
| 7 to 12 days | 3,809,778 | 3,391,566 | 418,212 | 4,183,128 | 3,448,921 | 429,291 |
| 13 to 30 days | 990,462 | 834,542 | 155,920 | 1,027,395 | 857,189 | 150,661 |
| 31 to 365 days | 88,381 | 67,437 | 20,944 | 92,511 | 69,598 | 22,913 |
| Median (days) | 7.25 | 8.00 | 5.00 | 7.30 | 8.00 | 5.00 |
| Mean (days) | 9.18 | 9.83 | 7.35 | 9.22 | 9.87 | 7.33 |

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt>>.

**Table 7.22-- JAPANESE VISITOR ARRIVALS AND EXPENDITURES:
2002 TO 2007**

[Covers visitors staying overnight or longer anywhere in the state, and any overnight or non-overnight interisland trips reported by these visitors]

| Subject | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|--------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Arrivals (1,000) | 1,483 | 1,340 | 1,482 | 1,517 | 1,363 | 1,296 |
| Average stay (days) | 5.9 | 5.9 | 5.8 | 5.7 | 5.6 | 5.7 |
| Expenditures (mil. dol.) | 2,041 | 1,902 | 2,163 | 2,214 | 2,037 | 1,982 |

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt>>.

Table 7.23-- AVERAGE EXPENDITURE PER VISITOR DAY, BY ORIGIN OF VISITORS: 1931-1932 TO 2007

[Covers visitors staying overnight or longer anywhere in the state, and any overnight or non-overnight interisland trips reported by these visitors. Dollars. Unweighted averages for mainlanders before 1988 and for Japanese before 1990]

| Year | Mainlanders | Japanese | Year | Mainlanders | Japanese |
|------------|-------------|----------|------|-------------|----------|
| 1931-32 1/ | 17.50 | (NA) | 1993 | 116.15 | 306.54 |
| 1951 | 28.00 | (NA) | 1994 | 133.79 | 340.88 |
| 1960-61 | 32.00 | (NA) | 1995 | 132.73 | 356.15 |
| 1965-66 1/ | 37.23 | (NA) | 1996 | 137.04 | 286.89 |
| 1974 | 46.20 | 123.00 | 1997 | 157.07 | 279.58 |
| 1977 | 54.62 | 146.85 | 1998 | 147.37 | 235.25 |
| 1980 | 71.24 | 185.00 | 1999 | 148.91 | 207.46 |
| 1983 | 85.88 | 227.32 | 2000 | 154.92 | 214.20 |
| 1986 | 95.40 | 299.00 | 2001 | 142.75 | 227.05 |
| 1987 | 102.49 | 324.00 | 2002 | 150.39 | 233.13 |
| 1988 | 121.44 | 350.00 | 2003 | 157.18 | 240.09 |
| 1989 | 126.57 | 322.00 | 2004 | 157.95 | 251.47 |
| 1990 | 136.30 | 294.04 | 2005 | 160.79 | 255.42 |
| 1991 | 140.54 | 344.29 | 2006 | 2/ 166.28 | 266.47 |
| 1992 | 117.14 | 344.68 | 2007 | 170.29 | 268.83 |

NA Not available.

1/ Oahu only.

2/ Revised from previous *Data Book*.

Source: Hawaii Visitors Bureau, *1983 Visitor Expenditure Survey* (1985), p. 31; *1989 Expenditures, Westbound Visitors to Hawaii* (1990), pp. 29 and 30; *1991 Visitor Expenditure Report* (1992), pp. 6 and 68; *1992 Visitor Expenditure Report* (1993), p. 61; Hawaii Visitors & Convention Bureau, *Hawaii Visitors & Convention Bureau 1995 & 1996 Research Report*, pp.109-110, Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt>>.

Table 7.24-- AVERAGE EXPENDITURE PER VISITOR DAY IN CONSTANT DOLLARS, FOR VISITORS FROM THE MAINLAND: 1931-1932 TO 2007

[Covers visitors staying overnight or longer anywhere in the state, and any overnight or non-overnight interisland trips reported by these visitors]

| Year | U.S. CPI (1982-84=100) | Average expend. per vis. day 1/ | Year | U.S. CPI (1982-84=100) | Average expend. per vis. day 1/ |
|------------|---------------------------|---------------------------------------|---------|---------------------------|---------------------------------------|
| 1931-32 2/ | 14.4 | 122 | 1993 | 144.5 | 80 |
| 1951 | 26.0 | 108 | 1994 | 148.2 | 90 |
| 1960-61 | 29.8 | 107 | 1995 | 152.4 | 87 |
| 1965-66 2/ | 32.0 | 116 | 1996 | 156.9 | 87 |
| 1974 | 49.3 | 94 | 1997 | 160.5 | 98 |
| 1977 | 60.6 | 90 | 1998 | 163.0 | 90 |
| 1980 | 82.4 | 86 | 1999 | 166.6 | 89 |
| 1983 | 99.6 | 86 | 2000 | 172.2 | 90 |
| 1986 | 109.6 | 87 | 2001 | 177.1 | 81 |
| 1987 | 113.6 | 90 | 2002 | 179.9 | 84 |
| 1988 | 118.3 | 103 | 2003 | 184.0 | 85 |
| 1989 | 124.0 | 102 | 2004 | 188.9 | 84 |
| 1990 | 130.7 | 104 | 2005 | 195.3 | 82 |
| 1991 | 136.2 | 103 | 2006 3/ | 201.6 | 82 |
| 1992 | 140.3 | 83 | 2007 | 207.3 | 82 |

1/ In constant (1982-84) dollars.

2/ Oahu only.

3/ Revised from previous Data Book.

Source: Preceding table; U.S. Bureau of Labor Statistics, *CPI Detailed Report*, and <<http://stats.bls.gov/home.htm>> accessed on July 13, 2007 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 7.25- EXPENDITURES PER VISITOR DAY BY VISITORS FROM SELECTED GEOGRAPHIC AREA, BY EXPENDITURE TYPE: 2006 AND 2007

[Covers visitors staying overnight or longer anywhere in the state, and any overnight or non-overnight interisland trips reported by these visitors. In dollars for visitors who stayed in hotels, condominiums, and bed & breakfasts]

| Expenditure type | Visitors from U.S. west 1/ | | Visitors from U.S. east 2/ | | Visitors from Japan | |
|-------------------------------|----------------------------|-------|----------------------------|-------|---------------------|-------|
| | 2006 3/ | 2007 | 2006 3/ | 2007 | 2006 | 2007 |
| All items | 156.5 | 155.9 | 181.1 | 192.8 | 266.5 | 268.8 |
| Total food and beverage | 31.9 | 32.3 | 35.2 | 36.0 | 42.0 | 42.9 |
| Restaurant food | 21.2 | 21.0 | 24.8 | 25.1 | 29.1 | 29.7 |
| Dinner shows and cruises | 3.3 | 3.7 | 4.4 | 4.4 | 5.3 | 5.3 |
| Groceries and snacks | 7.4 | 7.7 | 6.0 | 6.5 | 7.6 | 7.9 |
| Entertainment & recreation 4/ | 15.0 | 14.4 | 19.1 | 19.2 | 19.7 | 20.3 |
| Total transportation | 16.7 | 17.6 | 17.8 | 22.0 | 11.6 | 11.7 |
| Interisland airfare | 2.9 | 5.0 | 3.3 | 7.9 | 3.7 | 3.6 |
| Ground transportation | 0.7 | 0.6 | 1.0 | 0.9 | 4.8 | 4.8 |
| Rental vehicles | 11.6 | 10.6 | 11.8 | 11.5 | 2.7 | 2.9 |
| Gasoline, parking, etc. | 1.5 | 1.4 | 1.7 | 1.6 | 0.3 | 0.4 |
| Total shopping | 20.6 | 20.1 | 22.5 | 23.2 | 98.8 | 94.7 |
| Fashion and clothing | 7.9 | 7.4 | 7.9 | 7.8 | 26.1 | 25.1 |
| Jewelry and watches | 5.1 | 4.7 | 6.0 | 5.6 | 13.6 | 11.8 |
| Cosmetics, perfume | 0.3 | 0.4 | 0.3 | 0.4 | 5.6 | 5.5 |
| Leather goods | 0.6 | 0.7 | 0.5 | 0.8 | 33.7 | 32.0 |
| Hawaii food products | 2.1 | 2.1 | 2.0 | 2.2 | 10.7 | 11.2 |
| Souvenirs | 4.6 | 4.7 | 5.8 | 6.5 | 9.0 | 9.1 |
| Lodging | 64.3 | 63.4 | 73.5 | 74.4 | 75.4 | 79.0 |
| All other expenses | 8.0 | 8.1 | 13.0 | 18.1 | 19.0 | 20.2 |

Continued on next page.

Table 7.25-- EXPENDITURES PER VISITOR DAY BY VISITORS FROM SELECTED GEOGRAPHIC AREA, BY EXPENDITURE TYPE: 2006 AND 2007 -- Con.

| Expenditure type | Visitors from Canada | | Visitors from Europe 5/ | | Visitors from Oceania 6/ | |
|-------------------------------|----------------------|-------|-------------------------|-------|--------------------------|-------|
| | 2006 3/ | 2007 | 2006 3/ | 2007 | 2006 3/ | 2007 |
| All items | 142.9 | 150.8 | 168.6 | 174.7 | 201.8 | 212.3 |
| Total food and beverage | 30.4 | 31.0 | 36.5 | 32.5 | 45.7 | 47.9 |
| Restaurant food | 19.6 | 19.3 | 26.0 | 24.7 | 34.6 | 36.3 |
| Dinner shows and cruises | 2.8 | 2.9 | 4.0 | 1.8 | 4.1 | 4.5 |
| Groceries and snacks | 8.0 | 8.7 | 6.5 | 6.0 | 7.0 | 7.0 |
| Entertainment & recreation 4/ | 12.2 | 11.7 | 11.4 | 12.9 | 18.7 | 18.9 |
| Total transportation | 13.6 | 13.9 | 17.2 | 19.8 | 13.1 | 14.2 |
| Interisland airfare | 2.4 | 1.7 | 3.9 | 5.8 | 3.7 | 4.4 |
| Ground transportation | 1.0 | 0.9 | 1.8 | 1.8 | 2.2 | 2.9 |
| Rental vehicles | 8.9 | 9.8 | 10.4 | 10.9 | 6.4 | 6.2 |
| Gasoline, parking, etc. | 1.3 | 1.4 | 1.0 | 1.3 | 0.7 | 0.8 |
| Total shopping | 18.4 | 18.1 | 20.8 | 21.3 | 41.2 | 49.4 |
| Fashion and clothing | 9.2 | 8.9 | 9.6 | 11.3 | 22.9 | 27.1 |
| Jewelry and watches | 3.0 | 3.0 | 3.3 | 3.6 | 7.1 | 8.7 |
| Cosmetics, perfume | 0.6 | 0.3 | 0.7 | 0.4 | 2.7 | 3.8 |
| Leather goods | 0.6 | 0.5 | 0.4 | 1.2 | 2.1 | 2.6 |
| Hawaii food products | 1.6 | 1.5 | 1.0 | 1.2 | 1.1 | 1.0 |
| Souvenirs | 3.5 | 3.8 | 5.8 | 3.6 | 5.3 | 6.2 |
| Lodging | 62.0 | 64.5 | 78.5 | 76.7 | 75.2 | 73.9 |
| All other expenses | 6.5 | 11.7 | 4.3 | 11.4 | 7.9 | 8.0 |

Continued on next page.

Table 7.25-- EXPENDITURES PER VISITOR DAY BY VISITORS FROM SELECTED GEOGRAPHIC AREA, BY EXPENDITURE TYPE: 2006 AND 2007 -- Con.

| Expenditure type | Visitors from other Asia 7/ | | Visitors from Latin America 8/ | | Visitors from other markets 9/ | |
|-------------------------------|-----------------------------|-------|--------------------------------|-------|--------------------------------|-------|
| | 2006 | 2007 | 2006 | 2007 | 2006 3/ | 2007 |
| All items | 208.2 | 233.8 | 159.6 | 195.0 | 161.2 | 175.9 |
| Total food and beverage | 39.8 | 42.4 | 33.0 | 28.3 | 29.9 | 31.9 |
| Restaurant food | 28.5 | 30.2 | 22.6 | 21.1 | 19.4 | 21.8 |
| Dinner shows and cruises | 5.9 | 6.0 | 4.2 | 2.0 | 2.7 | 1.8 |
| Groceries and snacks | 5.3 | 6.2 | 6.2 | 5.2 | 7.8 | 8.4 |
| Entertainment & recreation 4/ | 20.0 | 25.1 | 14.7 | 13.9 | 10.7 | 12.1 |
| Total transportation | 14.1 | 24.0 | 14.9 | 17.8 | 16.1 | 16.0 |
| Interisland airfare | 4.7 | 10.9 | 3.8 | 3.3 | 4.6 | 3.0 |
| Ground transportation | 2.8 | 4.7 | 1.6 | 1.0 | 1.4 | 2.1 |
| Rental vehicles | 6.0 | 7.2 | 7.6 | 11.4 | 9.2 | 9.4 |
| Gasoline, parking, etc. | 0.7 | 1.2 | 1.9 | 2.2 | 1.0 | 1.4 |
| Total shopping | 58.6 | 52.1 | 26.1 | 29.9 | 28.1 | 39.1 |
| Fashion and clothing | 18.7 | 22.5 | 12.9 | 16.9 | 13.2 | 26.4 |
| Jewelry and watches | 12.4 | 5.5 | 3.7 | 2.7 | 3.6 | 3.6 |
| Cosmetics, perfume | 3.9 | 3.2 | 0.9 | 0.7 | 0.6 | 0.7 |
| Leather goods | 11.6 | 9.4 | 0.5 | 2.5 | 0.7 | 2.3 |
| Hawaii food products | 5.7 | 6.5 | 2.0 | 2.0 | 2.9 | 1.3 |
| Souvenirs | 6.3 | 4.9 | 6.0 | 5.1 | 7.0 | 4.7 |
| Lodging | 65.6 | 78.7 | 60.7 | 52.5 | 73.5 | 56.4 |
| All other expenses | 10.1 | 11.6 | 10.3 | 52.7 | 2.9 | 20.4 |

1/ Pacific and Mountain States of the United States.

2/ All other States in the continental United States not included in U.S. West.

3/ Revised from previous *Data Book*.

4/ Due to changes in survey forms in 2003, spending on optional tours included in the Entertainment & Recreation category for 2003.

5/ Includes United Kingdom, Germany, France, Italy, and Switzerland.

6/ Includes Australia and New Zealand.

7/ Includes China, Hong Kong, Korea (South), Singapore, and Taiwan.

8/ Includes Argentina, Brazil, and Mexico.

9/ Includes all countries and districts not listed in other MMAs, including Guam, Puerto Rico, U.S. Virgin Islands, and other U.S. territories.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.26-- TOTAL VISITOR EXPENDITURES BY EXPENDITURE TYPE:
2006 AND 2007**

[Covers visitors staying overnight or longer anywhere in the state, and any overnight or non-overnight interisland trips reported by these visitors. In millions of dollars for visitors who stayed in hotels, condominiums, and bed & breakfasts]

| Expenditure type | 2006 1/ | 2007 | Percent change 1/ |
|----------------------------|----------|----------|-------------------|
| All items | 12,491.6 | 12,811.0 | 2.6 |
| Total food and beverage | 2,372.4 | 2,415.0 | 1.8 |
| Restaurant food | 1,619.9 | 1,631.0 | 0.7 |
| Dinner shows and cruises | 266.7 | 273.7 | 2.6 |
| Groceries and snacks | 485.8 | 510.3 | 5.1 |
| Entertainment & recreation | 1,147.4 | 1,142.9 | -0.4 |
| Total transportation | 1,125.4 | 1,246.9 | 10.8 |
| Interisland airfare | 226.8 | 381.3 | 68.1 |
| Ground transportation | 96.9 | 95.5 | -1.5 |
| Rental vehicles | 706.7 | 677.1 | -4.2 |
| Gasoline, parking, etc. | 95.0 | 93.1 | -2.0 |
| Total shopping | 2,164.3 | 2,151.6 | -0.6 |
| Fashion and clothing | 748.6 | 777.5 | 3.9 |
| Jewelry and watches | 435.3 | 394.1 | -9.5 |
| Cosmetics, perfume | 72.4 | 73.1 | 1.0 |
| Leather goods | 303.9 | 298.9 | -1.7 |
| Hawaii food products | 212.9 | 213.3 | 0.2 |
| Souvenirs | 391.2 | 394.7 | 0.9 |
| Lodging | 4,777.1 | 4,746.1 | -0.6 |
| All other expenses 2/ | 714.2 | 923.1 | 29.3 |
| Supplemental business | 190.7 | 185.2 | -2.9 |

1/ Revised from previous *Data Book*.

2/ Includes cruise package spending on U.S. Flagged Hawai'i home-ported ships.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt/>>.

Table 7.27-- EXPENDITURES PER VISITOR DAY BY VISITORS FROM U.S. WEST, U.S. EAST, AND JAPAN, BY VISITOR OR TRIP CHARACTERISTICS: 2006 AND 2007

[Covers visitors staying overnight or longer anywhere in the state, and any overnight or non-overnight interisland trips reported by these visitors. In dollars]

| Visitor or trip characteristics | Visitors from US west 1/ | | Visitors from US east 2/ | | Visitors from Japan | |
|--|--------------------------|-------|--------------------------|-------|---------------------|-------|
| | 2006 3/ | 2007 | 2006 3/ | 2007 | 2006 3/ | 2007 |
| All visitors | 156.5 | 155.9 | 181.1 | 192.8 | 266.5 | 268.8 |
| Group tour status: | | | | | | |
| Organized group tour | 208.9 | 173.1 | 211.9 | 209.8 | 265.1 | 273.1 |
| Individually arranged | 155.0 | 156.0 | 178.8 | 191.6 | 267.7 | 267.6 |
| Arrived on package tour: | | | | | | |
| Yes | 184.0 | 184.8 | 225.1 | 241.5 | 280.8 | 285.8 |
| No | 147.4 | 147.5 | 162.9 | 174.6 | 193.0 | 194.9 |
| Accommodations: | | | | | | |
| Hotel | 203.9 | 207.3 | 228.9 | 243.5 | 281.8 | 285.8 |
| Condo | 157.8 | 150.6 | 170.9 | 177.1 | 165.6 | 175.8 |
| Guests of friends and relatives | 95.9 | 72.8 | 73.1 | 76.8 | 114.1 | 101.5 |
| Timeshare | 112.9 | 117.4 | 123.4 | 137.4 | 147.3 | 162.0 |
| Previous visits: | | | | | | |
| First trip | 173.2 | 166.6 | 198.8 | 201.6 | 284.7 | 294.1 |
| Repeat visitors | 152.1 | 153.4 | 166.8 | 186.4 | 254.4 | 253.4 |
| Purpose of trip: | | | | | | |
| Pleasure | 156.4 | 156.5 | 185.5 | 193.4 | 248.9 | 251.1 |
| Business, meetings, conventions, incentive | 196.0 | 177.5 | 234.0 | 262.2 | 267.1 | 253.0 |
| On honeymoon | 225.1 | 228.2 | 252.6 | 279.1 | 354.7 | 356.1 |

1/ Pacific and Mountain States of the United States.

2/ All other states in the continental United States not included in U.S. West.

3/ Revised from previous *Data Book*.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt/>>.

Table 7.28-- ESTIMATED VISITOR EXPENDITURES: 1951 TO 2007

[Covers visitors staying overnight or longer anywhere in the state, and any overnight or non-overnight interisland trips reported by these visitors. In millions of dollars]

| Year | Personal expenditures | Year | Personal expenditures | Year | Personal expenditures | Additional business expend. 1/ |
|------|-----------------------|------|-----------------------|---------|-----------------------|--------------------------------|
| 1951 | 24 | 1970 | 595 | 1989 | 8,371 | 113 |
| 1952 | 33 | 1971 | 705 | 1990 | 8,707 | 119 |
| 1953 | 43 | 1972 | 836 | 1991 | 9,004 | 138 |
| 1954 | 49 | 1973 | 1,017 | 1992 | 8,614 | 141 |
| 1955 | 55 | 1974 | 1,233 | 1993 | 7,808 | 120 |
| 1956 | 65 | 1975 | 1,355 | 1994 | 9,544 | 133 |
| 1957 | 78 | 1976 | 1,637 | 1995 | 10,067 | 141 |
| 1958 | 83 | 1977 | 1,834 | 1996 | 9,569 | 140 |
| 1959 | 109 | 1978 | 2,150 | 1997 | 10,102 | 147 |
| 1960 | 131 | 1979 | 2,541 | 1998 | 9,910 | 149 |
| 1961 | 137 | 1980 | 2,871 | 1999 | 9,844 | 161 |
| 1962 | 154 | 1981 | 3,195 | 2000 | 10,396 | 194 |
| 1963 | 186 | 1982 | 3,687 | 2001 | 8,916 | 145 |
| 1964 | 205 | 1983 | 3,847 | 2002 | 9,465 | 144 |
| 1965 | 225 | 1984 | 4,442 | 2003 | 9,889 | 165 |
| 1966 | 280 | 1985 | 4,780 | 2004 | 10,702 | 160 |
| 1967 | 380 | 1986 | 5,567 | 2005 | 11,696 | 208 |
| 1968 | 440 | 1987 | 6,281 | 2006 2/ | 12,301 | 191 |
| 1969 | 550 | 1988 | 7,813 | 2007 | 12,626 | 185 |

1/ By MCI (meetings, conventions, and incentive) visitors. For discussion, see Hawaii Visitors Bureau, *The 1990 Visitor Expenditure Report* (1991), pp. 35-40. See *2001 Data Book* for 1985-86, not available before 1985.

2/ Revised from previous *Data Book*.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.29-- VISITOR EXPENDITURES, BY COUNTRY OF RESIDENCE:
1999 TO 2007**

[Covers visitors staying overnight or longer anywhere in the state, and any overnight or non-overnight interisland trips reported by these visitors. In thousands of dollars]

| Year | Total expenditures | Personal (diary) expenditures | | | | | Additional business (MCI) expenditures |
|---------|--------------------|-------------------------------|---------------|-----------|---------|-----------------|--|
| | | All countries | United States | Japan | Canada | Other countries | |
| 1999 | 10,005,074 | 9,843,993 | 5,776,260 | 2,359,243 | 479,568 | 1,228,923 | 161,080 |
| 2000 | 10,590,203 | 10,395,854 | 6,452,691 | 2,370,355 | 451,457 | 1,121,352 | 194,349 |
| 2001 | 9,061,303 | 8,916,386 | 5,708,118 | 2,089,235 | 309,198 | 809,835 | 144,917 |
| 2002 | 9,608,876 | 9,464,976 | 6,133,405 | 2,041,437 | 269,609 | 1,020,526 | 143,900 |
| 2003 | 10,054,445 | 9,889,245 | 6,607,525 | 1,901,865 | 335,480 | 1,044,374 | 165,200 |
| 2004 | 10,861,777 | 10,701,977 | 7,095,222 | 2,162,626 | 363,610 | 1,080,519 | 159,800 |
| 2005 | 11,904,005 | 11,696,205 | 7,840,632 | 2,214,369 | 451,040 | 1,190,164 | 207,800 |
| 2006 1/ | 12,491,628 | 12,300,936 | 8,385,214 | 2,037,207 | 507,950 | 1,370,565 | 190,692 |
| 2007 | 12,811,058 | 12,625,831 | 8,536,922 | 1,982,022 | 634,161 | 1,472,726 | 185,227 |

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records.

See also <<http://www3.hawaii.gov/dbedt/latest>>.

**Table 7.30-- CRUISE SHIP ARRIVAL AND PASSENGER COUNT:
2003 TO 2007**

| Subject | 2003 | 2004 | 2005 | 2006 | 2007 |
|---------------------------|-------------|-------------|-------------|-------------|-------------|
| Number of ships, arrivals | 28 | 29 | 26 | 29 | 30 |
| Number of tours 1/ | 125 | 146 | 175 | 216 | 252 |
| Number of passengers | 236,149 | 240,800 | 321,522 | 426,194 | 513,840 |
| Out of state visitors | 230,495 | 237,223 | 316,546 | 415,967 | 503,020 |
| Arrived by air | 173,463 | 157,390 | 238,884 | 315,955 | 372,021 |
| Arrived by ship | 57,032 | 79,833 | 77,662 | 100,012 | 130,999 |
| Hawaii residents | 5,654 | 3,577 | 4,977 | 10,227 | 10,820 |

1/ A tour starts when a ship first calls a Hawaiian port or when all new passengers embark at a Hawaii port. One ship may make several tours around the Hawaiian islands with a stop at Fanning Island or Christmas Island during the trip.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch records. See also <<http://www.hawaii.gov/dbedt>>.

**Table 7.31-- ESTIMATED DIRECT VISITOR-RELATED EXPENDITURES:
1997 TO 2007**

[In millions of dollars]

| Year | Total | Visitors | Overseas airlines | Cruise lines |
|-------------|--------------|-----------------|--------------------------|---------------------|
| 1997 1/ | 11,520.4 | 10,249.3 | 1,242.6 | 28.4 |
| 1998 1/ | 11,379.9 | 10,058.8 | 1,256.6 | 64.5 |
| 1999 1/ | 11,380.9 | 10,005.1 | 1,315.8 | 60.1 |
| 2000 1/ | 12,017.7 | 10,590.1 | 1,360.8 | 66.8 |
| 2001 1/ | 10,412.2 | 9,061.3 | 1,280.6 | 70.3 |
| 2002 1/ | 11,045.5 | 9,608.9 | 1,340.0 | 96.6 |
| 2003 1/ | 11,468.3 | 10,054.5 | 1,313.4 | 100.3 |
| 2004 1/ | 12,406.8 | 10,861.8 | 1,405.4 | 139.6 |
| 2005 1/ | 13,554.6 | 11,904.0 | 1,519.7 | 130.9 |
| 2006 | 14,517.9 | 12,811.1 | 1,559.0 | 147.8 |
| 2007 | 14,248.5 | 12,491.6 | 1,563.3 | 193.6 |

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Business, Economic Development & Tourism, records.

See also <<http://www.hawaii.gov/dbedt>>.

Table 7.32-- ECONOMIC ACTIVITY GENERATED BY VISITOR-RELATED EXPENDITURES: 2002 TO 2007

[Direct impact only]

| Year | Visitor-related expenditures (million dollars) | Gross State Product (million dollars) | Household income (million dollars) | State and county tax revenues (million dollars) | Jobs (1,000) |
|-------------|---|--|---|--|---------------------|
| 2002 1/ | 11,045.5 | 8,659.1 | 4,485.0 | 897.5 | 157.2 |
| 2003 1/ | 11,468.3 | 8,643.7 | 5,486.3 | 977.8 | 154.8 |
| 2004 1/ | 12,406.8 | 9,655.5 | 6,019.5 | 1,042.3 | 162.2 |
| 2005 1/ | 13,554.6 | 10,596.2 | 6,479.9 | 1,128.8 | 171.3 |
| 2006 1/ | 14,517.9 | 11,338.3 | 7,302.2 | 1,136.6 | 178.6 |
| 2007 | 14,248.5 | 11,182.0 | 7,205.1 | 1,119.8 | 176.2 |

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Business, Economic Development & Tourism, records.
See also <<http://www.hawaii.gov/dbedt>>.

Table 7.33-- WAIKIKI'S SHARE OF TOURISM: 2002

| Measure of tourism | Statewide visitor industry | Waikiki | |
|--|----------------------------|--------------|------------------------------|
| | | Number | Percent of statewide tourism |
| Visitors | 6,389,018 | 1/ 3,718,768 | 2/ (X) |
| Average daily visitors census | 164,634 | 1/ 71,756 | 43.6 |
| Visitors units | 70,783 | 31,717 | 44.8 |
| Occupied units (average) | 49,053 | 22,297 | 45.5 |
| Total visitor expenditures (\$millions) 3/ | 11,024 | 5,016 | 45.5 |

X Not applicable.

1/ Estimated as a proportion of Oahu.

2/ Because many visitors tour more than one island, percent is not applicable.

3/ Includes a portion of the overseas airfare supporting Hawaii-based airline services.

Source: Hawaii State Department of Business, Economic Development & Tourism, *e-reports, The Economic Contribution of Waikiki*.

Table 7.34-- CONTRIBUTION TO THE STATES' ECONOMY BY STATEWIDE VISITOR INDUSTRY AND WAIKIKI: 2002

| Measure of tourism | Statewide visitor industry contribution to economy | | Waikiki contribution to State economy | |
|---|--|--------------------------|---------------------------------------|--------------------------|
| | Number | Percent of State economy | Number | Percent of State economy |
| Direct impact 1/ Gross State Product (GSP) 2/ Civilian jobs 3/ State and local taxes (\$millions) | (X) 122,219 776 | (X) 17.0 21.6 | (X) 55,610 353 | (X) 7.7 9.8 |
| Direct and indirect 4/ Gross State Product (\$millions) 4/ Civilian jobs 3/ State and local taxes (\$millions) | 7,974 160,787 949 | 17.3 22.3 26.4 | 3,628 73,158 432 | 7.9 10.2 12.0 |

X Not applicable.

1/ Measures the impact of visitor expenditures on only those firms that sell directly to visitors.

2/ In this Input-Output analysis, direct and indirect GSP are not readily separated.

3/ Civilian jobs include wage and salary jobs plus self-employed but exclude non-civilian military jobs.

4/ Measures the impact of visitor expenditures through all firms that contributed to goods and services sold to visitors.

Source: Hawaii State Department of Business, Economic Development & Tourism, *e-reports, The Economic Contribution of Waikiki*.

Table 7.35-- VISITOR INDUSTRY PRICES, PRICE DEFLATOR, AND PRICE INDEXES: 1983 TO 2007

| Year | Implicit price deflator 1/ (2000=100) | Average daily room rate 2/ (dollars) | 1-way air fares (dollars) | | Honolulu Consumer Price Index 5/ (1982-84=100) | | |
|------|---------------------------------------|--------------------------------------|---------------------------|---------------------|--|---------|-----------|
| | | | San Francisco-Honolulu 3/ | Honolulu-Kahului 4/ | Food away from home | Apparel | All items |
| 1983 | (NA) | 54.78 | 353.14 | 49.95 | 100.1 | 101.4 | 99.3 |
| 1984 | (NA) | 59.25 | 353.14 | 49.95 | 104.5 | 100.2 | 103.5 |
| 1985 | (NA) | 68.84 | 364.00 | 44.95 | 108.6 | 99.6 | 106.8 |
| 1986 | (NA) | 73.20 | 364.00 | 46.95 | 111.4 | 99.8 | 109.4 |
| 1987 | (NA) | 80.09 | 486.00 | 48.95 | 115.6 | 102.5 | 114.9 |
| 1988 | (NA) | 87.94 | 494.00 | 48.95 | 121.0 | 106.8 | 121.7 |
| 1989 | (NA) | 95.83 | 524.00 | 44.95 | 122.2 | 104.3 | 128.7 |
| 1990 | (NA) | 102.10 | 560.00 | 54.95 | 128.0 | 107.0 | 138.1 |
| 1991 | (NA) | 101.89 | 642.00 | 65.95 | 133.6 | 110.5 | 148.0 |
| 1992 | (NA) | 105.59 | 400.00 | 69.95 | 137.8 | 114.2 | 155.1 |
| 1993 | (NA) | 103.26 | 566.00 | 74.00 | 141.9 | 116.5 | 160.1 |
| 1994 | (NA) | 105.46 | 566.00 | 74.00 | 146.4 | 118.7 | 164.5 |
| 1995 | (NA) | 109.39 | 596.00 | 74.00 | 149.2 | 117.5 | 168.1 |
| 1996 | (NA) | 116.79 | 530.00 | 85.00 | 150.8 | 118.5 | 170.7 |
| 1997 | 92.9 | 124.96 | 521.00 | 80.00 | 152.6 | 117.3 | 171.9 |
| 1998 | 94.9 | 129.66 | 521.00 | 88.00 | 153.3 | 112.2 | 171.5 |
| 1999 | 97.2 | 131.66 | 536.00 | 94.75 | 158.3 | 105.4 | 173.3 |
| 2000 | 100.0 | 140.63 | 576.00 | 94.50 | 160.0 | 103.5 | 176.3 |
| 2001 | 102.9 | 144.88 | 692.00 | 95.25 | 164.0 | 101.0 | 178.4 |
| 2002 | 105.8 | 140.89 | 692.00 | 99.00 | 166.0 | 102.6 | 180.3 |
| 2003 | 109.1 | 144.16 | 714.00 | 119.00 | 167.1 | 98.5 | 184.5 |
| 2004 | 112.9 | 152.17 | 714.00 | 139.60 | 171.0 | 101.2 | 190.6 |
| 2005 | 6/ 116.9 | 166.16 | 829.00 | 144.70 | 176.4 | 102.5 | 197.8 |
| 2006 | 6/ 121.2 | 6/ 187.19 | (NA) | 167.80 | 186.0 | 104.4 | 209.4 |
| 2007 | 123.4 | 199.87 | (NA) | 182.90 | 195.1 | 104.1 | 219.5 |

NA Not available.

1/ Hawaii State Department of Business, Economic Development, & Tourism, calculations.

2/ For 1980-1994 Pannell Kerr Forster, *Trends in the Hotel Industry, Hawaii* (monthly). For 1995-2007 Smith Travel Research, Hospitality Advisors LLC, *Hawaii Hotel Flash Report* (December/Year-End Highlights).

3/ Unrestricted coach or economy weekday fare, including taxes as of July 1, by United Airlines. From chronology in *Data Book*, (1998 figure as of July 27, 2004 figure as of May 3, and 2005 figure as of June 2).

4/ Regular fare, including taxes, as of July 1, by Hawaiian Airlines. From chronology in *Data Book* and Hawaiian Airlines, records.

5/ Honolulu CPI for All Urban Consumers, from U.S. Bureau of Labor Statistics.

6/ Revised from previous year *Data Book*.

Source: See above footnotes.

**Table 7.36-- RETURNING RESIDENTS AND AVERAGE NUMBER ABSENT,
BY POINT OF ORIGIN: 1993 TO 2007**

| Year | Number returning | | | Average number absent | | |
|------|------------------|-----------|----------------|-----------------------|----------|----------------|
| | Total | Domestic | Inter-national | Total | Domestic | Inter-national |
| 1993 | 832,592 | 716,100 | 116,492 | 52,487 | 44,890 | 7,597 |
| 1994 | 858,075 | 738,540 | 119,535 | 54,362 | 46,150 | 8,212 |
| 1995 | 878,599 | 755,970 | 122,629 | 55,856 | 47,864 | 7,992 |
| 1996 | 889,496 | 764,790 | 124,706 | 58,137 | 50,108 | 8,029 |
| 1997 | 925,812 | 796,650 | 129,162 | 40,898 | 35,467 | 5,431 |
| 1998 | 931,068 | 796,967 | 134,101 | 38,495 | 34,791 | 3,704 |
| 1999 | 939,622 | 805,318 | 134,304 | 42,297 | 36,339 | 5,958 |
| 2000 | 1,001,174 | 839,772 | 161,402 | 46,151 | 37,307 | 8,844 |
| 2001 | 982,508 | 815,293 | 167,215 | 46,566 | 36,029 | 10,537 |
| 2002 | 991,557 | 850,786 | 140,771 | 46,757 | 35,810 | 10,947 |
| 2003 | 1,057,615 | 930,265 | 127,350 | 53,447 | 44,682 | 8,764 |
| 2004 | 1,140,779 | 976,976 | 163,803 | 57,481 | 47,436 | 10,044 |
| 2005 | 1,252,012 | 1,078,468 | 173,544 | 65,674 | 53,789 | 11,884 |
| 2006 | 1,362,507 | 1,175,635 | 186,872 | 68,656 | 56,964 | 11,691 |
| 2007 | 1,364,505 | 1,160,029 | 204,476 | 71,626 | 57,906 | 13,719 |

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt>>.

Table 7.37-- TRAVEL CHARACTERISTICS FOR HAWAII AND THE UNITED STATES: 1977 AND 1995

[Trips of 100 miles or more, one way. Excludes travel outside the U.S.]

| Subject | Hawaii | | | United States | | |
|-------------------------------|--------|--------|----------------|---------------|-------|----------------|
| | 1977 | 1995 | Percent change | 1977 | 1995 | Percent change |
| People who live in area | | | | | | |
| Percent traveling households | 67 | 75 | 12.5 | 72 | 80 | 10.8 |
| Trips per household | 1.3 | 3.1 | 138.5 | 4.1 | 5.5 | 34.1 |
| Trips per traveling household | 1.9 | 4.2 | 121.1 | 5.7 | 6.9 | 21.1 |
| Trips per capita | 0.5 | 1.9 | 280.0 | 2.0 | 4.0 | 66.7 |
| Trips per traveler | (NA) | 2.7 | (NA) | 4.0 | 4.8 | 20.0 |
| Miles per traveler | (NA) | 7,392 | (NA) | 2,836 | 3,943 | 39.0 |
| Miles per trip | (NA) | 2,704 | (NA) | 709 | 827 | 16.6 |
| People who visit area | | | | | | |
| Trips per traveler | 2.1 | 3.4 | 61.9 | 4.0 | 4.8 | 20.0 |
| Miles per traveler | 14,654 | 16,538 | 12.9 | 2,836 | 3,943 | 39.0 |
| Miles per trip | 7,013 | 4,885 | -30.3 | 709 | 827 | 16.6 |

NA Not available.

Source: U.S. Bureau of Transportation Statistics, *1995 American Travel Survey, State Highlights, Hawaii* (1997), table 1.

Table 7.38-- PERSON TRIPS TO, FROM, AND WITHIN HAWAII, BY CENSUS DIVISIONS OR STATES OF DESTINATION OR ORIGIN: 1995

[Trips of 100 miles of more, one way. Excludes travel outside the U.S.]

| Census division or selected state of destination or origin 1/ | Destination of person trips from Hawaii (1,000) | Origin of person trips to Hawaii (1,000) |
|---|---|--|
| Total person trips | 2,086 | 4,624 |
| Within Hawaii 2/ | 1,322 | 1,322 |
| To or from other states | 764 | 3,302 |
| New England | 9 | 69 |
| Mid-Atlantic | 36 | 189 |
| East North Central | 36 | 269 |
| West North Central | 18 | 146 |
| South Atlantic | 71 | 188 |
| East South Central | 13 | 42 |
| West South Central | 33 | 214 |
| Texas | 26 | 182 |
| Mountain | 263 | 236 |
| Nevada | 218 | 35 |
| Pacific (except Hawaii) | 285 | 1,949 |
| Washington | 56 | 261 |
| California | 210 | 1,530 |

1/ Top three states in each category are listed.

2/ Trips with both origin and destination within Hawaii.

Source: U.S. Bureau of Transportation Statistics, *1995 American Travel Survey, Summary Travel Characteristics, Hawaii* (1997), Pub. No. BTS/ATS95-ESTC/HI (Oct. 1, 1997), tables 6-11.

**Table 7.39-- PERSON TRIPS TO, FROM, AND WITHIN HAWAII, BY
SELECTED TRAVELER CHARACTERISTICS: 1995**

[Trips of 100 miles or more, one way. Excludes travel outside the U.S.]

| Travel characteristics | Origin in Hawaii | | | Destination in Hawaii 1/ | |
|--|------------------|-----------------|----------------------|--------------------------|-----------------------|
| | Total | Dest. in Hawaii | Dest. outside Hawaii | Total | Origin outside Hawaii |
| All person trips (1,000) | 2,086 | 1,322 | 764 | 4,624 | 3,302 |
| Age (percent): | | | | | |
| Under 25 years | 18.7 | 20.5 | 15.8 | 17.2 | 15.8 |
| 60 years and over | 16.5 | 11.4 | 25.4 | 14.6 | 15.9 |
| Female (percent) | 46.1 | 45.3 | 47.4 | 47.3 | 48.1 |
| Race (percent): | | | | | |
| White | 36.2 | 34.8 | 38.6 | 65.4 | 77.6 |
| Black | 1.7 | 1.1 | 2.7 | 2.0 | 2.3 |
| Asian or Pacific Islander | 55.7 | 56.2 | 54.8 | 29.2 | 18.4 |
| Household income over \$60,000 (percent) | 50.9 | 49.1 | 53.9 | 53.3 | 54.9 |
| Married-couple household (percent) | 74.3 | 71.8 | 78.5 | 74.9 | 76.1 |
| Bachelor's degree or higher (percent) 2/ | 39.9 | 40.8 | 38.6 | 45.9 | 47.8 |
| Activity status (percent): 2/ | | | | | |
| Working full time | 69.1 | 73.5 | 62.1 | 68.4 | 66.5 |
| Retired | 13.3 | 8.5 | 20.9 | 9.8 | 10.3 |
| All household trips (1,000) | 1,494 | 939 | 555 | 2,992 | 2,054 |
| Mean round-trip distance (miles) | 2,769 | 359 | 6,842 | 4,731 | 6,729 |
| Business trip (percent) | 41.6 | 48.4 | 30.1 | 30.3 | 22.0 |
| Vacation trip (percent) | 43.7 | 35.2 | 58.1 | 61.6 | 73.7 |
| Mean nights away from home | 6.7 | 3.4 | 10.7 | 8.6 | 10.3 |
| Lodging at destination (percent): | | | | | |
| Friend's or relative's home | 40.6 | 46.4 | 33.6 | 27.0 | 20.9 |
| Hotel, motel, or resort | 50.5 | 43.6 | 58.8 | 51.9 | 54.6 |

1/ Includes "destination in Hawaii, origin in Hawaii," same as figures in second column of data.

2/ Persons 16 years and over.

Source: U.S. Bureau of Transportation Statistics, *1995 American Travel Survey, Summary Travel Characteristics, Hawaii*, Pub. No. BTS/ATS95-ESTC/HI (Oct. 1, 1997), tables 1 and 11.

**Table 7.40-- PASSPORTS ISSUED BY THE HONOLULU PASSPORT AGENCY:
2004 TO 2007**

[Calendar year data. The area served by the Honolulu Passport Agency includes Hawaii, American Samoa, Western Samoa, Guam, the Northern Mariana Islands, Palau, the Federated States of Micronesia and the Republic of the Marshall Islands]

| Mailing address | 2004 | 2005 | 2006 | 2007 |
|----------------------------|-------------|-------------|-------------|-------------|
| Issued by Honolulu Office | 72,267 | 83,299 | 85,731 | 143,432 |
| Mailed to Hawaii addresses | 52,950 | 52,967 | 52,570 | 59,399 |
| Mailed outside the state | 19,317 | 30,332 | 33,161 | 84,033 |

Source: U.S. Department of State, Honolulu Passport Agency, records.

Table 7.41-- PERFORMING ARTS, FOR OAHU: 2006-2007 SEASON

| Name of organization and type of performance | Productions | Performances | Attendance |
|---|--------------------|---------------------|-------------------|
| All reporting groups | 515 | 1/ 1,180 | 871,036 |
| Department of Enterprise Services, total | 457 | 859 | 791,557 |
| Dance | 9 | 24 | 27,016 |
| Classical concerts | 30 | 52 | 78,691 |
| Operas | 4 | 22 | 32,024 |
| Pop/rock shows | 32 | 44 | 136,392 |
| Stage shows | 10 | 11 | 22,713 |
| Diamond Head Theatre | 6 | 88 | 37,048 |
| Hawaii Pacific University (Hawaii Loa Campus) | 2 | 38 | 2,280 |
| Kennedy Theatre | 14 | 80 | 14,775 |
| Manoa Valley Theatre | 7 | 115 | 15,476 |
| Brigham Young University Hawaii -Fine Arts | 29 | (NA) | 2/ 9,900 |

1/ Exclude Brigham Young University Hawaii -Fine Arts.

2/ Attendance is approximate.

Source: Hawaii State Department of Business, Economic Development & Tourism mail and telephone survey.

**Table 7.42-- SYMPHONY ORCHESTRA ACTIVITIES:
1986-1987 TO 2005-2006**

| Season | Average number of orchestra personnel | Number of performances | Total attendance | Operating expenses (dollars) |
|------------------------------------|--|-------------------------------|-------------------------|-------------------------------------|
| HONOLULU SYMPHONY ORCHESTRA | | | | |
| 1986-1987 1/ | 80 | 85 | 139,703 | 2,394,804 |
| 1987-1988 | 79 | 127 | 184,897 | 4,143,347 |
| 1988-1989 | 80 | 134 | 215,808 | 4,234,275 |
| 1989-1990 | 80 | 141 | 183,434 | 4,978,813 |
| 1990-1991 | 80 | 101 | 160,214 | 5,465,467 |
| 1991-1992 | 80 | 127 | 204,253 | 6,160,301 |
| 1992-1993 | 80 | 127 | 194,866 | 5,983,729 |
| 1993-1994 2/ | - | - | - | 1,380,547 |
| HAWAII SYMPHONY ORCHESTRA | | | | |
| 1994-1995 3/ | 62 | 115 | 120,000 | 4,700,000 |
| HONOLULU SYMPHONY ORCHESTRA | | | | |
| 1995-1996 4/ | 80 | 45 | 65,000 | 2,343,305 |
| 1996-1997 5/ | 80 | 47 | 73,596 | 3,919,708 |
| 1997-1998 | 80 | 48 | 79,605 | 5,044,888 |
| 1998-1999 | 80 | 56 | 111,682 | 5,470,100 |
| 1999-2000 | 80 | 61 | 106,942 | 6,691,900 |
| 2000-2001 6/ | 80 | 53 | 98,831 | 5,797,900 |
| 2001-2002 | 80 | 58 | 97,906 | 6,058,458 |
| 2002-2003 | 80 | 52 | 94,064 | 6,331,577 |
| 2003-2004 | 80 | 58 | 123,666 | 6,938,881 |
| 2004-2005 | 80 | 47 | 90,985 | 6,311,037 |
| 2005-2006 | 80 | 47 | 89,851 | 7,279,713 |

1/ Season shortened by musicians' strike, August 8-November 26, 1986.

2/ Concert season eliminated by musicians' strike.

3/ First season in operation. The attendance total is estimated.

4/ The Honolulu Symphony Society and the Musicians' Union reached a collective bargaining agreement on December 15, 1995 for a 14-week season, a shorter season than prior years.

5/ Recording of expenses in compliance with FASB 116 & 117 pertaining to not-for-profit corporations, for 18-week season.

6/ Cancelled Shell series and Ohana series due to expense.

Source: Honolulu Symphony Society, records; Hawaii Symphony Orchestra, records.

**Table 7.43-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL
ATTRACTIONS: 2005 TO 2007**

[Calendar year data unless otherwise specified]

| Island and cultural attraction | 2005 | 2006 | 2007 |
|---|-----------|-----------|------------|
| OAHU | | | |
| Atlantis Submarines | 408,411 | 387,476 | 370,186 |
| Atlantis Cruises | 132,132 | 114,863 | 110,867 |
| Battleship Missouri Memorial | 415,071 | 414,865 | 405,602 |
| Bernice P. Bishop Museum 1/ | 227,195 | 372,338 | 287,517 |
| Byodo-In Temple | 150,000 | (NA) | (NA) |
| The Contemporary Museum 2/ | 33,582 | 28,322 | 25,785 |
| Diamond Head State Monument 3/ | 567,253 | 566,202 | 584,909 |
| Foster Botanical Garden | 42,479 | 39,371 | 38,838 |
| Harold L. Lyon Arboretum | 4/ 25,000 | 30,000 | 32,000 |
| Hawaii Maritime Center 1/ | 21,260 | 18,891 | 18,881 |
| Hawaii's Plantation Village | 25,626 | 55,241 | 51,434 |
| Hawaii State Art Museum | 20,514 | 23,739 | 33,159 |
| Honolulu Academy of Arts | 237,629 | 255,321 | 250,119 |
| Honolulu Police Department Museum | 8,100 | (NA) | 5,250 |
| Honolulu Zoo | 513,931 | 525,953 | 5/ 601,510 |
| Ho'omaluhia Botanical Garden | 99,049 | 103,172 | 98,802 |
| Iolani Palace State Monument 1/ | 61,796 | 66,486 | 76,191 |
| Judiciary History Center | 45,370 | 41,956 | 37,659 |
| Mormon Temple Grounds (Church of Jesus Christ of Latter-Day Saints, Hawaii Temple Visitor's Center) | 115,642 | 120,145 | 108,293 |
| Polynesian Cultural Center | 800,487 | 736,829 | 719,221 |
| Puu o Mahuka Heiau State Monument 1/ | (NA) | (NA) | 54,300 |
| Queen Emma Summer Palace | 13,394 | 14,191 | 14,310 |
| Royal Mausoleum State Monument 1/ | (NA) | (NA) | 34,600 |
| Sea Life Park Hawaii | 317,150 | 285,313 | 242,418 |
| Tropic Lightning Museum | 15,159 | (NA) | (NA) |
| Ulu Po Heiau State Monument 1/ | (NA) | (NA) | 4,100 |
| U.S. Army Museum, Ft. DeRussy | 116,537 | (NA) | (NA) |
| U.S.S. Arizona Memorial 6/ | 1,556,808 | 1,542,757 | 1,557,336 |
| U.S.S. Bowfin Submarine Museum | 222,448 | 218,404 | 224,551 |
| University of Hawaii Art Gallery 7/ | 50,000 | (NA) | 50,000 |
| Waikiki Aquarium 1/ | 362,756 | 326,856 | 332,779 |
| Waimea Valley Audubon Center 8/ | 169,648 | 183,295 | 195,994 |
| HAWAII | | | |
| Amy B. H. Greenwell Ethnobotanical Garden | 10,361 | 12,100 | 13,794 |
| Astronaut Ellison S. Onizuka Space Center | 15,735 | 16,406 | 16,382 |
| H.N. Greenwell Store 9/ | 2,872 | (NA) | 5,780 |

Continued on next page.

**Table 7.43-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL
ATTRACTIONS: 2005 TO 2007 -- Con.**

| Island and cultural attraction | 2005 | 2006 | 2007 |
|--|-----------|-----------|-----------|
| HAWAII - con. | | | |
| Hawaii Tropical Botanical Garden | 69,514 | 72,151 | 79,372 |
| Hawaii Volcanoes National Park 6/ 10/ | 1,661,196 | 1,612,246 | 1,467,779 |
| Hulihee Palace | 33,219 | 27,454 | 15,112 |
| Kaloko-Honokohau National Historical Park 6/ | 85,891 | 112,344 | 119,237 |
| Kona Coffee Living History Farm | 10,743 | (NA) | 9,197 |
| Lyman House Memorial Museum | 15,265 | 14,933 | 14,554 |
| Nani Mau Gardens | 121,625 | 138,869 | (NA) |
| Pacific Tsunami Museum | 22,100 | 19,080 | 18,300 |
| Panaewa Rainforest Zoo | 163,176 | 171,958 | 172,315 |
| Parker Ranch Historic Homes 11/ | 23,654 | 22,918 | 21,550 |
| Parker Ranch Visitor Center 11/ | 20,069 | 19,099 | 17,201 |
| Pu'uuhonua O Honaunau NHP 6/ | 476,237 | 485,145 | 489,785 |
| Pu'ukohola Heiau National Historic Site 6/ | 112,137 | 98,026 | 104,907 |
| Volcano Art Center | 103,000 | 104,000 | 100,000 |
| MAUI | | | |
| Alexander & Baldwin Sugar Museum | 38,591 | 41,295 | 38,453 |
| Aquarium Maui/Maui Ocean Center | 436,814 | 462,843 | 471,570 |
| Haleakala National Park 6/ | 1,474,681 | 1,426,068 | 1,322,817 |
| Halekii-Pihana Heiaus State Monument 1/ | 2,800 | 2,920 | 12,000 |
| Hana Cultural Center | 10,436 | 13,844 | 8,541 |
| Iao Valley State Monument 1/ | 529,500 | 549,420 | 431,400 |
| Kula Botanical Garden | 28,520 | 31,548 | 29,275 |
| Lahaina Restoration Foundation | 134,735 | 173,706 | 169,159 |
| Baldwin Missionary Home Museum | 38,308 | 43,671 | 43,335 |
| Hale Pa'ahao (Old Lahaina Prison) | 27,746 | 29,238 | 28,927 |
| Hale Pa'i Printing House | 3,866 | 4,871 | 1,364 |
| Wo Hing Temple Museum | 64,815 | 95,926 | 95,533 |
| Maui Historical Society Bailey House Museum | 12,874 | 12,797 | 12,962 |
| Whalers Village Museum | 164,559 | 180,272 | 221,562 |
| KAUAI | | | |
| Robinson Family Adventure Tour | 4,385 | 4,285 | (12/) |
| Grove Farm Homestead | 2,454 | 2,706 | 2,895 |
| Kauai Children's Discovery Museum | 13,200 | 15,585 | (NA) |
| Kauai Museum | (NA) | 52,000 | 21,373 |
| Kilauea Point National Wildlife Refuge | 488,000 | 432,000 | 478,000 |
| Kokee Natural History Museum | 105,684 | 100,360 | 104,975 |
| Waioli Mission House | 837 | 979 | 13/ 592 |

Continued on next page.

**Table 7.43-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL
ATTRACTIONS: 2005 TO 2007 -- Con.**

| Island and cultural attraction | 2005 | 2006 | 2007 |
|---|-----------------|-----------------|-----------------|
| MOLOKAI | | | |
| Kalaupapa National Historical Park 6/ Kalaupapa Settlement | 48,772 9,622 | 46,839 9,911 | 60,992 9,292 |

NA Not available.

1/ Fiscal year ending June 30.

2/ The Contemporary Museum also manages the First Hawaiian Center Gallery (2004 attendance--49,178, 2005 attendance--41,288, 2006 attendance--49,138, 2007 attendance--49,081).

3/ Fiscal year ending June 30. Diamond Head State Monument attendance does not reflect paying users since some park users currently drive into and out of Diamond Head Crater without stopping.

4/ Closed by the University from August 27, 2004 to January 1, 2005, entry was limited to staff and University researchers only. The Arboretum was reopened on January 2, 2005. Tours, classes and school field trips resumed on a very limited basis.

5/ Fiscal year ending June 30.

6/ Data included in Data Book prior to 2003 may not be comparable to present figures, as present figures only include recreation visits. 2003 figure for Hawaii Volcanoes National Park has been revised to reflect only recreation visits.

7/ Data are estimates.

8/ Formerly Waimea Falls Park. 2005 figure represented fiscal year ending June 30. 2006 figure is calendar year.

9/ Renamed from Greenwell Store Museum.

10/ Kilauea Visitor Center and Jagger Museum are included in the total attendance at Hawaii Volcanoes National Park.

11/ Kohala Carriages Wagon Tour at Parker Ranch (2004 attendance--4,546, 2005 attendance--3,536, 2006 attendance--3,478)

12/ No longer has a tour.

13/ Closed in May 2007.

Source: Hawaii State Department of Business, Economic Development & Tourism, annual mail and survey of attractions.

Table 7.44-- NATIONAL PARKS: 1992 TO 2007

| Year and area | Acreage, Dec. 31 | | | Visits |
|--|-------------------|-------------------|-------------|------------------------|
| | Total | Federal | Non-federal | |
| 1992 | 247,349 | 235,885 | 11,464 | 5,701,769 |
| 1993 | 247,349 | 235,885 | 11,464 | 5,828,583 |
| 1994 | 247,349 | 235,885 | 11,464 | 6,077,475 |
| 1995 | 247,349 | 235,885 | 11,464 | 6,213,924 |
| 1996 | 247,349 | 235,885 | 11,464 | 6,192,178 |
| 1997 | 247,349 | 235,885 | 11,464 | 6,738,001 |
| 1998 | 247,349 | 235,885 | 11,464 | 6,274,424 |
| 1999 | 249,001 | 237,731 | 11,270 | 7,469,412 |
| 2000 | 249,001 | 237,731 | 11,270 | 6,517,693 |
| 2001 | 249,001 | 237,731 | 11,270 | 6,215,669 |
| 2002 | 249,042 | 237,503 | 11,539 | 6,025,991 |
| 2003 | 365,830 | 354,291 | 11,539 | 5,935,099 |
| 2004 | 365,830 | 354,291 | 11,539 | 6,700,980 |
| 2005 | 365,830 | 354,291 | 11,539 | 5,415,722 |
| 2006 | 364,999 | 353,673 | 11,326 | 5,323,425 |
| 2007 | 374,666 | 363,349 | 11,317 | 5,122,855 |
| AREAS: 2007 | | | | |
| Hawaii Volcanoes National Park 1/ Haleakala National Park | 333,086 29,111 | 333,086 29,111 | - - | 1,467,779 1,322,817 |
| Pu'uhonua o Honaunau National Historical Park | 420 | 420 | - | 489,785 |
| Kaloko-Honokohau National Historical Park | 1,166 | 630 | 536 | 119,237 |
| Pu'ukohola Heiau National Historic Site | 86 | 61 | 25 | 104,909 |
| U.S.S. Arizona Memorial 3/ Kalaupapa National Historical Park | 18 10,779 | 18 23 | - 10,756 | 1,557,336 60,992 |

1/ Data exclude the Olaa Forest Tract. This 9,654-acre tract is entirely in Federal ownership, is managed by the National Park Service, and has been designated as part of the wilderness system by the Congress, but it is not within the legally authorized boundary of the Hawaii Volcanoes National Park.

2/ Haleakala National Park has 0.15 acres of Non-Federal lands.

3/ The U.S.S. Arizona Memorial is wholly within the Pearl Harbor Naval Base. The acreage figure is the approximate extent of the total area over which the National Park Service has been granted use rights by the U.S. Navy.

Source: U.S. Department of the Interior, National Park Service, Pacific Islands Support Office, records, for (1992-2005 and 2007) and <<http://www2.nature.nps.gov/stats/>> for 2006 accessed on June 22, 2007.

Table 7.45-- STATE PARKS AND HISTORIC SITES: 1991 TO 2007

| Year and island | Number of areas, June 30 | Acreage, June 30 | | Recreation visits, year ended June 30 (1,000) |
|-----------------|--------------------------|------------------|-----------|---|
| | | Total | Developed | |
| 1991 | 77 | 24,896 | 897.3 | 19,023 |
| 1992 | 80 | 25,056 | 921.7 | 19,255 |
| 1993 1/ | 70 | 24,779 | 772.7 | 15,112 |
| 1994 | 69 | 24,790 | 772.2 | 14,260 |
| 1995 | 69 | 25,476 | 772.2 | 14,221 |
| 1996 | 68 | 26,784 | 772.2 | 14,221 |
| 1997 | 68 | 26,554 | 711.2 | 12,852 |
| 1998 | 68 | 26,814 | 771.2 | 12,676 |
| 1999 | 68 | 26,815 | 772.1 | 12,661 |
| 2000 | 68 | 26,815 | 772.1 | 13,004 |
| 2001 | 69 | 27,626 | 772.1 | 13,884 |
| 2002 | 69 | 27,626 | 772.1 | 14,226 |
| 2003 | 69 | 28,002 | 772.1 | 13,964 |
| 2004 | 69 | 27,116 | 764.0 | 9,176 |
| 2005 | 71 | 27,164 | 761.1 | (NA) |
| 2006 | 71 | 27,164 | 761.1 | (NA) |
| 2007 | 71 | 27,108 | 761.1 | (NA) |
| ISLAND: 2006 | | | | |
| Hawaii | 19 | 2,716 | 274.2 | (NA) |
| Maui | 8 | 331 | 37.9 | (NA) |
| Molokai | 2 | 234 | 13.0 | (NA) |
| Oahu | 32 | 10,153 | 305.0 | (NA) |
| Kauai | 10 | 7,502 | 130.6 | (NA) |
| ISLAND: 2007 | | | | |
| Hawaii | 19 | 2,698 | 274.2 | (NA) |
| Maui | 8 | 332 | 37.9 | (NA) |
| Molokai | 2 | 237 | 13.0 | (NA) |
| Oahu | 32 | 10,115 | 305.4 | (NA) |
| Kauai | 10 | 13,727 | 130.6 | (NA) |

NA Not available.

1/ Declines since 1992 reflect transfer of 9 areas to the counties, and also closure of all Kauai state parks from Sept. 11, 1992 to March 20, 1993 because of damage caused by Hurricane Iniki.

Source: Hawaii State Department of Land and Natural Resources, Division of State Parks, records.

Table 7.46-- MAJOR STATE PARKS: 2006 AND 2007

[Parks having at least 500,000 recreation visits or 1,000 acres]

| Park | Acreage, June 30 | | Recreation visits, year ended June 30 (1,000) |
|---------------------------------------|------------------|-----------|---|
| | Total | Developed | |
| 2006 | | | |
| Na Pali Coast State Park | 6,175.0 | 4.0 | (NA) |
| Ahupua`a `O Kahana State Park 1/ | 2/ 5,256.5 | 26.0 | (NA) |
| Kokee State Park | 4,345.0 | 55.0 | (NA) |
| Waimea Canyon State Park | 1,837.4 | 10.0 | (NA) |
| Kekaha Kai State Park | 1,642.5 | 5.0 | (NA) |
| Sacred Falls (Kaluanui) State Park 3/ | 1,375.9 | 10.0 | (NA) |
| Wailua River State Park | 1,093.0 | 37.4 | (NA) |
| 2007 | | | |
| Na Pali Coast State Park | 6,175.0 | 4.0 | 423,100 |
| Ahupua`a `O Kahana State Park 1/ | 5,256.5 | 26.0 | 88,200 |
| Kokee State Park | 4,345.0 | 55.0 | 303,900 |
| Waimea Canyon State Park | 1,837.4 | 10.0 | 430,700 |
| Kekaha Kai State Park | 1,642.5 | 5.0 | 235,000 |
| Sacred Falls (Kaluanui) State Park 2/ | 1,375.9 | 10.0 | (NA) |
| Wailua River State Park | 1,093.0 | 37.4 | 888,100 |

NA Not available.

1/ Park name changed in November 2000.

2/ Revised from previous Databook.

3/ Park closed since May 1999.

Source: Hawaii State Department of Land and Natural Resources, Division of State Parks, records.

**Table 7.47-- NATIONAL AND STATE HISTORIC SITES, BY ISLAND:
2003 TO 2007**

[As of December 31]

| Island | Total sites | Listed Hawaii Register only | Listed National Register only | Listed both Hawaii and National Register | Eligible for National Register 1/ |
|---------------|--------------------|------------------------------------|--------------------------------------|---|--|
| 2003 2/ | | | | | |
| State total | 658 | 299 | 97 | 220 | 42 |
| Oahu | 293 | 127 | 64 | 78 | 24 |
| Maui | 149 | 75 | 10 | 61 | 3 |
| Hawaii | 148 | 69 | 21 | 48 | 10 |
| Kauai | 68 | 28 | 2 | 33 | 5 |
| 2004 2/ | | | | | |
| State total | 663 | 301 | 99 | 221 | 42 |
| Oahu | 295 | 128 | 64 | 79 | 24 |
| Maui | 149 | 75 | 10 | 61 | 3 |
| Hawaii | 148 | 69 | 21 | 48 | 10 |
| Kauai | 71 | 29 | 4 | 33 | 5 |
| 2005 | | | | | |
| State total | 679 | 315 | 99 | 223 | 42 |
| Oahu | 305 | 138 | 64 | 79 | 24 |
| Maui | 151 | 77 | 10 | 61 | 3 |
| Hawaii | 152 | 72 | 21 | 49 | 10 |
| Kauai | 71 | 28 | 4 | 34 | 5 |

Continued on next page.

**Table 7.47-- NATIONAL AND STATE HISTORIC SITES, BY ISLAND:
2003 TO 2007 -- Con.**

| Island | Total sites | Listed Hawaii Register only | Listed National Register only | Listed both Hawaii and National Register | Eligible for National Register 1/ |
|---------------|--------------------|------------------------------------|--------------------------------------|---|--|
| 2006 | | | | | |
| State total | 692 | 327 | 99 | 224 | 42 |
| Oahu | 318 | 150 | 64 | 80 | 24 |
| Maui | 151 | 77 | 10 | 61 | 3 |
| Hawaii | 152 | 72 | 21 | 49 | 10 |
| Kauai | 71 | 28 | 4 | 34 | 5 |
| 2007 | | | | | |
| State total | 713 | 348 | 99 | 224 | 42 |
| Oahu | 335 | 167 | 64 | 80 | 24 |
| Maui | 154 | 80 | 10 | 61 | 3 |
| Hawaii | 153 | 73 | 21 | 49 | 10 |
| Kauai | 71 | 28 | 4 | 34 | 5 |

1/ Sites declared eligible for National Register listing by the National Board.

2/ Revised from previous *Data Book*.

Source: Hawaii State Department of Land and Natural Resources, State Historic Preservation Division, records.

Table 7.48-- ZOOS: 2004 TO 2007

| Subject and Zoo | 2004 | 2005 | 2006 | 2007 |
|---------------------------------|-------------|-------------|-------------|-------------|
| Species: 1/ Honolulu Zoo | 255 | 234 | 229 | 247 |
| Panaewa Rainforest Zoo (Hilo) | 75 | 83 | 84 | 102 |
| Individuals: 1/ Honolulu Zoo | 1,140 | 1,009 | 995 | 1,035 |
| Panaewa Rainforest Zoo (Hilo) | 179 | 175 | 212 | 203 |
| Attendance: Honolulu Zoo 2/ | 499,767 | 513,931 | 525,953 | 601,510 |
| Panaewa Rainforest Zoo (Hilo) | 161,200 | 163,176 | 171,958 | 172,315 |

1/ Animal and bird inventory, December 31.

2/ Fiscal year 2007.

Source: City and County of Honolulu, Department of Enterprise Services, Honolulu Zoo and County of Hawaii, Department of Parks and Recreation, records.

Table 7.49-- AQUATIC COLLECTIONS: 2007

[As of June 30. For annual attendance, see table 7.40]

| Phylum or class | Sea Life Park | | Waikiki Aquarium | |
|-----------------|---------------|-------------|------------------|-------------|
| | Species | Individuals | Species | Individuals |
| Total | 143 | 1,146 | 496 | 3,522 |
| Fishes | 86 | 751 | 222 | 744 |
| Reptiles | 2 | 32 | - | - |
| Mammals | 6 | 56 | 1 | 2 |
| Invertebrates | 41 | 274 | 273 | 2,776 |
| Birds | 8 | 33 | - | - |

Source: Sea Life Park, records; Waikiki Aquarium, records.

Table 7.50-- COUNTY PARKS, BY ISLAND: 2005 TO 2007

[As of December 31]

| Island | Number | | | Acreage | | |
|--------------|--------|--------|--------|----------|----------|----------|
| | 2005 | 2006 | 2007 | 2005 | 2006 | 2007 |
| State totals | (NA) | (NA) | 594 | (NA) | (NA) | 8207 |
| Hawaii | 1/ 125 | 126 | 126 | 1/ 1,616 | 1,617 | 1,617 |
| Maui | (NA) | (NA) | 102 | (NA) | (NA) | 675 |
| Lanai | (NA) | (NA) | 4 | (NA) | (NA) | 14 |
| Molokai | (NA) | (NA) | 13 | (NA) | (NA) | 100 |
| Oahu | 293 | 2/ 282 | 2/ 282 | 5,272 | 2/ 5,314 | 2/ 5,314 |
| Kauai | 67 | 67 | 67 | 487 | 487 | 487 |

NA Not available.

1/ In 2005, one new site was added to the inventory of parks, however, the new value reflects a change in how the County of Hawaii identifies individual park sites. The increase in acreage is due to the addition of one new site as well as corrections to existing park areas.

2/ The changes reflected in the 2006 and 2007 figures for number of parks and acreage do not represent a reduction in the number of City and County of Honolulu parks, but are the result of reclassification of some small underdeveloped parcels previously included as stand alone parks.

Source: Compiled by the Hawaii State Department of Business, Economic Development & Tourism from data provided by county parks and recreation departments.

Table 7.51-- ATTENDANCE AND WATER SAFETY AT GUARDED BEACH PARKS, FOR THE CITY AND COUNTY OF HONOLULU: 2007

| Beach park | Estimated attendance 1/ | Rescues | Drownings | Surfing accidents |
|-------------------|--------------------------------|----------------|------------------|--------------------------|
| All parks | 14,006,041 | 1,753 | 2 | 478 |
| Ala Moana | 1,710,519 | 68 | 1 | 3 |
| Alii/Haleiwa | 277,687 | 33 | - | 8 |
| Bellows | 87,980 | 10 | - | - |
| Ehukai | 303,835 | 69 | - | 45 |
| Hanauma | 1,088,660 | 377 | - | - |
| Kailua | 365,601 | 14 | - | 1 |
| Keauwaula | 111,848 | 21 | - | 5 |
| KeWaena | 179,168 | 11 | - | 6 |
| Kualoa | (2/) | (2/) | (2/) | (2/) |
| Mali | 472,582 | 67 | - | 5 |
| Makaha | 401,922 | 41 | - | 7 |
| Makapuu | 175,631 | 186 | - | 5 |
| Nanakuli | 403,317 | 34 | - | 1 |
| Pokai Bay | 446,737 | 17 | - | - |
| Sandy | 363,058 | 392 | - | 31 |
| Sunset | 332,357 | 49 | - | 14 |
| Waikiki | 6,474,096 | 256 | 1 | 327 |
| Waimanalo | 209,647 | 31 | - | 4 |
| Waimea | 601,396 | 77 | - | 16 |

1/ Attendance is based on headcounts taken 3 times by Water Safety Officers over an 8-hour work day.

2/ The park was closed for a significant period of time.

Source: City and County of Honolulu, Emergency Services Department, Ocean Safety & Lifeguard Services Division, records.

Table 7.52-- SWIMMING AND SURFING SITES, BY ISLAND

| Subject | State total 1/ | Hawaii | Maui | Lanai | Molokai | Oahu | Kauai |
|-----------------------------|---------------------------|---------------|-------------|--------------|----------------|-------------|--------------|
| Miles of sandy shoreline 2/ | 184.9 | 19.4 | 32.6 | 18.2 | 23.2 | 50.3 | 41.2 |
| Primary 3/ | 24.4 | 1.2 | 7.9 | - | - | 12.5 | 2.8 |
| Other | 160.5 | 18.2 | 24.7 | 18.2 | 23.2 | 37.8 | 38.4 |
| Number of surfing sites 4/ | 1,600 | 185 | 212 | 99 | 180 | 594 | 330 |

1/ Excludes Kahoolawe.

2/ Surveyed in 1962.

3/ Safe, clean, accessible, and generally suitable for swimming.

4/ Surveyed in 1971. A surfing site is defined as "a specific wave-breaking zone caused by a shoal and having sufficient consistency to be identified as a surfable riding area, either seasonally or in a combination of seasons, e.g., Queen's Surf, Waikiki."

Source: Hawaii State Department of Planning and Economic Development, *Hawaii's Shoreline* (1965), p. 7; Surfing Education Association, *The 1971 Statewide Surfing Site Survey*, Vol. 1, p. 93.

Table 7.53-- COUNTY TENNIS FACILITIES: 2001 TO 2007

[As of December 31]

| Subject | State total | Hawaii | Maui | Lanai | Molokai | Oahu | Kauai |
|-------------------|--------------------|---------------|-------------|--------------|----------------|-------------|--------------|
| Locations: | | | | | | | |
| 2001 | 88 | 19 | 12 | 2 | 1 | 45 | 9 |
| 2002 | 88 | 19 | 12 | 2 | 1 | 45 | 9 |
| 2003 | 91 | 19 | 12 | 2 | 1 | 48 | 9 |
| 2004 | 91 | 19 | 12 | 2 | 1 | 48 | 9 |
| 2005 | 91 | 19 | 12 | 2 | 1 | 48 | 9 |
| 2006 | (NA) | 19 | (NA) | (NA) | (NA) | 47 | 9 |
| 2007 | 91 | 19 | 13 | 2 | 1 | 47 | 9 |
| Courts: | | | | | | | |
| 2001 | 289 | 43 | 39 | 4 | 2 | 179 | 22 |
| 2002 | 289 | 43 | 39 | 4 | 2 | 179 | 22 |
| 2003 | 309 | 43 | 39 | 4 | 2 | 199 | 22 |
| 2004 | 309 | 43 | 39 | 4 | 2 | 199 | 22 |
| 2005 | 309 | 43 | 39 | 4 | 2 | 199 | 22 |
| 2006 | (NA) | 43 | (NA) | (NA) | (NA) | 200 | 22 |
| 2007 | 310 | 43 | 39 | 4 | 2 | 200 | 22 |

NA Not available.

Source: Compiled by the Hawaii State Department of Business, Economic Development & Tourism from the county parks and recreation departments.

Table 7.54-- GOLF COURSES, BY NUMBER OF HOLES, OWNERSHIP, AND ISLAND: 2007

| Status, island, and ownership | Number of golf courses | | | | | | Number of holes |
|----------------------------------|------------------------|--------|---------|---------|---------|---------|--------------------|
| | Total | 9-hole | 18-hole | 27-hole | 36-hole | 54-hole | |
| State total | 78 | 8 | 58 | 3 | 7 | 2 | 1,557 |
| Hawaii | 18 | 2 | 13 | - | 3 | - | 360 |
| Municipal | 1 | - | 1 | - | - | - | 18 |
| Private | 17 | 2 | 12 | - | 3 | - | 342 |
| Maui | 11 | - | 7 | - | 2 | 2 | 306 |
| Municipal | 1 | - | 1 | - | - | - | 18 |
| Private | 10 | - | 6 | - | 2 | 2 | 288 |
| Lanai | 3 | 1 | 2 | - | - | - | 45 |
| Private | 3 | 1 | 2 | - | - | - | 45 |
| Molokai | 2 | 1 | 1 | - | - | - | 27 |
| Private | 2 | 1 | 1 | - | - | - | 27 |
| Oahu | 35 | 3 | 28 | 2 | 2 | - | 657 |
| Military | 6 | 1 | 4 | 1 | - | - | 108 |
| Municipal | 6 | 1 | 5 | - | - | - | 99 |
| Private | 23 | 1 | 19 | 1 | 2 | - | 450 |
| Kauai | 9 | 1 | 7 | 1 | - | - | 162 |
| Municipal | 1 | - | 1 | - | - | - | 18 |
| Private | 8 | 1 | 6 | 1 | - | - | 144 |

Source: *The Honolulu Advertiser*, <<http://the.honoluluadvertiser.com/current/sp/golfguide>> accessed October 29, 2007.

**Table 7.55-- COUNTY GOLF COURSES AND CAMPING PERMITS,
FOR OAHU: 1991 TO 2007**

| Calendar year | Public golf courses | | | Camping permits issued 1/ |
|---------------|---------------------|-------|---------------|---------------------------|
| | Courses | Holes | Rounds played | |
| 1991 | 5 | 81 | 580,888 | 9,633 |
| 1992 | 5 | 81 | 654,726 | 9,938 |
| 1993 | 5 | 81 | 638,972 | 10,251 |
| 1994 | 5 | 81 | 580,120 | 8,778 |
| 1995 | 6 | 99 | 650,934 | 10,514 |
| 1996 | 6 | 99 | 685,191 | 10,622 |
| 1997 | 6 | 99 | 686,188 | 15,804 |
| 1998 | 6 | 99 | 747,379 | 16,929 |
| 1999 | (NA) | (NA) | (NA) | 16,884 |
| 2000 | 6 | 99 | 663,710 | 16,947 |
| 2001 | 6 | 99 | 638,817 | 16,375 |
| 2002 | 6 | 99 | 607,823 | 12,045 |
| 2003 | 6 | 99 | 602,123 | 12,045 |
| 2004 | 6 | 99 | 560,921 | 11,128 |
| 2005 | 6 | 99 | 530,606 | 14,847 |
| 2006 | 6 | 99 | 538,051 | 9,179 |
| 2007 | 6 | 99 | 556,197 | 8,469 |

NA Not available.

1/ By the City and County of Honolulu, camping permits issued reflect cumulative family and group camping permits.

Source: City and County of Honolulu, Department of Parks and Recreation, records and Department of Enterprise Services, records.

Table 7.56-- SONY OPEN SCORES AND PURSES: 1992 TO 2008

[The Sony Open is held at the Waialae Country Club golf course. Distance is 7,060 yards par is 70/280. Up until 1998, event known as the Hawaiian Open, which was held at the Waialae Country Club golf course. Distance was 6,975 yards; par was 72/288.]

| Year | Holes | Winning score | | Purse (dollars) | |
|------|-------|---------------|-----------|-----------------|---------|
| | | Total | Below par | Total | Winner |
| 1992 | 72 | 265 | 23 | 1,200,000 | 216,000 |
| 1993 | 72 | 269 | 19 | 1,200,000 | 216,000 |
| 1994 | 72 | 269 | 19 | 1,200,000 | 216,000 |
| 1995 | 72 | 269 | 19 | 1,200,000 | 216,000 |
| 1996 | 72 | 277 | 11 | 1,200,000 | 216,000 |
| 1997 | 72 | 271 | 17 | 1,200,000 | 216,000 |
| 1998 | 72 | 260 | 28 | 1,800,000 | 324,000 |
| 1999 | 72 | 271 | 9 | 2,600,000 | 468,000 |
| 2000 | 72 | 261 | 19 | 2,900,000 | 522,000 |
| 2001 | 72 | 260 | 20 | 4,000,000 | 720,000 |
| 2002 | 72 | 266 | 14 | 4,000,000 | 720,000 |
| 2003 | 72 | 264 | 16 | 4,500,000 | 810,000 |
| 2004 | 72 | 262 | 18 | 4,800,000 | 864,000 |
| 2005 | 72 | 269 | 11 | 4,800,000 | 864,000 |
| 2006 | 72 | 261 | 19 | 5,100,000 | 918,000 |
| 2007 | 72 | 266 | 14 | 5,200,000 | 936,000 |
| 2008 | 72 | 266 | 14 | 5,300,000 | 954,000 |

Source: *Honolulu Star-Bulletin* and *The Honolulu Advertiser*, various issues.

Table 7.57-- PUBLIC HUNTING AREAS AND WILDLIFE SANCTUARIES AND REFUGES, BY ISLAND: OCTOBER 30, 2007

| Island | Public hunting areas | | Other wildlife sanctuaries and refuges | |
|-------------|----------------------|-------------|--|-------------|
| | Number | 1,000 acres | Number | 1,000 acres |
| State total | 61 | 1,196.6 | 53 | 94.9 |
| Hawaii | 26 | 905.4 | 8 | 83.3 |
| Maui | 7 | 90.7 | 10 | 0.3 |
| Lanai | 1 | 30.8 | 4 | (1/) |
| Molokai | 1 | 16.0 | 6 | (1/) |
| Oahu | 12 | 25.0 | 18 | 0.7 |
| Kauai | 14 | 129.2 | 7 | 10.5 |

1/ Less than 50 acres.

Source: Hawaii State Department of Land and Natural Resources, Division of Forestry and Wildlife, records.

Table 7.58-- FISHING AND HUNTING LICENSES ISSUED: 2001 TO 2007

[Fiscal years ending June 30]

| Type of license | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Freshwater fishing | 6,277 | 7,537 | 5,521 | 6,173 | 5,655 | 6,059 | 6,787 |
| Hunting | 9,295 | 9,751 | 9,095 | 8,693 | 8,223 | 8,345 | 1/ 6,999 |

1/ Preliminary.

Source: Hawaii State Department of Land and Natural Resources, Division of Aquatic Resources and Division of Forestry and Wildlife, records.

Table 7.59-- FISHING, HUNTING, AND WILDLIFE-ASSOCIATED RECREATION OF PERSONS 16 YEARS OF AGE AND OLDER: 2006

[For 1980 survey results, see *Data Book 1984*, table 251. For 2001 survey results, see *Data Book 2006*, table 7.57]

| Subject | All activities | Hunting and fishing | | | Wildlife watching |
|---|----------------|---------------------|---------|---------|-------------------|
| | | Both | Fishing | Hunting | |
| Hawaii residents: 1/ Participants (1,000) | 227 | 100 | 94 | 19 | 160 |
| Taking place in Hawaii: 1/ Participants, total (1,000) | 366 | 162 | 157 | 18 | 262 |
| Hawaii residents | (NA) | (NA) | 92 | 18 | 155 |
| Residents of other states | (NA) | (NA) | 2/ 65 | (3/) | 2/ 107 |
| Expenditures (million dollars) | 342 | 132 | 111 | 21 | 210 |

NA Not available

1/ Detail does not add to total because of multiple responses.

2/ Estimate based on a sample size of 10-29.

3/ Sample size too small to report data reliably.

Source: U.S. Fish and Wildlife Service and U.S. Bureau of the Census, *2006 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation* (February 2008), pp. 17, 26, 34, 36, 39, 42 and 45 <<http://www.census.gov/prod/2008pubs/fhw06-hi.pdf>> accessed May 19, 2008 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 7.60-- HONOLULU MARATHON REGISTRANTS, FINISHERS AND
WINNING TIMES: 1992 TO 2007**

| Year | Number of registrants | Number of finishers | Winning time (hr., min., sec.) | |
|------|-----------------------|---------------------|--------------------------------|---------|
| | | | Men | Women |
| 1992 | 30,905 | 23,515 | 2:14:19 | 2:32:13 |
| 1993 | 29,514 | 23,640 | 2:13:16 | 2:32:20 |
| 1994 | 32,771 | 25,833 | 2:15:04 | 2:37:06 |
| 1995 | 34,434 | 27,022 | 2:16:08 | 2:37:29 |
| 1996 | 30,864 | 24,414 | 2:13:23 | 2:34:28 |
| 1997 | 33,682 | 26,495 | 2:12:17 | 2:33:14 |
| 1998 | 27,704 | 22,112 | 2:14:53 | 2:33:27 |
| 1999 | 26,724 | 21,211 | 2:16:45 | 2:32:36 |
| 2000 | 26,465 | 22,636 | 2:15:19 | 2:28:33 |
| 2001 | 23,513 | 19,236 | 2:15:09 | 2:29:54 |
| 2002 | 30,428 | 26,477 | 2:12:29 | 2:29:08 |
| 2003 | 25,283 | 22,161 | 2:12:59 | 2:31:56 |
| 2004 | 25,671 | 22,407 | 2:11:12 | 2:27:33 |
| 2005 | 28,048 | 24,295 | 2:12:00 | 2:30:24 |
| 2006 | 28,637 | 24,575 | 2:13:42 | 2:27:19 |
| 2007 | 27,829 | 23,299 | 2:18:53 | 2:33:07 |

Source: Honolulu Marathon Association, records; Honolulu Marathon Champions & Entrants/Finishers, at <<http://www.honolulumarathon.org/stats.html>>, and records.

**Table 7.61-- IRONMAN TRIATHLON WORLD CHAMPIONSHIP
PARTICIPANTS, FINISHERS, AND WINNING TIMES: 1992 TO 2007**

| Year | Number of participants | Number of finishers | Winning time (hr., min., sec.) | |
|------|------------------------|---------------------|--------------------------------|---------|
| | | | Men | Women |
| 1992 | 1,379 | 1,298 | 8:09:08 | 8:55:29 |
| 1993 | 1,438 | 1,353 | 8:07:45 | 8:58:23 |
| 1994 | 1,405 | 1,290 | 8:20:27 | 9:20:14 |
| 1995 | 1,444 | 1,325 | 8:20:34 | 9:16:46 |
| 1996 | 1,421 | 1,288 | 8:04:08 | 9:06:49 |
| 1997 | 1,478 | 1,365 | 8:33:01 | 9:31:43 |
| 1998 | 1,487 | 1,379 | 8:24:20 | 9:24:16 |
| 1999 | 1,463 | 1,411 | 8:17:17 | 9:13:02 |
| 2000 | 1,525 | 1,426 | 8:21:01 | 9:26:17 |
| 2001 | 1,468 | 1,368 | 8:31:18 | 9:28:37 |
| 2002 | 1,541 | 1,455 | 8:29:56 | 9:07:54 |
| 2003 | 1,645 | 1,569 | 8:22:35 | 9:11:55 |
| 2004 | 1,728 | 1,579 | 8:33:29 | 9:33:25 |
| 2005 | 1,743 | 1,688 | 8:14:17 | 9:09:30 |
| 2006 | 1,689 | 1,624 | 8:11:56 | 9:18:31 |
| 2007 | 1,787 | 1,685 | 8:15:34 | 9:08:45 |

Source: Ironman Triathlon World Championship, records; 1995-1998 race results from JTL Timing Systems Hawaii at <<http://www.ironmantri.com>> and 1999-2007 race results from <<http://www.ironmanlive.com>> accessed on October 29, 2007.

**Table 7.62-- TRANSPACIFIC YACHT CLUB'S HONOLULU RACE ENTRIES
AND WINNING TIMES: 1985 TO 2007**

[The Honolulu Race, sponsored by the Transpacific Yacht Club of Los Angeles,
is run biennially between San Pedro, California, and Diamond Head
Lighthouse, a great circle distance of 2,255 nautical miles]

| Year | Boats entered | Winning times (days, hours, minutes, seconds) | |
|------|---------------|---|------------|
| | | Elapsed | Corrected |
| 1985 | 65 | 13:06:31:19 | 9:14:07:40 |
| 1987 | 55 | 8:12:00:40 | 8:00:56:41 |
| 1989 | 45 | 8:12:50:35 | 8:02:54:08 |
| 1991 | 42 | 10:08:59:35 | 9:22:34:13 |
| 1993 | 42 | 9:09:11:17 | 8:28:09:06 |
| 1995 | 35 | 9:01:32:02 | 8:22:41:48 |
| 1997 | 39 | 8:06:31:00 | 7:01:46:11 |
| 1999 | 33 | 8:02:52:27 | 7:08:40:10 |
| 2001 | 34 | 10:17:49:19 | 8:01:01:08 |
| 2003 | 57 | 8:17:01:25 | 7:12:20:29 |
| 2005 | 76 | 8:16:25:04 | 6:08:45:05 |
| 2007 | 73 | 10:11:51:35 | 6:14:39:33 |

Source: Transpac 2007 website <<http://www.transpacificyc.org>>.

**Table 7.63-- TOTAL ATTENDANCE AT FOOTBALL BOWL GAMES:
2001-2002 TO 2007-2008 SEASONS**

| Bowl | 2001- 2002 | 2002- 2003 | 2003- 2004 | 2004- 2005 | 2005- 2006 | 2006- 2007 | 2007- 2008 |
|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Hawaii Bowl | (X) | 31,535 | 25,551 | 39,754 | 16,134 | 40,623 | 24,079 |
| Hula Bowl | 20,000 | 1/ 12,000 | 9,128 | 12,122 | 7,065 | 7,919 | 2/ 2,000 |
| Pro Bowl | 50,128 | 50,301 | 50,125 | 50,127 | 50,225 | 50,410 | 50,044 |

X Not applicable

1/ 2002-2003 figure represent an estimate as number reported at a "little over 12,000."

2/ 2007-2008 figure represent an estimate as number reported at a "about 2,000."

Source: *Honolulu Star-Bulletin* and *The Honolulu Advertiser*, various issues.

Table 7.64-- VARSITY SPORTS SUMMARY FOR THE UNIVERSITY OF HAWAII AT MANOA: 2003-2004 TO 2006-2007

[Includes only games played against four-year collegiate teams]

| Sports | Games played 1/ | | | | Home games | |
|----------------------|-----------------|-----|------|------|------------|------------|
| | Total | Won | Lost | Tied | Home dates | Attendance |
| 2003-2004 | | | | | | |
| Baseball | 55 | 31 | 24 | - | 38 | 93,181 |
| Basketball (men's) | 33 | 21 | 12 | - | 17 | 126,539 |
| Basketball (women's) | 28 | 8 | 20 | - | 18 | 30,824 |
| Football | 14 | 9 | 5 | - | 7 | 289,155 |
| Volleyball (men's) | 29 | 17 | 12 | - | 16 | 80,839 |
| Volleyball (women's) | 38 | 36 | 2 | - | 23 | 172,178 |
| 2004-2005 | | | | | | |
| Baseball | 55 | 28 | 27 | - | 38 | 102,267 |
| Basketball (men's) | 29 | 16 | 13 | - | 17 | 123,097 |
| Basketball (women's) | 26 | 11 | 15 | - | 16 | 16,953 |
| Football | 13 | 8 | 5 | - | 8 | 294,404 |
| Volleyball (men's) | 28 | 19 | 9 | - | 18 | 77,014 |
| Volleyball (women's) | 31 | 30 | 1 | - | 17 | 121,292 |
| 2005-2006 | | | | | | |
| Baseball | 62 | 45 | 17 | - | 34 | 81,881 |
| Basketball (men's) | 28 | 17 | 11 | - | 17 | 125,523 |
| Basketball (women's) | 28 | 18 | 10 | - | 17 | 15,823 |
| Football | 12 | 5 | 7 | - | 7 | 229,142 |
| Volleyball (men's) | 28 | 23 | 5 | - | 16 | 67,689 |
| Volleyball (women's) | 34 | 27 | 7 | - | 18 | 131,434 |
| 2006-2007 | | | | | | |
| Baseball | 59 | 39 | 25 | - | 33 | 88,978 |
| Basketball (men's) | 31 | 18 | 13 | - | 16 | 102,959 |
| Basketball (women's) | 29 | 15 | 14 | - | 17 | 18,558 |
| Football | 14 | 11 | 3 | - | 8 | 292,708 |
| Volleyball (men's) | 27 | 13 | 14 | - | 16 | 53,440 |
| Volleyball (women's) | 35 | 29 | 6 | - | 22 | 158,093 |

1/ Volleyball data refer to matches.

Source: University of Hawaii, Office of Intercollegiate Athletics, Sports Media Relations, records. See also <<http://www.ncaa.org/stats/>>.

**Table 7.65-- PUBLIC HIGH SCHOOL INTERSCHOLASTIC SPORTS:
2002-2003 TO 2006-2007 SEASONS**

| Sport | Players | Games 1/ | Attendance | Expenditure 2/ (dollars) |
|--------------|----------------|-----------------|-------------------|-------------------------------------|
| 2002-2003 | | | | |
| Baseball | Boys | (NA) | (NA) | 26,500 |
| Basketball | Boys and girls | 440 | 16,899 | 101,403 |
| Football | Boys | 176 | 72,038 | 158,958 |
| 2003-2004 | | | | |
| Baseball | Boys | (NA) | (NA) | 17,858 |
| Basketball | Boys and girls | 456 | 17,057 | 108,973 |
| Football | Boys | 154 | 76,259 | 149,329 |
| 2004-2005 | | | | |
| Baseball | Boys | (NA) | (NA) | 20,172 |
| Basketball | Boys and girls | 542 | 18,883 | 115,686 |
| Football | Boys | 141 | 72,616 | 147,282 |
| 2005-2006 | | | | |
| Baseball | Boys | (NA) | (NA) | 30,712 |
| Basketball | Boys and girls | 558 | 26,734 | 54,415 |
| Football | Boys | 145 | 84,253 | 147,021 |
| 2006-2007 | | | | |
| Baseball | Boys | (NA) | (NA) | 16,461 |
| Basketball | Boys and girls | 610 | 26,248 | 118,360 |
| Football | Boys | 171 | 121,533 | 175,203 |

NA Not available

Note: Data are for Oahu only (OIA).

1/ Junior varsity and varsity games, based on published schedules from public school leagues. Data exclude pre-season and post-season games.

2/ Data on expenditures reflect figures from the general and school trust funds.

Source: Hawaii State Department of Education, Office of Curriculum, Instruction and Student Support, records.

Table 7.66-- PROFESSIONAL BOXING: 1993 TO 2007

| Year | Number of promoters | Number of shows | Paid attendance | Gross receipts (dollars) |
|-------------|----------------------------|------------------------|------------------------|---------------------------------|
| 1993 | 1 | 1 | 472 | 12,385 |
| 1994 | 3 | 6 | 8,022 | 191,150 |
| 1995 | 2 | 4 | 2,636 | 48,280 |
| 1996 | 3 | 3 | 2,653 | 64,781 |
| 1997 | 2 | 3 | 1,967 | 44,645 |
| 1998 | 2 | 3 | 2,059 | 52,510 |
| 1999 | 1 | 1 | 479 | 10,120 |
| 2000 | 3 | 5 | 3,106 | 77,155 |
| 2001 | 3 | 6 | 3,489 | 141,235 |
| 2002 | 3 | 3 | 4,477 | 106,295 |
| 2003 | 1 | 2 | 2,623 | 79,875 |
| 2004 | 1 | - | - | - |
| 2005 | 1 | 2 | 877 | 30,528 |
| 2006 | - | - | - | - |
| 2007 | 2 | - | - | - |

Source: Hawaii State Department of Commerce and Consumer Affairs, Boxing Commission, records.

Table 7.67-- DOG LICENSES ISSUED, BY ISLAND: 1993 TO 2007

[Dogs are licensed on a biennial basis]

| Year | State total | Hawaii | Maui 1/ | Lanai | Molokai | Oahu | Kauai |
|------|-------------|--------|---------|-------|---------|-----------|-------|
| 1993 | 27,586 | 4,006 | 2,427 | 26 | 46 | 20,081 | 1,000 |
| 1994 | 29,010 | 4,099 | 3,171 | 26 | 57 | 19,485 | 2,172 |
| 1995 | 28,442 | 4,911 | 1,446 | 82 | 48 | 20,030 | 1,925 |
| 1996 | 30,376 | 5,381 | 699 | 32 | 58 | 21,245 | 2,961 |
| 1997 | 28,395 | 5,871 | 1,378 | 33 | 80 | 19,713 | 1,320 |
| 1998 | 28,645 | 5,777 | 649 | 35 | 83 | 19,861 | 2,240 |
| 1999 | 32,137 | 6,311 | 4,473 | 29 | 84 | 20,039 | 1,201 |
| 2000 | 31,147 | 5,627 | 4,587 | 57 | 25 | 20,066 | 785 |
| 2001 | 31,068 | 5,919 | 4,285 | (NA) | (NA) | 18,761 | 2,103 |
| 2002 | 30,909 | 6,809 | 4,420 | 50 | 30 | 17,752 | 1,848 |
| 2003 | 29,519 | 6,786 | 2,901 | 12 | 47 | 16,673 | 3,100 |
| 2004 | 50,180 | 8,085 | 3,977 | 25 | 30 | 2/ 36,121 | 1,942 |
| 2005 | 53,415 | 10,454 | 4,621 | 24 | 30 | 2/ 35,638 | 2,648 |
| 2006 | 50,440 | 8,836 | 4,282 | 17 | 27 | 2/ 35,163 | 2,115 |
| 2007 | 50,403 | 6,504 | 4,997 | 9 | 27 | 34,966 | 3,900 |

NA Not available.

1/ For the years 1995-1998, the number of registrations issued by the animal shelter (Maui Humane Society) was not included in the count. From year 2000 Maui County reported data in fiscal year, in 2001 Maui County reported 674 licenses which included Lanai and Molokai totals.

2/ Fiscal year ending June 30, figures are estimates.

Source: Compiled by the Hawaii State Department of Business, Economic Development & Tourism from the county Departments of Finance; Hawaiian Humane Society (for Oahu, 1995-2003); and Maui Humane Society (for Maui in 1999-2007).

Section 8

ELECTIONS

This section presents data on election districts, registered voters, votes cast, campaign expenditures, elected officials, and legislative activity.

The official results of the primary, general, and special elections are published by the Hawaii State Office of Elections. Additional information is often available from the various county clerks. Earlier figures for Hawaii appear in *Historical Statistics of Hawaii*, Section 24. National statistics appear in the *Statistical Abstract of the United States: 2008*, Section 7.

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Narrative

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| 08.02 | Registered Voters and Votes Cast in Primary and General Elections, by County: 2006 |
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**Table 8.01-- POPULATION OF VOTING AGE, REGISTERED VOTERS, AND
VOTES CAST IN GENERAL ELECTIONS: 1998 TO 2006**

| Subject | 1998 | 2000 | 2002 | 2004 | 2006 |
|----------------------------------|------|------|------|------|---------|
| Persons of voting age (1,000) 1/ | 855 | 855 | 873 | 938 | 975 |
| Registered voters (1,000) | 601 | 637 | 676 | 647 | 662 |
| Percent | 70.3 | 74.5 | 77.4 | 69.0 | 67.9 |
| Votes cast (1,000) | 413 | 371 | 385 | 432 | 348 |
| Percent | 48.3 | 43.4 | 44.1 | 46.1 | 2/ 35.7 |

1/ Resident population 18 years and over, including Armed Forces stationed in Hawaii, aliens, and institutional population. November estimates.

2/ Revised from previous *Data Book*.

Source: U.S. Census Bureau, <<http://www.census.gov/population/www/socdemo/voting.html>>
Table 4. Reported Voting and Registration, by Sex, Race, and Hispanic Origin, for States: November 1998;
Table 4a. Reported Voting and Registration of the Total Voting-Age Population, by Sex, Race, and Hispanic Origin, for States: November 2000; Table 4b. Reported Voting and Registration of the Total Voting-Age Population, by Age, for States: November 2002; Table 4a. Reported Voting and Registration of the Total Voting-Age Population, by Sex, Race and Hispanic Origin, for States: November 2004;
 State of Hawaii, Office of Elections, records.

**Table 8.02-- REGISTERED VOTERS AND VOTES CAST IN PRIMARY AND
GENERAL ELECTIONS, BY COUNTY: 2006**

| Election and county | Registered voters | | | Votes cast | |
|--|-------------------|---------|---------|------------|------------------------|
| | Both sexes | Male | Female | Number | Percent of reg. voters |
| PRIMARY ELECTION September 23, 2006 | | | | | |
| State Total | 655,741 | 315,410 | 340,331 | 277,251 | 42.3 |
| Hawaii | 90,402 | 43,061 | 47,341 | 38,603 | 42.7 |
| Maui | 79,773 | 38,796 | 40,977 | 28,537 | 35.8 |
| Honolulu | 447,727 | 215,329 | 232,398 | 192,474 | 43.0 |
| Kauai | 37,839 | 18,224 | 19,615 | 17,476 | 46.2 |
| GENERAL ELECTION November 7, 2006 | | | | | |
| State Total | 662,728 | 318,816 | 343,912 | 1/ 348,988 | 52.7 |
| Hawaii | 91,596 | 43,662 | 47,934 | 48,684 | 53.2 |
| Maui | 80,638 | 39,219 | 41,419 | 38,980 | 48.3 |
| Honolulu | 452,168 | 217,466 | 234,702 | 239,753 | 53.0 |
| Kauai | 38,326 | 18,469 | 19,857 | 21,334 | 55.7 |

1/ Includes 237 overseas ballots.

Source: State of Hawaii, Office of Elections, records.

**Table 8.03-- REGISTERED VOTERS AND VOTES CAST IN PRIMARY AND
GENERAL ELECTIONS: 1976 TO 2006**

| Type and date of election | Registered voters | | | Votes cast | |
|---------------------------|-------------------|---------|---------|------------|------------------------|
| | Both sexes | Male | Female | Number | Percent of reg. voters |
| PRIMARY ELECTIONS | | | | | |
| 1976: Oct. 2 | 353,249 | 175,276 | 177,973 | 251,457 | 71.2 |
| 1978: Oct. 7 | 387,673 | 190,796 | 196,877 | 289,029 | 74.6 |
| 1980: Sept. 20 | 384,858 | 186,982 | 197,876 | 264,041 | 68.6 |
| 1982: Sept. 18 | 385,307 | 185,763 | 199,544 | 272,691 | 70.8 |
| 1984: Sept. 22 | 398,858 | 190,525 | 208,333 | 221,957 | 55.6 |
| 1986: Sept. 20 | 398,197 | 189,655 | 208,542 | 281,352 | 70.6 |
| 1988: Sept. 17 1/ | 419,441 | 199,440 | 220,001 | 275,673 | 65.7 |
| 1990: Sept. 22 | 436,323 | 207,897 | 228,426 | 276,407 | 63.3 |
| 1992: Sept. 19 | 432,723 | 206,642 | 226,081 | 251,576 | 58.1 |
| 1994: Sept. 17 | 468,739 | 225,986 | 242,753 | 309,700 | 66.1 |
| 1996: Sept. 21 | 531,892 | 257,616 | 274,276 | 275,548 | 51.8 |
| 1998: Sept. 19 | 582,558 | 282,773 | 299,785 | 291,069 | 50.0 |
| 2000: Sept. 23 | 629,162 | 306,090 | 323,072 | 250,848 | 39.9 |
| 2002: Sept. 21 | 667,679 | 324,162 | 343,517 | 274,517 | 41.1 |
| 2004: Sept. 18 | 626,120 | 301,268 | 324,852 | 248,731 | 39.7 |
| 2006: Sept. 23 | 655,741 | 315,410 | 340,331 | 277,251 | 42.3 |
| GENERAL ELECTIONS | | | | | |
| 1976: Nov. 2 | 363,045 | 180,265 | 182,780 | 309,089 | 85.1 |
| 1978: Nov. 7 | 395,262 | 194,412 | 200,850 | 292,690 | 74.0 |
| 1980: Nov. 4 | 402,795 | 195,804 | 206,991 | 318,026 | 78.9 |
| 1982: Nov. 2 | 405,005 | 195,259 | 209,746 | 325,459 | 80.3 |
| 1984: Nov. 6 | 418,904 | 200,424 | 218,480 | 349,253 | 83.3 |
| 1986: Nov. 4 | 419,794 | 200,233 | 219,561 | 344,387 | 82.0 |
| 1988: Nov. 8 | 443,742 | 211,539 | 232,203 | 368,567 | 83.0 |
| 1990: Nov. 6 | 453,389 | 216,433 | 236,956 | 354,144 | 78.1 |
| 1992: Nov. 3 | 464,495 | 222,721 | 241,774 | 382,882 | 82.4 |
| 1994: Nov. 8 | 488,889 | 236,251 | 252,638 | 377,011 | 77.1 |
| 1996: Nov. 5 | 544,916 | 264,084 | 280,832 | 370,230 | 67.9 |
| 1998: Nov. 3 | 601,404 | 292,307 | 309,097 | 412,520 | 68.6 |
| 2000: Nov. 7 | 637,349 | 309,709 | 327,640 | 371,033 | 58.2 |
| 2002: Nov. 5 | 676,242 | 328,310 | 347,932 | 385,462 | 57.0 |
| 2004: Nov. 2 | 647,238 | 311,309 | 335,929 | 431,662 | 66.7 |
| 2006: Nov. 7 | 662,728 | 318,816 | 343,912 | 348,988 | 52.7 |

1/ Distribution by gender as of September 1, 1988, 16 days before the election.

Source: State of Hawaii, Office of Elections, records.

**Table 8.04-- VOTES CAST FOR CANDIDATES FOR MAJOR OFFICES:
PRIMARY ELECTION, SEPTEMBER 23, 2006**

| Office, party, and candidate | Votes 1/ | Office, party, and candidate | Votes 1/ |
|------------------------------|----------|------------------------------|----------|
| U.S. SENATE | | U.S. HOUSE, DISTRICT 1 | |
| Democrat | | Democrat | |
| Akaka, Daniel | 129,158 | Abercrombie, Neil | 82,169 |
| Case, Ed | 107,163 | Kaan, Alexandra | 21,667 |
| Republican | | Republican | |
| Beatty, Mark | 6,057 | Hough, Richard | 5,652 |
| Friedheim, Jay | 2,299 | Terry, Mark | 4,180 |
| Tataii, Steve | 1,601 | | |
| Libertarian | | U.S. HOUSE, DISTRICT 2 | |
| Mallan, Lloyd | 211 | Democrat | |
| Nonpartisan | | Aipoalani, Hanalei | 2,688 |
| Amsterdam, C. Kaul | 168 | Garcia, Nestor | 4,479 |
| | | Hanabusa, Colleen | 23,643 |
| | | Hee, Clayton | 12,649 |
| | | Hirono, Mazie | 24,487 |
| | | Hooser, Gary | 10,730 |
| | | Matsunaga, Matt | 16,001 |
| | | Menor, Ron | 8,030 |
| | | Schatz, Brian | 8,254 |
| | | Zuiker, Joe | 1,174 |
| | | Republican | |
| | | Hogue, Bob | 8,420 |
| | | Kawananaoka, Quentin | 8,226 |

Continued on next page.

**Table 8.04-- VOTES CAST FOR CANDIDATES FOR MAJOR OFFICES:
PRIMARY ELECTION, SEPTEMBER 23, 2006 -- Con.**

| Office, party, and candidate | Votes 1/ | Office, party, and candidate | Votes 1/ |
|------------------------------|----------|------------------------------|----------|
| GOVERNOR | | MAYOR, COUNTY OF MAUI | |
| Democrat | | Apana, James | 6,373 |
| Aila, William | 43,845 | Aquino, Lehuanani | 115 |
| Iwase, Randy | 119,058 | Arakawa, Alan | 7,698 |
| Tanabe, Van | 16,317 | Kane, Dain | 3,508 |
| Republican | | Miller, Harold | 101 |
| Berish, George | 295 | Tavares, Charmaine | 8,711 |
| Lingle, Linda | 31,275 | | |
| Manner, Paul | 211 | MAYOR, COUNTY OF KAUAI | |
| Peabody, George | 322 | | |
| Green | | Baptiste, Bryan | 8,173 |
| Brewer, Jim | 260 | Fukushima, Jesse | 4,725 |
| Nonpartisan | | Hoff, John | 1,984 |
| Cunningham, Daniel | 90 | Pleas, Bruce | 1,083 |
| Hara, Bradley | 60 | | |
| LT. GOVERNOR | | | |
| Democrat | | | |
| Henkin, David | 34,039 | | |
| Mook, Michael | 14,635 | | |
| Shiratori, Miles | 33,713 | | |
| Solomon, Malama | 77,895 | | |
| Republican | | | |
| Aiona, James | 29,823 | | |
| Green | | | |
| Ing, Renee | 254 | | |
| Libertarian | | | |
| Zhao, Li | 204 | | |

1/ Excludes blank and overvotes.

Source: State of Hawaii, Office of Elections, records.

**Table 8.05-- VOTES CAST BY PARTY BALLOT IN PRIMARY ELECTIONS:
1988 TO 2006**

| Year | Total party ballots cast | Democratic | Republican | Other parties | Nonpartisan | Invalid, blank, multiparty |
|-------------|---------------------------------|-------------------|-------------------|----------------------|--------------------|-----------------------------------|
| 1988 | 275,673 | 221,340 | 50,924 | 563 | 1,340 | 1,180 |
| 1990 | 276,407 | 221,839 | 48,563 | 963 | 3,847 | 1,195 |
| 1992 | 251,576 | 194,945 | 49,379 | 4,290 | 1,815 | 1,147 |
| 1994 | 309,700 | 212,270 | 58,316 | 35,355 | 2,045 | 1,714 |
| 1996 | 275,548 | 213,512 | 54,644 | 3,273 | 2,443 | 1,676 |
| 1998 | 291,069 | 122,977 | 159,126 | 752 | 197 | 8,017 |
| 2000 | 250,848 | 177,269 | 61,178 | 2,987 | 72 | 9,342 |
| 2002 | 274,517 | 188,781 | 79,871 | 1,392 | 322 | 4,151 |
| 2004 | 248,731 | 176,453 | 60,222 | 928 | 1,567 | 9,561 |
| 2006 | 281,924 | 238,040 | 32,698 | 5,727 | 228 | 5,231 |

Source: State of Hawaii, Office of Elections, records.

**Table 8.06-- VOTES CAST BY PARTY BALLOT IN PRIMARY ELECTION,
BY COUNTY: SEPTEMBER 23, 2006**

| Party | State total | County of Hawaii | County of Maui | City and County of Honolulu | County of Kauai |
|----------------------------|--------------------|-------------------------|-----------------------|------------------------------------|------------------------|
| Total votes cast | 276,693 | 38,546 | 28,446 | 192,322 | 17,379 |
| Democratic | 238,040 | 33,931 | 23,975 | 164,914 | 15,220 |
| Green | 270 | 82 | 45 | 128 | 15 |
| Libertarian | 226 | 65 | 29 | 117 | 15 |
| Republican | 32,698 | 3,945 | 3,740 | 23,258 | 1,755 |
| Nonpartisan | 228 | 41 | 45 | 122 | 20 |
| Invalid, blank, multiparty | 5,231 | 482 | 612 | 3,783 | 354 |

Source: State of Hawaii, Office of Elections, records.

Table 8.07-- NUMBER OF PRECINCTS, REGISTERED VOTERS, AND VOTES CAST IN GENERAL ELECTION, BY ISLAND: NOVEMBER 7, 2006

| Island | Number of precincts | Registered voters | Votes cast 1/ | Percent voting |
|------------------------------|----------------------------|--------------------------|----------------------|-----------------------|
| State total | 353 | 662,728 | 2/ 348,988 | 52.7 |
| Hawaii | 71 | 91,596 | 48,684 | 53.2 |
| Maui | 38 | 75,929 | 37,022 | 48.8 |
| Lanai | 1 | 1,641 | 659 | 40.2 |
| Molokai: Molokai District | 4 | 3,012 | 1,270 | 42.2 |
| Kalawao District (Kalaupapa) | 1 | 56 | 29 | 51.8 |
| Oahu 3/ | 217 | 452,168 | 239,753 | 53.0 |
| Kauai | 20 | 38,234 | 21,298 | 55.7 |
| Niihau | 1 | 92 | 36 | 39.1 |

1/ Election day precinct turnout, does not include absentee mail-in and absentee walk-in voting figures.

2/ Include 237 overseas ballots cast.

3/ Includes the Northwestern Hawaiian Islands as part of the 51st Representative District.

Source: State of Hawaii, Office of Elections, records.

**Table 8.08-- AGE AND SEX OF REGISTERED VOTERS IN GENERAL
ELECTION: NOVEMBER 7, 2006**

[As of October 14, 2006]

| Age | Both sexes | Male | Female |
|----------------------------------|-------------------|-------------|---------------|
| All ages (except 16 or 17 years) | 662,728 | 318,816 | 343,912 |
| 16 or 17 years 1/ | 1,927 | 808 | 1,119 |
| 18 or 19 years | 9,765 | 4,430 | 5,335 |
| 20 to 29 years | 94,555 | 44,537 | 50,018 |
| 30 to 39 years | 108,217 | 52,848 | 55,369 |
| 40 to 49 years | 128,383 | 62,585 | 65,798 |
| 50 to 64 years | 187,479 | 92,144 | 95,335 |
| 65 years and over | 134,328 | 62,272 | 72,056 |
| Not reported | 1 | - | 1 |

1/ These registered individuals will become eligible to vote upon their 18th birthday.

Source: State of Hawaii, Office of Elections, records.

**Table 8.09-- VOTES CAST FOR MAJOR OFFICES: GENERAL ELECTIONS,
1988 TO 2006**

| Office and election year | Total votes cast 1/ | Democrat | | Republican | | Other parties: votes |
|--|---------------------|-----------------|---------|--------------|---------|----------------------|
| | | Candidate | Votes | Candidate | Votes | |
| PRESIDENT | | | | | | |
| 1988 | 354,461 | Dukakis, M. | 192,364 | Bush G. | 158,625 | 3,472 |
| 1992 | 372,842 | Clinton, W. | 179,310 | Bush, G. | 136,822 | 56,710 |
| 1996 | 360,120 | Clinton, W. | 205,012 | Dole, R. | 113,943 | 41,165 |
| 2000 | 367,951 | Gore, A. | 205,286 | Bush, G.W. | 137,845 | 24,820 |
| 2004 | 429,013 | Kerry, J.F. | 231,708 | Bush, G.W. | 194,191 | 3,114 |
| U.S. SENATOR | | | | | | |
| 1988 | 323,876 | Matsunaga, S. | 247,941 | Hustace, M. | 66,987 | 8,948 |
| 1990 | 349,666 | Akaka, D. 2/ | 188,901 | Saiki, P. | 155,978 | 4,787 |
| 1992 | 363,662 | Inouye, D. | 208,266 | Reed, R. | 97,928 | 57,468 |
| 1994 | 356,902 | Akaka, D. | 256,189 | Hustace, M. | 86,320 | 14,393 |
| 1998 | 398,124 | Inouye, D. | 315,252 | Young, C. | 70,964 | 11,908 |
| 2000 | 345,623 | Akaka, D. | 251,215 | Carroll, J. | 84,701 | 9,707 |
| 2004 | 415,347 | Inouye, D. | 313,629 | Cavasso, C. | 87,172 | 14,546 |
| 2006 | 342,842 | Akaka, D. | 210,330 | Thielen, C. | 126,097 | 6,415 |
| U.S. REPRESENTATIVE, DISTRICT 1 | | | | | | |
| 1988 | 177,020 | Bitterman, M. | 76,394 | Saiki, P. | 96,848 | 3,778 |
| 1990 | 162,711 | Abercrombie, N. | 97,622 | Liu, M. | 62,982 | 2,107 |
| 1992 | 177,476 | Abercrombie, N. | 129,332 | Sutton, W. | 41,575 | 6,569 |
| 1994 | 176,706 | Abercrombie, N. | 94,754 | Swindle, O. | 76,623 | 5,329 |
| 1996 | 172,206 | Abercrombie, N. | 86,732 | Swindle, O. | 80,053 | 5,421 |
| 1998 | 189,571 | Abercrombie, N. | 116,693 | Ward, G. | 68,905 | 3,973 |
| 2000 | 157,194 | Abercrombie, N. | 108,517 | Meyers, P. | 44,989 | 3,688 |
| 2002 | 180,733 | Abercrombie, N. | 131,673 | Terry, M. | 45,032 | 4,028 |
| 2004 | 204,181 | Abercrombie, N. | 128,567 | Tanonaka, D. | 69,371 | 6,243 |
| 2006 | 162,794 | Abercrombie, N. | 112,904 | Hough, R. | 49,890 | - |

Continued on next page.

**Table 8.09-- VOTES CAST FOR MAJOR OFFICES: GENERAL ELECTIONS,
1988 TO 2006 -- Con.**

| Office and election year | Total votes cast 1/ | Democrat | | Republican | | Other parties: votes |
|--|---------------------|--------------|---------|---------------|---------|----------------------|
| | | Candidate | Votes | Candidate | Votes | |
| U.S. REPRESENTATIVE, DISTRICT 2 | | | | | | |
| 1988 | 162,808 | Akaka, D. | 144,802 | None | - | 18,006 |
| 1990 | 178,288 | Mink, P. | 118,155 | Poepoe, A. | 54,625 | 5,508 |
| 1992 | 180,955 | Mink, P. | 131,454 | Price, K. | 40,070 | 9,431 |
| 1994 | 177,396 | Mink, P. | 124,431 | Garner, R. | 42,891 | 10,074 |
| 1996 | 180,963 | Mink, P. | 109,178 | Pico, T. | 55,729 | 16,056 |
| 1998 | 207,871 | Mink, P. | 144,254 | Douglass, C. | 50,423 | 13,194 |
| 2000 | 183,230 | Mink, P. | 112,856 | Francis, R. | 65,906 | 4,468 |
| 2002 | 179,251 | Mink, P. 3/ | 100,671 | McDermott, B. | 71,661 | 6,919 |
| 2004 | 212,389 | Case, E. | 133,317 | Gabbard, M. | 79,072 | - |
| 2006 | 175,150 | Hirono, M. | 106,906 | Hogue, B. | 68,244 | - |
| GOVERNOR | | | | | | |
| 1990 | 340,132 | Waihee, J. | 203,491 | Hemmings, F. | 131,310 | 5,331 |
| 1994 | 369,013 | Cayetano, B. | 134,978 | Saiki, P. | 107,908 | 4/ 126,127 |
| 1998 | 407,556 | Cayetano, B. | 204,206 | Lingle, L. | 198,952 | 4,398 |
| 2002 | 382,110 | Hirono, M. | 179,647 | Lingle, L. | 197,009 | 5,454 |
| 2006 | 344,315 | Iwase, R. | 121,717 | Lingle, L. | 215,313 | 7,285 |

1/ Excludes over votes and blank votes.

2/ D. Akaka was appointed by the Governor to fill the seat made vacant by the death of Senator Matsunaga. He was sworn in on May 16, 1990 and elected on Nov. 8, 1990.

3/ Due to P. Mink's death on September 28, 2002, a special election was held on November 30, 2002 to fill her existing term seat, E. Case (D) won with 23,576 votes. A special election for the next full term was held on January 4, 2003, E. Case (D) won with 33,002 votes.

4/ 113,158 votes for F. Fasi (Best) and 12,969 votes for K. Dudley (Green).

Source: State of Hawaii, Office of Elections, records.

**Table 8.10-- VOTES CAST FOR THE OFFICE OF MAYOR:
GENERAL ELECTIONS, 1992 TO 2006**

| Election year | Total votes cast 1/ | Top candidates | | | | Other candidates: votes |
|--------------------------------------|---------------------|------------------|---------|-----------------|---------|-------------------------|
| | | Winner | | | | |
| | | Candidate | Votes | Candidate | Votes | |
| CITY & COUNTY OF HONOLULU | | | | | | |
| 1992 | 263,328 | Fasi, F. (R) | 127,939 | O'Connor, D.(D) | 124,719 | 10,670 |
| 1994 2/ | | | | | | |
| 1996 3/ | 254,780 | Harris, J. | 146,034 | Morgado, A. | 108,746 | - |
| 2000 4/ | | | | | | |
| 2004 | 294,544 | Hannemann, M. | 147,949 | Bainum, D. | 146,595 | - |
| COUNTY OF HAWAII | | | | | | |
| 1992 | 50,266 | Yamashiro, S.(D) | 27,782 | Davis, J. (G) | 14,117 | 8,367 |
| 1996 | 48,974 | Yamashiro, S.(D) | 19,807 | Bonk, K. (G) | 16,659 | 12,508 |
| 2000 | 50,282 | Kim, H. (R) | 25,289 | Holschuh, F.(D) | 14,989 | 10,004 |
| 2004 5/ | | | | | | |
| COUNTY OF MAUI | | | | | | |
| 1994 | 35,373 | Lingle, L. (R) | 18,188 | Hokama, G.(D) | 15,304 | 1,881 |
| 1998 | 42,451 | Apana, J. (D) | 22,350 | Arakawa, A.(R) | 20,101 | - |
| 2002 | 40,671 | Arakawa, A. (R) | 20,887 | Apana, J. (D) | 19,784 | - |
| 2006 | 38,179 | Tavares, C. | 19,964 | Arakawa, A.(R) | 18,215 | - |
| COUNTY OF KAUAI | | | | | | |
| 1994 | 21,309 | Kusaka, M. (R) | 11,321 | Tehada, J. (D) | 9,988 | - |
| 1998 | 23,679 | Kusaka, M. (R) | 14,115 | Thronas, M. (D) | 9,564 | - |
| 2002 3/ | 22,691 | Baptiste, B. | 12,174 | Kouchi, R. | 10,517 | - |
| 2006 6/ | | | | | | |

Continued on next page.

**Table 8.10-- VOTES CAST FOR THE OFFICE OF MAYOR:
GENERAL ELECTIONS, 1992 TO 2006 -- Con.**

D Democrat.

G Hawaii Green.

R Republican.

1/ Excludes over votes and blank votes.

2/ In 1994, Mayor Fasi resigned to run for governor, creating the need for a special election to choose his successor. This special election was held in conjunction with the 1994 primary election, with all 14 candidates running on a nonpartisan, winner-take-all basis. J. Harris, A. Morgado and other candidates received 67,670, 58,018 and 87,928 votes, respectively.

3/ Nonpartisan election.

4/ In the nonpartisan primary election, Jeremy Harris won with over 50% of the votes, therefore, a runoff in the general election was not necessary. J. Harris, M. Hannemann and F. Fasi received 94,067, 65,652 and 23,293 votes, respectively.

5/ Contest was decided in the Primary Election, Harry Kim won with 20,521 votes.

6/ Contest was decided in the Primary Election, Bryan Baptiste won with 8,173 votes.

Source: State of Hawaii, Office of Elections, records.

**Table 8.11-- VOTES CAST FOR MAJOR OFFICES, BY COUNTY:
GENERAL ELECTION, NOVEMBER 7, 2006**

[Excludes blank and overvotes]

| Office, candidate and party 1/ | County of Hawaii | County of Maui | City and County of Honolulu | County of Kauai |
|-----------------------------------|---------------------|-------------------|-----------------------------------|--------------------|
| U.S. SENATOR | | | | |
| Akaka, Daniel (D) | 30,387 | 25,916 | 139,330 | 14,505 |
| Mallan, Lloyd (L) | 1,295 | 932 | 3,802 | 376 |
| Thielen, Cinthia (R) | 16,115 | 11,369 | 92,762 | 5,817 |
| U.S. HOUSE, DISTRICT 1 | | | | |
| Abercrombie, Neil (D) | (X) | (X) | 112,783 | (X) |
| Hough, Richard (R) | (X) | (X) | 49,867 | (X) |
| U.S. HOUSE, DISTRICT 2 | | | | |
| Hirono, Mazie (D) | 30,840 | 25,946 | 35,335 | 14,706 |
| Hogue, Bob (R) | 16,859 | 12,184 | 33,216 | 5,973 |
| GOVERNOR | | | | |
| Brewer, Jim (G) | 955 | 585 | 3,406 | 489 |
| Daniel, Ozell (L) | 332 | 241 | 1,168 | 109 |
| Iwase, Randy (D) | 19,388 | 15,930 | 76,894 | 9,505 |
| Lingle, Linda (R) | 27,438 | 21,773 | 155,288 | 10,814 |

X Not applicable.

1/ D, Democrat; G, Green; L, Libertarian; R, Republican.

Source: State of Hawaii, Office of Elections, records.

**Table 8.12-- NEIGHBORHOOD BOARD ELECTIONS, FOR OAHU:
1989 TO 2007**

| Year | Number of boards | | Board seats elected | Ballots mailed 2/ | Voters (ballots cast) |
|------|--------------------------|-------------------------|------------------------|----------------------|--------------------------|
| | In operation, Dec. 31 | Holding elections 1/ | | | |
| 1989 | 30 | 30 | 438 | 273,954 | 91,285 |
| 1991 | 30 | 30 | 438 | 260,923 | 85,457 |
| 1993 | 30 | 30 | 444 | 279,392 | 97,476 |
| 1995 | 31 | 31 | 447 | 281,437 | 85,597 |
| 1997 | 32 | 32 | 456 | 273,768 | 83,278 |
| 1999 | 32 | 32 | 408 | 299,799 | 82,574 |
| 2001 | 32 | 32 | 454 | 223,636 | 69,134 |
| 2003 | 32 | 32 | 444 | 159,917 | 42,841 |
| 2005 | 32 | 32 | 444 | 194,282 | 48,487 |
| 2007 | 32 | 32 | 444 | 231,135 | 44,256 |

1/ 1986 rules provide for all board elections to be held at the same time, rather than staggered throughout the year.

2/ 2000 rules provide for uncontested candidates to be declared elected, thus no ballots are mailed for uncontested candidates.

Source: City and County of Honolulu, Neighborhood Commission, records.

**Table 8.13-- PARTY MEMBERSHIP OF THE STATE LEGISLATURE:
1987 TO 2008**

| Regular session | House of Representatives | | | | Senate | | | |
|-----------------|--------------------------|-----------|-------------|-------|--------|-----------|-------------|-------|
| | Total | Democrats | Republicans | Other | Total | Democrats | Republicans | Other |
| 1987 | 51 | 40 | 11 | - | 25 | 20 | 5 | - |
| 1989 | 51 | 45 | 6 | - | 25 | 22 | 3 | - |
| 1991 | 51 | 45 | 6 | - | 25 | 22 | 3 | - |
| 1993 | 51 | 47 | 4 | - | 25 | 22 | 3 | - |
| 1995 | 51 | 44 | 7 | - | 25 | 23 | 2 | - |
| 1997 | 51 | 39 | 12 | - | 25 | 23 | 2 | - |
| 1999 | 51 | 39 | 12 | - | 25 | 23 | 2 | - |
| 2000 | 51 | 32 | 19 | - | 25 | 22 | 3 | - |
| 2001 | 51 | 32 | 19 | - | 25 | 22 | 3 | - |
| 2002 | 51 | 36 | 15 | - | 25 | 20 | 5 | - |
| 2003 | 51 | 36 | 15 | - | 25 | 20 | 5 | - |
| 2004 | 51 | 36 | 15 | - | 25 | 20 | 5 | - |
| 2005 | 51 | 41 | 10 | - | 25 | 20 | 5 | - |
| 2006 | 51 | 41 | 10 | - | 25 | 20 | 5 | - |
| 2007 | 51 | 43 | 8 | - | 25 | 20 | 5 | - |
| 2008 | 51 | 44 | 7 | - | 25 | 21 | 4 | - |

Source: Hawaii State Office of Elections, records; Hawaii State Legislature
 <<http://www.capitol.hawaii.gov/site1/house/members/members.asp>> and
 <<http://www.capitol.hawaii.gov/site1/senate/members/members.asp>>
 accessed March 4, 2008.

Table 8.14-- LENGTH OF LEGISLATIVE SESSIONS: 1992 TO 2008

| Year | Regular sessions | | Special sessions | |
|------|------------------|-----------|------------------|-----------|
| | Date convened | Length 1/ | Date convened | Length 1/ |
| 1992 | Jan. 15 | 2/ 107 | None | - |
| 1993 | Jan. 20 | 104 | Aug. 23 | 22 |
| 1994 | Jan. 19 | 104 | None | - |
| 1995 | Jan. 18 | 104 | 3/ June 5 | 4/ 7 |
| 1996 | Jan. 17 | 104 | None | - |
| 1997 | Jan. 15 | 5/ 107 | None | - |
| 1998 | Jan. 21 | 6/ 114 | None | - |
| 1999 | Jan. 20 | 105 | None | - |
| 2000 | Jan. 19 | 105 | 7/ Aug. 3 | 8/ 18 |
| 2001 | Jan. 17 | 107 | 9/ June 4 | 10/ 18 |
| 2002 | Jan. 16 | 107 | None | - |
| 2003 | Jan. 15 | 107 | July 8 | 1 |
| 2004 | Jan. 21 | 107 | None | - |
| 2005 | Jan. 19 | 107 | July 12 | 1 |
| 2006 | Jan. 18 | 107 | None | - |
| 2007 | Jan. 17 | 107 | 11/ Jul 10 | 12/ 11 |
| 2008 | Jan. 16 | 106 | July 8 | 1 |

1/ Calendar days, including Saturdays, Sundays, holidays, and recess days, including mandatory five-day recess required by Art. III, sec. 10, of the Hawaii Constitution.

2/ Session extended 2 days by the legislature and 5 hours (at one hour intervals) by Governor Waihee.

3/ The Second Special Session of 1995 convened on September 20.

4/ Combined length for First Special Session (5 days) and Second Special Session (2 days).

5/ Session extended 1 day by the legislature.

6/ Session extended by Governor Cayetano from May 6 to May 14.

7/ The Second Special Session of 2000 convened on August 7.

8/ Combined length for the First Special Session (2 days) and Second Session (16 days).

9/ The Second Special Session of 2001 convened on July 10 and the Third Special Session of 2001 convened on October 22.

10/ Combined length for the First Special Session (5 days), Second Special Session (1 day), and Third Special Session (12 days).

11/ The Second Special Session of 2007 convened on October 24 and the Third Special Session of 2007 convened on November 19.

12/ Combined length for the First Special Session (1 day), Second Special Session (8 days), and Third Special Session (2 days).

Source: Legislative Reference Bureau, records.

**Table 8.15-- LEGISLATIVE BILLS AND RESOLUTIONS, BY DISPOSITION:
2006 AND 2007**

| Action | Session | | | | |
|---------------------------------|---------|---------|---------|-------------|-------------|
| | 2006 | 2007 | | | |
| | Regular | Regular | Special | 2nd Special | 3rd Special |
| House bills: | | | | | |
| Carried over from previous year | 1,645 | - | - | - | - |
| Introduced | 1,475 | 1,967 | - | 3 | - |
| Passed 1/ | 172 | 195 | - | 1 | - |
| Vetoed | 19 | 21 | - | - | - |
| Became law 2/ | 152 | 178 | 7 | 1 | - |
| Senate bills: | | | | | |
| Carried over from previous year | 1,768 | - | - | - | - |
| Introduced | 1,283 | 1,995 | - | 2 | - |
| Passed 1/ | 182 | 133 | - | 1 | - |
| Vetoed | 13 | 21 | - | - | - |
| Became law 3/ | 166 | 116 | 4 | 1 | - |
| House resolutions: | | | | | |
| Offered | 293 | 299 | 2 | 2 | - |
| Adopted | 145 | 115 | 2 | 2 | - |
| House concurrent resolutions: | | | | | |
| Offered | 329 | 344 | - | - | - |
| Adopted | 84 | 34 | - | - | - |
| Senate resolutions: | | | | | |
| Offered | 175 | 153 | 2 | 3 | 1 |
| Adopted | 83 | 78 | 2 | 3 | 1 |
| Senate concurrent resolutions: | | | | | |
| Offered | 233 | 226 | 3 | - | - |
| Adopted | 62 | 46 | - | - | - |

Continued on next page.

**Table 8.15-- LEGISLATIVE BILLS AND RESOLUTIONS, BY DISPOSITION:
2006 AND 2007 -- Con.**

1/ The 2006 totals include the following bills proposing constitutional amendments: H.B. 1917, S.B. 995, S.B. 2246, and S.B. 2479.

2/ The 2006 total includes the following bills that became law without the Governor's signature: H.B. 386, H.B. 1233, H.B. 1891, H.B. 1918, H.B. 1923, H.B. 2098, H.B. 2258, H.B. 2555, H.B. 2595, H.B. 3016, H.B. 3105, and H.B. 3142. The 2007 total includes: (1) the following bills that became law without the Governor's signature: H.B. 15, H.B. 122, H.B. 399, H.B. 497, H.B. 507, H.B. 531, H.B. 598, H.B. 767, H.B. 777, H.B. 895, H.B. 899, H.B. 1014, H.B. 1081, H.B. 1083, H.B. 1477, H.B. 1630, H.B. 1746, and H.B. 1866; and (2) the following bills that were vetoed then overridden: H.B. 10, H.B. 861, H.B. 863, and H.B. 1672. The 2007 Special Session total includes the following bills that were vetoed and overridden: H.B. 30, H.B. 310, H.B. 718, H.B. 1270, H.B. 1503, H.B. 1605, and H.B. 1830.

3/ The 2006 total includes the following bills that became law without the Governor's signature: S.B. 2193, S.B. 2274, S.B. 2575, S.B. 2581, S.B. 2602, S.B. 2708, S.B. 2719, S.B. 2961, S.B. 3009, S.B. 3059, S.B. 3066, S.B. 3180, and S.B. 3270. The 2007 total includes: (1) the following bills that became law without the Governor's signature: S.B. 95, S.B. 138, S.B. 162, S.B. 686, S.B. 688, S.B. 810, S.B. 820, S.B. 1026, S.B. 1047, S.B. 1614, S.B. 1672, S.B. 1676, S.B. 1792, S.B. 1833, and S.B. 1931; and (2) the following bills that were vetoed then overridden: S.B. 14, S.B. 1063, S.B. 1642, and S.B. 1816. The 2007 Special Session total includes the following bills that were vetoed then overridden: S.B. 932, S.B. 1066, S.B. 1191, and S.B. 1922.

Source: Legislative Reference Bureau, records.

**Table 8.16-- LEGISLATIVE BILLS AND RESOLUTIONS, BY DISPOSITION:
2008**

| Action | Session | |
|---------------------------------|---------|---------|
| | 2008 | |
| | Regular | Special |
| House bills: | | |
| Carried over from previous year | 1,772 | - |
| Introduced | 1,484 | - |
| Passed 1/ | 146 | - |
| Vetoed | 23 | - |
| Became law 2/ | 126 | 3 |
| Senate bills: | | |
| Carried over from previous year | 1,862 | - |
| Introduced | 1,264 | - |
| Passed 1/ | 148 | - |
| Vetoed | 35 | - |
| Became law 3/ | 118 | 11 |
| House resolutions: | | |
| Offered | 334 | 3 |
| Adopted | 136 | 3 |
| House concurrent resolutions: | | |
| Offered | 373 | - |
| Adopted | 45 | - |
| Senate resolutions: | | |
| Offered | 143 | 2 |
| Adopted | 53 | 2 |
| Senate concurrent resolutions: | | |
| Offered | 236 | - |
| Adopted | 45 | - |

Continued on next page.

**Table 8.16-- LEGISLATIVE BILLS AND RESOLUTIONS, BY DISPOSITION:
2008 -- Con.**

1/ The 2008 totals include S.B. 966 which proposes a constitutional amendment.

2/ The 2008 total includes: (1) the following bills that became law without the Governor's signature H.B. 357, H.B. 661, H.B. 2062, H.B. 2293, H.B. 2486, H.B. 2507, H.B. 2519, H.B. 2520, H.B. 2661, H.B. 2727, H.B. 2763, H.B. 2781, H.B. 2872, and H.B. 2908; and (2) H.B. 2531 and H.B. 3161 which contain a vetoed item; and (3) H.B. 7 which was vetoed then overridden. The 2008 Special Session total includes the following bills that were vetoed then overridden during the Special Session of 2008: H.B. 2250, H.B. 2761, and H.B. 2843.

3/ The 2008 total includes: (1) the following bills that became law without the Governor's signature S.B. 69, S.B. 1804, S.B. 2041, S.B. 2153, S.B. 2314, S.B. 2365, S.B. 2449, S.B. 2646, S.B. 2816, S.B. 2833, S.B. 2850, S.B. 3030, S.B. 3200, and S.B. 3255; (2) S.B. 2082 and S.B. 2915 which contain a vetoed item; and (3) the following bills that were vetoed then overridden: S.B. 868, S.B. 2779, and S.B. 2898. The 2008 Special Session total includes: (1) the following bills that were vetoed then overridden during the Special Session of 2008: S.B. 156, S.B. 2262, S.B. 2263, S.B. 2345, S.B. 2542, S.B. 2668, S.B. 2803, S.B. 2840, S.B. 2843, and S.B. 2878; and (2) S.B. 2830 (Act 220 of 2008) which contains a vetoed item that was overridden and the overridden item became Act 11 of the 2008 Special Session.

Source: Legislative Reference Bureau, records.

Section 9

GOVERNMENT FINANCES AND EMPLOYMENT

This section presents statistics relating to the revenues, expenditures, debt, and civilian employment of Federal, State and county governments in Hawaii. Additional information appears in Sections 10 and 12.

Local government is vested in one combined city-county (Honolulu, consisting of the Island of Oahu and outlying islets), three non-metropolitan counties (Hawaii, Kauai, and Maui), and one area (Kalawao County) administered by the Hawaii State Department of Health. Separate municipal governments do not exist.

Important sources for statistics on government in Hawaii include the quinquennial U.S. Census of Governments and various annual publications of the U.S. Census Bureau, reports of the U.S. Internal Revenue Service, Hawaii State Department of Accounting and General Services, Hawaii State Department of Budget and Finance, Hawaii State Department of Taxation, the County auditors and finance directors, and annual compilation by the Tax Foundation of Hawaii, most recently published as *Government in Hawaii: A Handbook of Financial Statistics*. Data extending back to the middle of the 19th century are summarized in *Historical Statistics of Hawaii*, Section 25. Comparable national statistics appear in the *Statistical Abstract of the United States: 2008*, Sections 8 and 9.

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**Table 9.01-- FEDERAL, STATE, AND COUNTY TAX COLLECTIONS:
1980 TO 2007**

[In thousands of dollars. For fiscal year ending September 30 for federal, June 30 for others]

| Year | All levels | Federal | State and counties | | |
|------|------------|-----------|--------------------|-----------|----------|
| | | | Total | State | Counties |
| 1980 | 2,966,128 | 1,670,459 | 1,295,669 | 1,255,622 | 40,047 |
| 1981 | 3,245,507 | 1,826,363 | 1,419,144 | 1,371,490 | 47,655 |
| 1982 | 3,314,106 | 1,876,628 | 1,437,478 | 1,132,699 | 304,779 |
| 1983 | 3,451,664 | 1,897,858 | 1,553,806 | 1,225,010 | 328,796 |
| 1984 | 3,655,283 | 1,980,467 | 1,674,816 | 1,331,551 | 343,265 |
| 1985 | 3,922,942 | 2,116,773 | 1,806,169 | 1,440,553 | 365,616 |
| 1986 | 4,296,653 | 2,337,028 | 1,959,625 | 1,562,195 | 397,429 |
| 1987 | 4,997,831 | 2,809,135 | 2,188,696 | 1,776,430 | 412,266 |
| 1988 | 5,765,935 | 3,310,750 | 2,455,185 | 2,033,181 | 422,004 |
| 1989 | 6,464,598 | 3,731,845 | 2,732,753 | 2,283,891 | 448,862 |
| 1990 | 7,212,998 | 4,264,127 | 2,948,871 | 2,441,273 | 507,598 |
| 1991 | 7,904,148 | 4,570,534 | 3,333,614 | 2,753,562 | 580,052 |
| 1992 | 7,975,930 | 4,542,943 | 3,432,986 | 2,772,325 | 660,662 |
| 1993 | 8,033,353 | 4,489,142 | 3,544,211 | 2,829,710 | 714,501 |
| 1994 | 8,346,552 | 4,613,645 | 3,732,906 | 2,991,811 | 741,096 |
| 1995 | 8,211,146 | 4,461,739 | 3,749,407 | 3,012,835 | 736,572 |
| 1996 | 8,571,030 | 4,573,256 | 3,997,774 | 3,257,099 | 740,675 |
| 1997 | (NA) | (1/) | 4,040,110 | 3,301,030 | 739,081 |
| 1998 | 8,748,424 | 4,690,970 | 4,057,454 | 3,324,827 | 732,627 |
| 1999 | 9,628,577 | 5,566,221 | 4,062,356 | 3,334,087 | 728,269 |
| 2000 | 10,483,283 | 6,236,857 | 4,246,426 | 3,496,500 | 749,926 |
| 2001 | (NA) | 6,689,385 | (NA) | (NA) | (NA) |
| 2002 | 9,930,343 | 5,559,960 | 4,370,383 | 3,564,850 | 805,533 |
| 2003 | 9,836,631 | 5,262,429 | 4,574,202 | 3,723,126 | 851,076 |
| 2004 | (NA) | 8,394,777 | (NA) | (NA) | (NA) |
| 2005 | (NA) | 6,680,481 | (NA) | (NA) | (NA) |
| 2006 | (NA) | 7,122,326 | (NA) | (NA) | (NA) |
| 2007 | (NA) | 7,666,494 | (NA) | (NA) | (NA) |

NA Not available.

1/ IRS *Data Book 1997* contains data for the Pacific-Northwest of which Hawaii is a part. No Hawaii detail.

Source: Tax Foundation of Hawaii, *Government in Hawaii* (annual) and unpublished compilations of Hawaii State Department of Accounting and General Services, Annual Report of the Comptroller (annual) and of the Finance Directors' Annual Reports of the City & County of Honolulu, and the counties of Hawaii, Kauai and Maui (various reports); and U.S. Department of the Treasury, Internal Revenue Service, *Annual Report of the Commissioner* (annual through 1992); *IRS Data Book* (annual, beginning 1992); and for 2001 to 2007 <<http://www.irs.ustreas.gov/taxstats/article/0,,id=102174,00.html>> accessed March 14, 2008; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 9.02-- FEDERAL TAX COLLECTIONS, BY SOURCE: 2003 to 2007

[In thousands of dollars. For fiscal year ending September 30. Receipts shown for the State of Hawaii does not necessarily indicate the Federal tax burden, since, in many instances, taxes are collected in one state from residents of, or operations in, another. Also, taxes of corporations may be paid from the principal office, although the operations of these corporations may be located in one or more state(s). Collections are gross, i.e. not net of refunds. Collections relate to the given fiscal year for the most part. However, in a given fiscal year, refunds may be issued for a tax paid in a prior year, and therefore, the total refund may exceed the collection amount]

| Source | 2003 | 2004 | 2005 1/ | 2006 1/ | 2007 1/ |
|-----------------------------------|-----------|-----------|-----------|-----------|-----------|
| Federal collections | 5,262,429 | 8,394,777 | 6,680,481 | 7,122,326 | 7,666,494 |
| Corporate income | 381,241 | 460,777 | 582,688 | 655,818 | 677,846 |
| Individual income and employment | 4,715,641 | 7,746,147 | 5,837,659 | 6,184,056 | 6,761,439 |
| Income tax not withheld & SECA 2/ | 1,071,230 | 1,227,918 | 1,479,138 | 1,820,109 | 1,878,985 |
| Income tax withheld & FICA 3/ | 3,624,828 | 6,497,866 | 4,335,866 | 4,341,029 | 4,858,699 |
| Railroad retirement | - | - | - | - | (4/) |
| Unemployment insurance | 19,583 | 20,363 | 22,655 | 22,918 | 23,755 |
| Estate | 62,306 | 77,875 | 89,479 | 93,711 | 93,328 |
| Gift | 5,758 | 2,853 | 3,998 | 3,604 | 2,997 |
| Excise 5/ | 97,482 | 107,125 | 166,658 | 185,136 | 130,884 |

1/ Through an improved location methodology, entities are now more accurately distributed by State. Beginning with FY 2005, the ZIP Code on the tax return is used to classify returns by State. In prior years, the location of the IRS District Office associated with the taxpayer's account was used to determine State distribution.

2/ SECA Self-Employment Insurance Contributions Act, includes old-age, survivors, disability, and hospital insurance taxes on self-employment income. Also includes estate and trust income tax collections.

3/ FICA Federal Insurance Contributions Act, includes old-age, survivors, disability, and hospital insurance taxes on wages and salaries.

4/ Less than \$500.

5/ Excludes excise taxes collected by the Customs Service and the Alcohol and Tobacco Tax and Trade Bureau.

Source: U.S. Department of the Treasury, Internal Revenue Service, *IRS Data Book* (annual), <<http://www.irs.gov/taxstats/article/0,,id=102174,00.html>> accessed March 14, 2008.

**Table 9.03-- STATE AND COUNTY TAX COLLECTIONS, BY SOURCE:
1998 TO 2003**

[Data rounded to thousands of dollars. For fiscal year ending June 30. Data not compiled for 1999 or 2001]

| Source | 1998 | 2000 | 2002 | 2003 |
|--|-----------|-----------|-----------|-----------|
| Total State and county tax collections | 4,057,454 | 4,246,426 | 4,370,383 | 4,574,202 |
| State collections | 3,324,827 | 3,496,500 | 3,564,850 | 3,723,126 |
| General excise and use | 1,425,904 | 1,536,838 | 1,612,920 | 1,793,306 |
| Transient accommodations | 127,081 | 168,577 | 157,644 | 170,874 |
| Fuel | 134,017 | 132,940 | 142,900 | 147,117 |
| Liquor | 38,894 | 39,000 | 39,091 | 41,186 |
| Tobacco | 36,098 | 42,341 | 65,547 | 72,297 |
| Insurance | 59,443 | 68,659 | 67,941 | 73,240 |
| Public service companies | 120,326 | 119,505 | 93,406 | 114,115 |
| Banks and other financial institutions | 15,546 | 7,057 | 7,164 | 22,341 |
| Corporate income 1/ | 46,209 | 68,215 | 45,477 | 8,262 |
| Indiv. income, net income 2/ | 1,083,651 | 1,064,556 | 1,071,591 | 1,038,107 |
| Inheritance and estate | 19,645 | 22,784 | 67,941 | 15,524 |
| Conveyance | 6,926 | 9,529 | 9,820 | 11,130 |
| Environmental response (FY94) | 1,969 | 1,714 | 1,784 | 1,562 |
| Rental vehicle surcharge | 22,838 | 34,587 | 36,054 | 39,472 |
| Hospital and nursing home 3/ | 3,414 | 25 | - | - |
| Licenses, permits, and others | 27,804 | 30,223 | 33,665 | 38,600 |
| Unemployment compensation | 155,062 | 149,951 | 111,908 | 135,991 |
| County collections | 732,627 | 749,926 | 805,533 | 851,076 |
| Real property | 598,632 | 602,625 | 609,822 | 643,235 |
| Liquor licenses and fees | 5,030 | 5,234 | 5,231 | 5,885 |
| Utility franchise | 30,703 | 29,014 | 36,233 | 34,612 |
| Public service company | (NA) | (NA) | 37,036 | 37,406 |
| Motor vehicle weight 4/ | 69,861 | 74,669 | 77,981 | 85,231 |
| Licenses, permits, and others | 28,400 | 38,382 | 39,231 | 44,707 |

1/ Includes payments of estimated taxes less refunds.

2/ Includes withheld and estimated taxes less refunds.

3/ Hospital tax repealed in 1994.

4/ Includes State motor vehicle weight tax.

Source: Tax Foundation of Hawaii, *Government in Hawaii*, table 13 (annual) and Tax Foundation of Hawaii unpublished compilations of Hawaii State Department of Accounting and General Services, *Annual Report of the Comptroller* (annual) and of the Finance Directors' Annual Reports of the City & County of Honolulu, and the counties of Hawaii, Kauai and Maui (various reports).

Table 9.04-- STATE GOVERNMENT TAX COLLECTIONS FOR THE UNITED STATES AND HAWAII: 2007

[For fiscal year ending June 30 except for New York (March 31), Texas (August 31), Alabama and Michigan (September 30). Taxes are net of refunds. Amounts in thousands of dollars and per capita in dollars]

| Item | United States | | Hawaii | |
|----------------------------------|---------------|---------------|-----------|---------------|
| | Amount | Per capita 1/ | Amount | Per capita 1/ |
| Total taxes | 750,282,072 | 2,487.50 | 5,093,842 | 3,969.06 |
| Property taxes | 12,157,348 | 40.31 | (X) | (X) |
| Sales and gross receipts | 345,827,843 | 1,146.56 | 3,227,965 | 2,515.19 |
| General sales and gross receipts | 236,333,048 | 783.54 | 2,557,644 | 1,992.88 |
| Selective sales taxes | 109,494,795 | 363.02 | 670,321 | 522.31 |
| Alcoholic beverages | 5,156,536 | 17.10 | 46,034 | 35.87 |
| Amusements | 5,929,715 | 19.66 | (X) | (X) |
| Insurance premiums | 15,345,345 | 50.88 | 99,079 | 77.20 |
| Motor fuels | 36,523,953 | 121.09 | 89,729 | 69.92 |
| Pari-mutuels | 294,424 | 0.98 | (X) | (X) |
| Public utilities | 10,986,363 | 36.42 | 124,017 | 96.63 |
| Tobacco products | 15,262,111 | 50.60 | 85,779 | 66.84 |
| Other selective sales | 19,996,348 | 66.30 | 225,683 | 175.85 |
| Licenses | 46,882,661 | 155.44 | 156,238 | 121.74 |
| Alcoholic beverages | 441,698 | 1.46 | (X) | (X) |
| Amusements | 609,963 | 2.02 | (X) | (X) |
| Corporation | 8,307,892 | 27.54 | 1,478 | 1.15 |
| Hunting and fishing | 1,413,091 | 4.68 | 440 | 0.34 |
| Motor vehicle | 19,359,362 | 64.18 | 108,314 | 84.40 |
| Motor vehicle operators | 2,131,455 | 7.07 | 446 | 0.35 |
| Public utility | 480,573 | 1.59 | 14,580 | 11.36 |
| Occupation and business, NEC | 13,389,702 | 44.39 | 29,519 | 23.00 |
| Other licenses | 748,925 | 2.48 | 1,461 | 1.14 |
| Income taxes | 319,286,060 | 1,058.57 | 1,661,153 | 1,294.35 |
| Individual income | 265,907,186 | 881.59 | 1,560,306 | 1,215.77 |
| Corporation net income | 53,378,874 | 176.97 | 100,847 | 78.58 |
| Other taxes | 26,128,160 | 86.63 | 48,486 | 37.78 |
| Death and gift | 4,901,473 | 16.25 | 162 | 0.13 |
| Documentary and stock transfer | 10,256,669 | 34.01 | 48,324 | 37.65 |
| Severance | 10,728,931 | 35.57 | (X) | (X) |
| Other | 241,087 | 0.80 | (X) | (X) |

X Not applicable.

1/ Based on July 1, 2007 population for the United States of 301,621,157 and for Hawaii 1,283,388. As released December 27, 2007 by the U.S. Census Bureau, Population Division, "Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2007" (NST-EST2007-01).

Source: U.S. Census Bureau, "State Government Tax Collections: 2007"

<<http://www.census.gov/govs/www/statetax07.html>> accessed March 6, 2008 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 9.05-- ESTIMATED STATE AND LOCAL TAXES PAID BY A FAMILY OF THREE OR FOUR, FOR HONOLULU AND THE MEDIAN AND AVERAGE OF 51 MAJOR CITIES: 2003 TO 2006

[For a family of four for 2002 to 2004 and family of three for 2005 and 2006. Largest city in each state, and the District of Columbia. For the listing of cities, see source]

| Gross family income level (dollars) | Honolulu | | | 51-city median | | 51-city average 1/ | |
|-------------------------------------|-----------------|-------------------|---------|-----------------|-------------------|--------------------|-------------------|
| | Taxes (dollars) | Percent of income | Rank 2/ | Taxes (dollars) | Percent of income | Taxes (dollars) | Percent of income |
| 2003 | | | | | | | |
| 25,000 | 1,687 | 6.7 | 30 | 1,740 | 7.0 | 1,816 | 7.3 |
| 50,000 | 3,832 | 7.7 | 31 | 4,070 | 8.1 | 4,172 | 8.3 |
| 75,000 | 6,393 | 8.5 | 32 | 6,805 | 9.1 | 6,832 | 9.1 |
| 100,000 | 8,720 | 8.7 | 32 | 9,391 | 9.4 | 9,203 | 9.2 |
| 150,000 | 13,458 | 9.0 | 31 | 14,011 | 9.3 | 13,859 | 9.2 |
| 2004 | | | | | | | |
| 25,000 | 1,728 | 6.9 | 30 | 1,798 | 7.2 | 1,787 | 7.1 |
| 50,000 | 3,941 | 7.9 | 29 | 4,073 | 8.1 | 4,161 | 8.3 |
| 75,000 | 6,566 | 8.8 | 32 | 6,908 | 9.2 | 6,884 | 9.2 |
| 100,000 | 8,911 | 8.9 | 32 | 9,449 | 9.4 | 9,254 | 9.3 |
| 150,000 | 13,700 | 9.1 | 32 | 14,219 | 9.5 | 13,903 | 9.3 |
| 2005 | | | | | | | |
| 25,000 | 3,069 | 12.3 | 14 | 2,788 | 11.2 | 2,792 | 11.2 |
| 50,000 | 2,177 | 4.4 | 51 | 4,235 | 8.5 | 4,379 | 8.8 |
| 75,000 | 4,224 | 5.6 | 47 | 6,861 | 9.1 | 6,614 | 8.8 |
| 100,000 | 6,267 | 6.3 | 44 | 8,684 | 8.7 | 8,518 | 8.5 |
| 150,000 | 10,583 | 7.1 | 38 | 13,143 | 8.8 | 12,479 | 8.3 |
| 2006 | | | | | | | |
| 25,000 | 3,094 | 12.4 | 12 | 2,794 | 11.2 | 2,775 | 11.1 |
| 50,000 | 2,919 | 5.8 | 47 | 4,214 | 8.4 | 4,364 | 8.7 |
| 75,000 | 5,305 | 7.1 | 42 | 6,841 | 9.1 | 6,649 | 8.9 |
| 100,000 | 7,524 | 7.5 | 40 | 8,868 | 8.9 | 8,517 | 8.5 |
| 150,000 | 12,258 | 8.2 | 31 | 13,103 | 8.7 | 12,578 | 8.4 |

1/ Based on cities actually levying tax.

2/ The lower the rank, the higher the percentage of income paid in taxes. For a breakdown of taxes, see source.

Source: Government of the District of Columbia, *Tax Rates and Tax Burdens In the District of Columbia - A Nationwide Comparison* (annual), table 1 <<http://cfo.dc.gov/cfo/cwp/view,a,1324,q,612643.asp>> accessed January 14, 2008.

**Table 9.06-- TAX FREEDOM DAY FOR THE UNITED STATES, EACH OF
THE 50 STATES AND THE DISTRICT OF COLUMBIA: 2008**

[Tax Freedom Day is used to illustrate the portion of the American budget that goes to pay taxes.
Leap Day is omitted. See source for details]

| Area | Tax Freedom Day | Rank 1/ | Days spent working to pay taxes |
|----------------|-----------------|-----------|---------------------------------|
| United States | April 23 | (X) | 113 |
| Alabama | April 9 | 46 | 99 |
| Alaska | March 29 | 50 | 88 |
| Arizona | April 20 | 20 | 110 |
| Arkansas | April 17 | 30 | 107 |
| California | April 30 | 4 | 120 |
| Colorado | April 23 | 15 | 113 |
| Connecticut | May 8 | 1 | 128 |
| Delaware | April 14 | 37 | 104 |
| Florida | April 26 | 9 | 116 |
| Georgia | April 19 | 23 | 109 |
| Hawaii | April 26 | 10 | 116 |
| Idaho | April 20 | 19 | 110 |
| Illinois | April 23 | 16 | 113 |
| Indiana | April 17 | 29 | 107 |
| Iowa | April 16 | 34 | 106 |
| Kansas | April 18 | 26 | 108 |
| Kentucky | April 10 | 45 | 100 |
| Louisiana | April 13 | 38 | 103 |
| Maine | April 20 | 22 | 110 |
| Maryland | April 28 | 7 | 118 |
| Massachusetts | April 28 | 6 | 118 |
| Michigan | April 16 | 31 | 106 |
| Minnesota | April 27 | 8 | 117 |
| Mississippi | April 7 | 49 | 97 |
| Missouri | April 14 | 36 | 104 |
| Montana | April 8 | 48 | 98 |
| Nebraska | April 19 | 25 | 109 |
| Nevada | April 26 | 11 | 116 |
| New Hampshire | April 15 | 35 | 105 |
| New Jersey | May 7 | 2 | 127 |
| New Mexico | April 12 | 42 | 102 |
| New York | May 5 | 3 | 125 |
| North Carolina | April 17 | 27 | 107 |
| North Dakota | April 12 | 39 | 102 |
| Ohio | April 17 | 28 | 107 |

Continued on next page.

Table 9.06-- TAX FREEDOM DAY FOR THE UNITED STATES, EACH OF THE 50 STATES AND THE DISTRICT OF COLUMBIA: 2008 -- Con.

| Area | Tax Freedom Day | Rank 1/ | Days spent working to pay taxes |
|----------------------|-----------------|---------|---------------------------------|
| Oklahoma | April 11 | 43 | 101 |
| Oregon | April 16 | 32 | 106 |
| Pennsylvania | April 21 | 18 | 111 |
| Rhode Island | April 24 | 13 | 114 |
| South Carolina | April 16 | 33 | 106 |
| South Dakota | April 12 | 41 | 102 |
| Tennessee | April 11 | 44 | 101 |
| Texas | April 12 | 40 | 102 |
| Utah | April 21 | 17 | 111 |
| Vermont | April 19 | 24 | 109 |
| Virginia | April 25 | 12 | 115 |
| Washington | April 29 | 5 | 119 |
| West Virginia | April 8 | 47 | 98 |
| Wisconsin | April 24 | 14 | 114 |
| Wyoming | April 20 | 21 | 110 |
| District of Columbia | May 3 | (X) | 123 |

X Not applicable.

1/ Rank is among the 50 states where 50 indicates the earliest Tax Freedom Day in the year 2008.

Source: Tax Foundation, Special Report No. 160, "America Celebrates Tax Freedom Day", table 2 (April 2008) <<http://www.taxfoundation.org/files/sr160.pdf>> accessed March 26, 2008.

**Table 9.07-- TAX FREEDOM DAY FOR THE UNITED STATES AND HAWAII:
1970 TO 2008**

[Tax Freedom Day is used to illustrate the portion of the American budget that goes to pay taxes.
Leap Day is omitted. See source for details]

| Year | United States | Hawaii | Hawaii rank 1/ |
|------|---------------|----------|----------------|
| 1970 | April 19 | April 24 | 8 |
| 1971 | April 16 | April 20 | 8 |
| 1972 | April 20 | April 24 | 11 |
| 1973 | April 20 | April 26 | 7 |
| 1974 | April 23 | April 27 | 9 |
| 1975 | April 17 | April 20 | 15 |
| 1976 | April 19 | April 22 | 14 |
| 1977 | April 20 | April 23 | 19 |
| 1978 | April 20 | April 25 | 11 |
| 1979 | April 21 | April 26 | 11 |
| 1980 | April 21 | April 26 | 11 |
| 1981 | April 24 | April 27 | 14 |
| 1982 | April 22 | April 22 | 23 |
| 1983 | April 18 | April 19 | 18 |
| 1984 | April 17 | April 17 | 22 |
| 1985 | April 18 | April 18 | 17 |
| 1986 | April 19 | April 21 | 14 |
| 1987 | April 22 | April 28 | 8 |
| 1988 | April 21 | April 30 | 5 |
| 1989 | April 22 | May 2 | 4 |
| 1990 | April 21 | May 3 | 3 |
| 1991 | April 21 | May 6 | 1 |
| 1992 | April 20 | April 29 | 7 |
| 1993 | April 21 | April 27 | 12 |
| 1994 | April 23 | April 27 | 12 |
| 1995 | April 24 | April 26 | 12 |
| 1996 | April 26 | April 28 | 13 |
| 1997 | April 28 | April 27 | 22 |
| 1998 | April 30 | April 28 | 24 |
| 1999 | May 1 | April 28 | 23 |
| 2000 | May 3 | May 1 | 21 |
| 2001 | April 30 | April 28 | 17 |
| 2002 | April 19 | April 22 | 11 |
| 2003 | April 16 | April 21 | 8 |
| 2004 | April 17 | April 20 | 12 |
| 2005 | April 23 | April 28 | 9 |
| 2006 | April 26 | April 30 | 9 |
| 2007 | April 26 | April 30 | 11 |
| 2008 | April 23 | April 26 | 10 |

1/ Rank is among the 50 states where 50 indicates the earliest Tax Freedom Day in each year.

Source: Tax Foundation, "Tax Freedom Day by State, 1970-2008" (March 26, 2008)

<<http://www.taxfoundation.org/taxdata/show/22328.html>> accessed March 26, 2008.

Table 9.08-- FEDERAL AND STATE-LOCAL TAX BURDEN FOR HAWAII AND THE UNITED STATES AVERAGE: 1970 TO 2007

[Total tax burden, or taxes expressed as a percentage of income, is used in the Tax Foundation's compilation of Tax Freedom Day. See Table 9.06. For discussion of comparability to U.S. Census Bureau data, see source. Detail may not add to total due to rounding]

| Year | Hawaii tax burden | | | | | | U. S. average tax burden | | |
|------|-------------------|---------|---------|---------|-------------|---------|--------------------------|---------|-------------|
| | Total | | Federal | | State-local | | Total | Federal | State-local |
| | Percent | Rank 1/ | Percent | Rank 1/ | Percent | Rank 1/ | Percent | | |
| 1970 | 29.7 | 27 | 19.0 | 41 | 10.7 | 12 | 29.9 | 19.9 | 10.0 |
| 1971 | 28.5 | 29 | 18.0 | 41 | 10.6 | 14 | 29.2 | 19.0 | 10.2 |
| 1972 | 29.4 | 30 | 18.8 | 46 | 10.6 | 15 | 30.3 | 19.8 | 10.6 |
| 1973 | 30.0 | 21 | 19.3 | 39 | 10.7 | 9 | 30.4 | 20.1 | 10.3 |
| 1974 | 29.9 | 34 | 19.2 | 46 | 10.7 | 9 | 31.0 | 20.7 | 10.3 |
| 1975 | 28.8 | 27 | 17.7 | 47 | 11.0 | 10 | 29.4 | 19.1 | 10.3 |
| 1976 | 29.7 | 27 | 18.7 | 41 | 11.1 | 11 | 30.1 | 19.7 | 10.4 |
| 1977 | 30.1 | 25 | 19.1 | 41 | 11.0 | 10 | 30.4 | 20.0 | 10.4 |
| 1978 | 31.0 | 17 | 19.8 | 34 | 11.2 | 8 | 30.4 | 20.4 | 9.9 |
| 1979 | 31.1 | 15 | 19.9 | 40 | 11.2 | 4 | 30.4 | 20.9 | 9.5 |
| 1980 | 30.4 | 27 | 19.4 | 48 | 11.0 | 4 | 30.7 | 21.2 | 9.5 |
| 1981 | 31.3 | 22 | 20.4 | 44 | 11.0 | 3 | 31.3 | 21.9 | 9.4 |
| 1982 | 30.9 | 19 | 19.5 | 45 | 11.3 | 4 | 30.7 | 20.9 | 9.8 |
| 1983 | 28.8 | 30 | 17.9 | 50 | 10.8 | 9 | 29.7 | 19.8 | 9.8 |
| 1984 | 28.5 | 32 | 17.8 | 49 | 10.7 | 9 | 29.4 | 19.6 | 9.8 |
| 1985 | 29.2 | 24 | 18.2 | 46 | 11.0 | 8 | 29.8 | 19.9 | 9.9 |
| 1986 | 30.0 | 18 | 18.6 | 37 | 11.4 | 5 | 29.9 | 19.9 | 10.1 |
| 1987 | 31.8 | 10 | 19.7 | 33 | 12.1 | 4 | 31.0 | 20.7 | 10.3 |
| 1988 | 32.2 | 7 | 19.8 | 31 | 12.4 | 2 | 30.7 | 20.5 | 10.3 |
| 1989 | 32.5 | 4 | 20.5 | 22 | 12.0 | 2 | 31.0 | 20.7 | 10.3 |
| 1990 | 32.7 | 3 | 20.7 | 12 | 12.1 | 2 | 30.8 | 20.5 | 10.3 |
| 1991 | 32.3 | 6 | 19.8 | 30 | 12.5 | 2 | 30.7 | 20.1 | 10.6 |
| 1992 | 31.1 | 13 | 18.8 | 41 | 12.3 | 4 | 30.5 | 19.8 | 10.6 |
| 1993 | 31.0 | 19 | 18.8 | 46 | 12.2 | 4 | 30.7 | 20.1 | 10.5 |
| 1994 | 31.2 | 16 | 19.0 | 47 | 12.3 | 4 | 31.2 | 20.6 | 10.6 |
| 1995 | 31.3 | 22 | 19.1 | 50 | 12.1 | 4 | 31.6 | 21.0 | 10.5 |
| 1996 | 32.0 | 19 | 19.5 | 48 | 12.4 | 3 | 32.0 | 21.5 | 10.5 |
| 1997 | 31.9 | 24 | 19.7 | 48 | 12.1 | 3 | 32.5 | 22.1 | 10.4 |
| 1998 | 32.4 | 22 | 20.2 | 47 | 12.2 | 3 | 33.2 | 22.7 | 10.5 |
| 1999 | 32.3 | 24 | 20.4 | 46 | 12.0 | 4 | 33.3 | 22.9 | 10.5 |
| 2000 | 33.3 | 19 | 21.1 | 44 | 12.2 | 3 | 34.0 | 23.5 | 10.5 |
| 2001 | 32.8 | 17 | 20.5 | 40 | 12.4 | 3 | 33.0 | 22.5 | 10.5 |
| 2002 | 30.4 | 15 | 18.5 | 36 | 11.9 | 3 | 30.3 | 19.9 | 10.3 |
| 2003 | 30.2 | 10 | 18.3 | 28 | 12.0 | 3 | 29.5 | 19.1 | 10.4 |
| 2004 | 30.2 | 14 | 18.0 | 30 | 12.2 | 4 | 29.7 | 19.1 | 10.6 |
| 2005 | 31.7 | 16 | 19.3 | 29 | 12.4 | 5 | 31.5 | 20.6 | 10.9 |
| 2006 | 32.4 | 17 | 20.2 | 27 | 12.2 | 5 | 32.3 | 21.5 | 10.8 |
| 2007 | 33.0 | 16 | 20.6 | 26 | 12.4 | 6 | 32.7 | 21.7 | 11.0 |

1/ Rank of 1 indicates the highest tax burden among the 50 states.

Source: Tax Foundation, "State and Local Tax Burdens by State, 1970-2007" (April 4, 2007)

<<http://www.taxfoundation.org/statelocal.html>> accessed April 16, 2007.

Table 9.09-- STATE BUSINESS TAX CLIMATE INDEX RANK, OVERALL AND BY COMPONENT: 2008

[Rank of 1 indicates the most favorable state's tax system for business. Rankings do not average across to total. States without a given tax rank equally as number 1 and states with identical scores rank equally. Studies for 2006 to 2008 are fiscal year while previous studies for 2003 and 2004 are calendar year. There was no 2005 study]

| State | Overall rank | Tax index rank | | | | |
|---------------|--------------|----------------|-------------------|-------|------------------------|----------|
| | | Corporate | Individual Income | Sales | Unemployment Insurance | Property |
| Alabama | 21 | 21 | 19 | 25 | 12 | 12 |
| Alaska | 4 | 26 | 1 | 5 | 47 | 22 |
| Arizona | 25 | 24 | 26 | 45 | 3 | 10 |
| Arkansas | 35 | 35 | 29 | 37 | 18 | 16 |
| California | 47 | 40 | 50 | 42 | 15 | 5 |
| Colorado | 13 | 15 | 13 | 11 | 20 | 15 |
| Connecticut | 38 | 17 | 18 | 30 | 19 | 50 |
| Delaware | 9 | 48 | 32 | 2 | 7 | 7 |
| Florida | 5 | 14 | 1 | 19 | 2 | 18 |
| Georgia | 20 | 6 | 24 | 16 | 22 | 33 |
| Hawaii | 22 | 9 | 43 | 17 | 23 | 4 |
| Idaho | 31 | 19 | 34 | 34 | 44 | 2 |
| Illinois | 28 | 29 | 12 | 32 | 42 | 40 |
| Indiana | 12 | 22 | 10 | 12 | 10 | 17 |
| Iowa | 45 | 45 | 45 | 20 | 37 | 31 |
| Kansas | 33 | 38 | 25 | 24 | 9 | 38 |
| Kentucky | 36 | 39 | 31 | 10 | 48 | 20 |
| Louisiana | 32 | 18 | 28 | 47 | 8 | 21 |
| Maine | 41 | 43 | 38 | 13 | 40 | 41 |
| Maryland | 24 | 7 | 37 | 7 | 30 | 39 |
| Massachusetts | 34 | 46 | 15 | 8 | 49 | 45 |
| Michigan | 29 | 49 | 14 | 14 | 45 | 25 |
| Minnesota | 42 | 44 | 39 | 40 | 39 | 19 |
| Mississippi | 18 | 8 | 16 | 35 | 5 | 32 |
| Missouri | 15 | 10 | 23 | 22 | 4 | 9 |
| Montana | 6 | 16 | 20 | 3 | 21 | 8 |
| Nebraska | 43 | 33 | 33 | 46 | 17 | 42 |
| Nevada | 3 | 1 | 1 | 43 | 41 | 13 |
| New Hampshire | 7 | 50 | 9 | 1 | 38 | 36 |
| New Jersey | 49 | 41 | 49 | 44 | 24 | 49 |
| New Mexico | 23 | 36 | 17 | 41 | 13 | 1 |
| New York | 48 | 23 | 41 | 49 | 46 | 43 |

Continued on next page.

**Table 9.09-- STATE BUSINESS TAX CLIMATE INDEX RANK, OVERALL
AND BY COMPONENT: 2008-- Con.**

| State | Overall rank | Tax index rank | | | | |
|----------------|--------------|----------------|-------------------|-------|------------------------|----------|
| | | Corporate | Individual Income | Sales | Unemployment Insurance | Property |
| North Carolina | 40 | 25 | 44 | 39 | 6 | 34 |
| North Dakota | 30 | 27 | 36 | 29 | 26 | 6 |
| Ohio | 46 | 37 | 48 | 36 | 11 | 44 |
| Oklahoma | 19 | 13 | 22 | 31 | 1 | 24 |
| Oregon | 10 | 20 | 35 | 4 | 32 | 14 |
| Pennsylvania | 27 | 42 | 11 | 26 | 25 | 47 |
| Rhode Island | 50 | 34 | 47 | 33 | 50 | 48 |
| South Carolina | 26 | 11 | 27 | 18 | 43 | 29 |
| South Dakota | 2 | 1 | 1 | 38 | 33 | 11 |
| Tennessee | 16 | 12 | 8 | 48 | 31 | 35 |
| Texas | 8 | 47 | 7 | 28 | 14 | 27 |
| Utah | 17 | 5 | 30 | 27 | 28 | 3 |
| Vermont | 44 | 32 | 46 | 15 | 16 | 46 |
| Virginia | 14 | 4 | 21 | 6 | 29 | 23 |
| Washington | 11 | 31 | 1 | 50 | 36 | 28 |
| West Virginia | 37 | 28 | 40 | 21 | 35 | 26 |
| Wisconsin | 39 | 30 | 42 | 23 | 27 | 37 |
| Wyoming | 1 | 1 | 1 | 9 | 34 | 30 |

Source: Tax Foundation, Background Paper No. 57, *2008 State Business Tax Climate Index* (October 2007) table 2 <<http://www.taxfoundation.org/files/bp57.pdf>> accessed October 18, 2007.

Table 9.10-- STATE BUSINESS TAX CLIMATE SCORE AND INDEX: 2003 TO 2008

[2003 and 2004 are calendar year and 2006 to 2008 are fiscal year (July 1 - June 30). No report was issued for 2005. The higher the score, the lower the rank, and therefore, the more favorable the state's tax system is for business. See source for details. Rank is among the 50 states. Data for 2003 to 2007 have been revised]

| Location | 2003 | | 2004 | | 2006 | | 2007 | | 2008 | |
|----------------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|
| | Total score | Index rank |
| United States | 5.00 | (X) |
| Alabama | 5.42 | 17 | 5.46 | 19 | 5.50 | 18 | 5.37 | 21 | 5.37 | 21 |
| Alaska | 7.39 | 4 | 7.31 | 3 | 7.30 | 4 | 7.21 | 4 | 7.19 | 4 |
| Arizona | 4.88 | 34 | 5.05 | 31 | 5.10 | 31 | 5.11 | 30 | 5.19 | 25 |
| Arkansas | 5.02 | 33 | 4.87 | 35 | 4.86 | 36 | 4.90 | 35 | 4.94 | 35 |
| California | 4.63 | 44 | 4.74 | 39 | 4.19 | 46 | 4.14 | 46 | 4.12 | 47 |
| Colorado | 5.95 | 11 | 5.85 | 12 | 5.85 | 12 | 5.82 | 13 | 5.89 | 13 |
| Connecticut | 4.76 | 40 | 4.70 | 41 | 4.66 | 41 | 4.77 | 39 | 4.89 | 38 |
| Delaware | 6.03 | 10 | 6.07 | 8 | 6.09 | 9 | 6.09 | 9 | 6.03 | 9 |
| District of Columbia | 4.43 | (X) | 4.42 | (X) | 4.43 | (X) | 4.47 | (X) | 4.49 | (X) |
| Florida | 6.84 | 5 | 6.85 | 5 | 6.86 | 5 | 6.83 | 5 | 7.03 | 5 |
| Georgia | 5.32 | 24 | 5.37 | 22 | 5.36 | 21 | 5.35 | 22 | 5.38 | 20 |
| Hawaii | 5.35 | 23 | 5.39 | 21 | 5.34 | 23 | 5.33 | 23 | 5.33 | 22 |
| Idaho | 5.04 | 31 | 5.16 | 29 | 5.25 | 25 | 5.21 | 26 | 5.06 | 31 |
| Illinois | 5.41 | 19 | 5.26 | 25 | 5.16 | 29 | 5.14 | 27 | 5.14 | 28 |
| Indiana | 6.15 | 8 | 6.02 | 10 | 5.86 | 11 | 5.88 | 11 | 5.93 | 12 |
| Iowa | 4.59 | 45 | 4.62 | 43 | 4.60 | 43 | 4.53 | 44 | 4.54 | 45 |
| Kansas | 5.07 | 29 | 5.01 | 32 | 4.98 | 33 | 5.01 | 32 | 4.97 | 33 |
| Kentucky | 5.04 | 32 | 5.16 | 30 | 4.75 | 38 | 4.81 | 38 | 4.94 | 36 |
| Louisiana | 4.78 | 38 | 4.84 | 36 | 5.01 | 32 | 5.00 | 33 | 5.02 | 32 |
| Maine | 4.87 | 35 | 4.78 | 38 | 4.72 | 39 | 4.70 | 40 | 4.69 | 41 |
| Maryland | 5.35 | 22 | 5.27 | 24 | 5.24 | 26 | 5.12 | 28 | 5.25 | 24 |
| Massachusetts | 5.12 | 26 | 4.91 | 34 | 4.84 | 37 | 4.84 | 37 | 4.96 | 34 |
| Michigan | 5.12 | 27 | 5.16 | 28 | 5.14 | 30 | 5.12 | 29 | 5.13 | 29 |
| Minnesota | 4.59 | 46 | 4.65 | 42 | 4.66 | 42 | 4.63 | 42 | 4.60 | 42 |

Continued on next page.

Table 9.10-- STATE BUSINESS TAX CLIMATE SCORE AND INDEX: 2003 TO 2008 -- Con.

| Location | 2003 | | 2004 | | 2006 | | 2007 | | 2008 | |
|----------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|
| | Total score | Index rank |
| Mississippi | 5.37 | 21 | 5.46 | 18 | 5.49 | 19 | 5.48 | 18 | 5.44 | 18 |
| Missouri | 5.42 | 18 | 5.55 | 16 | 5.55 | 16 | 5.54 | 16 | 5.58 | 15 |
| Montana | 5.81 | 13 | 5.81 | 13 | 6.31 | 8 | 6.32 | 7 | 6.34 | 6 |
| Nebraska | 4.68 | 42 | 4.54 | 45 | 4.53 | 45 | 4.45 | 45 | 4.56 | 43 |
| Nevada | 7.39 | 3 | 7.22 | 4 | 7.31 | 3 | 7.31 | 3 | 7.35 | 3 |
| New Hampshire | 6.16 | 7 | 6.22 | 7 | 6.34 | 7 | 6.19 | 8 | 6.24 | 7 |
| New Jersey | 4.28 | 48 | 4.21 | 47 | 3.78 | 48 | 4.10 | 47 | 3.88 | 49 |
| New Mexico | 5.07 | 30 | 5.26 | 26 | 5.35 | 22 | 5.38 | 20 | 5.28 | 23 |
| New York | 3.34 | 50 | 3.34 | 50 | 3.74 | 49 | 4.08 | 48 | 4.11 | 48 |
| North Carolina | 4.63 | 43 | 4.61 | 44 | 4.69 | 40 | 4.70 | 41 | 4.73 | 40 |
| North Dakota | 4.77 | 39 | 4.80 | 37 | 5.16 | 28 | 5.11 | 31 | 5.08 | 30 |
| Ohio | 4.29 | 47 | 4.07 | 48 | 3.92 | 47 | 3.93 | 49 | 4.14 | 46 |
| Oklahoma | 5.39 | 20 | 5.40 | 20 | 5.37 | 20 | 5.42 | 19 | 5.42 | 19 |
| Oregon | 6.12 | 9 | 6.04 | 9 | 5.98 | 10 | 6.01 | 10 | 5.98 | 10 |
| Pennsylvania | 5.11 | 28 | 5.20 | 27 | 5.21 | 27 | 5.22 | 25 | 5.15 | 27 |
| Rhode Island | 3.57 | 49 | 3.54 | 49 | 3.70 | 50 | 3.67 | 50 | 3.78 | 50 |
| South Carolina | 5.31 | 25 | 5.29 | 23 | 5.27 | 24 | 5.26 | 24 | 5.18 | 26 |
| South Dakota | 7.41 | 2 | 7.50 | 2 | 7.50 | 2 | 7.51 | 2 | 7.46 | 2 |
| Tennessee | 5.57 | 15 | 5.54 | 17 | 5.60 | 15 | 5.51 | 17 | 5.53 | 16 |
| Texas | 6.40 | 6 | 6.40 | 6 | 6.41 | 6 | 6.42 | 6 | 6.23 | 8 |
| Utah | 5.54 | 16 | 5.63 | 14 | 5.61 | 14 | 5.54 | 15 | 5.44 | 17 |
| Vermont | 4.75 | 41 | 4.49 | 46 | 4.56 | 44 | 4.54 | 43 | 4.54 | 44 |
| Virginia | 5.74 | 14 | 5.58 | 15 | 5.50 | 17 | 5.59 | 14 | 5.69 | 14 |
| Washington | 5.94 | 12 | 5.98 | 11 | 5.83 | 13 | 5.83 | 12 | 5.95 | 11 |
| West Virginia | 4.84 | 36 | 4.93 | 33 | 4.98 | 34 | 4.98 | 34 | 4.90 | 37 |
| Wisconsin | 4.79 | 37 | 4.73 | 40 | 4.88 | 35 | 4.85 | 36 | 4.77 | 39 |
| Wyoming | 7.79 | 1 | 7.76 | 1 | 7.75 | 1 | 7.77 | 1 | 7.71 | 1 |

X Not applicable.

Source: Tax Foundation, Background Paper No. 57, "2008 State Business Tax Climate Index" (October 2007), table 1
 <<http://www.taxfoundation.org/files/bp57.pdf>> accessed October 18, 2007.

Table 9.11-- ESTIMATED TAX BURDEN FOR THE FOUR-PERSON ALOHA FAMILY ON OAHU: 1970, 1988, 1999 AND 2006

[In dollars and percent. For 1970 and 1988, based on a gross family income equivalent to four times the per capita personal income estimated for Hawaii. For 1999, salary income is estimated at \$81,000 for Alfie (a full- and a part-time jobs) and Anita (a full-time job) plus \$1,840 other family income from rental of a condominium unit, dividends from stocks, and interest on bank certificates of deposit. For 2006, salary income is estimated at \$100,100 for Alfie and Anita, net rental income of -\$3,720, and \$4,220 interest income and dividends. Other assumptions are the same as in 1999. For other underlying assumptions, see sources]

| Subject | 1970 (dollars) | 1988 (dollars) | 1999 (dollars) | 2006 (dollars) | 2006 as percent of total | |
|---------------------|-------------------|-------------------|-------------------|-------------------|-----------------------------|---------------------------|
| | | | | | Tax burden | Gross family income |
| Total tax burden | 5,559 | 25,610 | 31,107 | 42,788 | 100.0 | 38.7 |
| Federal income | 2,130 | 8,096 | 6,623 | 6,934 | 16.2 | 6.3 |
| State income | 693 | 3,693 | 3,477 | 4,560 | 10.7 | 4.1 |
| Social security 1/ | 1,247 | 7,758 | 12,394 | 16,845 | 39.4 | 15.2 |
| General excise | 304 | 1,207 | 3,580 | 6,041 | 14.1 | 5.5 |
| Real property | 366 | 1,006 | 1,099 | 1,650 | 3.9 | 1.5 |
| Employment 2/ | 527 | 3,301 | 3,112 | 5,710 | 13.3 | 5.2 |
| Specific excise 3/ | 67 | 161 | 200 | 280 | 0.7 | 0.3 |
| Automobile | 225 | 388 | 622 | 768 | 1.8 | 0.7 |
| Direct tax bill | 4,342 | 18,432 | 19,288 | 26,360 | 61.6 | 23.8 |
| Indirect tax bill | 1,217 | 7,178 | 11,819 | 16,429 | 38.4 | 14.9 |
| Gross family income | 16,408 | 62,716 | 82,840 | 110,600 | (X) | 100.0 |
| After taxes | 10,898 | 37,106 | 51,733 | 67,812 | (X) | 61.3 |

X Not applicable.

1/ The sum of the amount the Alohas paid for retirement benefits and Medicare and the equal amount paid by their employers on their behalf.

2/ Unemployment compensation, temporary disability insurance, and workers' compensation.

3/ Alcohol, tobacco, telephone and cell.

Source: Hawaii State Department of Business, Economic Development & Tourism, records; and Tax Foundation of Hawaii, "The Tax Burden of the Arnie Aloha Family" (November 1989) and "The Tax Burden of the Aloha Family" (June 2001).

Table 9.12-- HAWAII STATE GOVERNMENT FINANCES: 2003 TO 2006

[Thousands of dollars. For fiscal year ending June 30]

| Category | 2003 | 2004 | 2005 | 2006 |
|-----------------------------------|-------------|-------------|-------------|-------------|
| Total revenue | 6,808,157 | 8,229,259 | 9,091,681 | 9,856,552 |
| General revenue | 6,377,451 | 6,675,478 | 7,864,376 | 8,551,896 |
| Intergovernmental revenue | 1,537,997 | 1,639,868 | 1,785,979 | 1,834,393 |
| Taxes | 3,569,824 | 3,849,135 | 4,434,356 | 4,918,655 |
| General sales | 1,792,698 | 1,900,377 | 2,136,604 | 2,355,316 |
| Selective sales | 556,897 | 569,922 | 612,009 | 656,287 |
| License taxes | 124,430 | 123,257 | 143,109 | 147,620 |
| Individual income | 1,037,854 | 1,169,205 | 1,381,481 | 1,550,757 |
| Corporate income | 30,603 | 58,119 | 124,125 | 148,084 |
| Other taxes | 27,342 | 28,255 | 37,028 | 60,591 |
| Current charges | 865,199 | 882,232 | 1,026,696 | 1,142,090 |
| Miscellaneous general revenue | 404,431 | 304,243 | 617,345 | 656,758 |
| Insurance trust revenue | 430,706 | 1,553,781 | 1,227,305 | 1,304,656 |
| Total expenditure | 7,611,286 | 7,856,134 | 8,405,444 | 8,913,697 |
| General expenditure, by function: | 6,851,905 | 7,080,971 | 7,619,876 | 8,090,272 |
| Education | 2,331,771 | 2,487,630 | 2,648,452 | 2,912,611 |
| Public welfare | 1,216,609 | 1,346,566 | 1,414,573 | 1,427,223 |
| Hospitals | 214,517 | 244,076 | 377,934 | 407,814 |
| Health | 448,818 | 416,241 | 444,873 | 498,417 |
| Highways | 259,303 | 214,046 | 277,887 | 268,231 |
| Police protection | 10,349 | 13,779 | 15,023 | 14,612 |
| Correction | 135,034 | 158,029 | 170,434 | 179,322 |
| Natural resources | 109,274 | 109,514 | 114,099 | 119,243 |
| Parks and recreation | 54,643 | 57,703 | 66,079 | 72,635 |
| Government administration | 471,175 | 442,979 | 393,364 | 388,532 |
| Interest on general debt | 353,448 | 356,337 | 399,345 | 432,173 |
| Other and unallocable | 1,246,964 | 1,234,071 | 1,297,813 | 1,369,459 |
| Insurance trust expenditure | 759,381 | 775,163 | 785,568 | 823,425 |
| Exhibit: General expenditure | 6,851,905 | 7,080,971 | 7,619,876 | 8,090,272 |
| Intergovernmental expenditure | 125,434 | 134,452 | 147,201 | 157,863 |
| Direct expenditure | 6,726,471 | 6,946,519 | 7,472,675 | 7,932,409 |
| Debt at end of fiscal year | 5,652,531 | 5,746,194 | 5,844,308 | 5,791,783 |
| Cash and security holdings | 13,311,649 | 13,195,390 | 14,439,572 | 18,319,082 |

Source: U.S. Census Bureau, Governments Division, State Government Finances (annual);
<http://www.census.gov/govs/www/state.html> accessed February 7, 2008.

**Table 9.13-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES,
BY LEVEL OF GOVERNMENT: 2006**

[In thousands of dollars. For fiscal year ending June 30. Detail may not sum to subtotals due to rounding and categories not shown separately]

| Category | State & local 1/ | State | Local 1/ |
|---|------------------|-----------|-----------|
| Revenue 1/ | 11,998,548 | 9,856,552 | 2,378,623 |
| General revenue 1/ | 10,467,477 | 8,551,896 | 2,152,208 |
| Intergovernmental revenue 1/ | 2,010,017 | 1,834,393 | 412,251 |
| General revenue from own sources | 8,457,460 | 6,717,503 | 1,739,957 |
| Taxes | 6,199,404 | 4,918,655 | 1,280,749 |
| Property | 982,653 | - | 982,653 |
| Sales and gross receipts | 3,168,154 | 3,011,603 | 156,551 |
| Individual income | 1,550,757 | 1,550,757 | - |
| Corporate income | 148,084 | 148,084 | - |
| Motor vehicle license | 210,433 | 108,030 | 102,403 |
| Other taxes | 139,323 | 100,181 | 39,142 |
| Charges & misc. general revenue | 2,258,056 | 1,798,848 | 459,208 |
| Current charges 2/ | 1,497,139 | 1,142,090 | 355,049 |
| Education | 262,356 | 262,356 | - |
| Hospitals | 414,270 | 414,270 | - |
| Air transportation (airports) | 254,869 | 254,869 | - |
| Sewerage | 185,825 | - | 185,825 |
| Miscellaneous general revenue | 760,917 | 656,758 | 104,159 |
| Utility revenue | 226,415 | - | 226,415 |
| Insurance trust revenue | 1,304,656 | 1,304,656 | - |
| Expenditure 1/ | 11,018,210 | 8,913,697 | 2,258,163 |
| Intergovernmental expenditure 1/ | 4,213 | 157,863 | - |
| Direct expenditure by function | 11,013,997 | 8,755,834 | 2,258,163 |
| Direct general expenditure | 9,845,658 | 7,932,409 | 1,913,249 |
| Capital outlay | 865,712 | 518,424 | 347,288 |
| Other direct general expenditure | 9,017,711 | 7,413,985 | 1,603,726 |
| Education services 3/ | 2,944,150 | 2,944,120 | 30 |
| Education | 2,912,611 | 2,912,611 | - |
| Libraries | 31,539 | 31,509 | 30 |
| Social services & income maintenance 3/ | 2,425,698 | 2,361,004 | 64,694 |
| Public welfare | 1,444,426 | 1,423,010 | 21,416 |
| Hospitals | 407,814 | 407,814 | - |
| Health | 517,047 | 473,769 | 43,278 |
| Employment security administration | 54,868 | 54,868 | - |
| Veterans' services | 1,543 | 1,543 | - |
| Transportation 3/ | 674,109 | 496,660 | 177,449 |
| Highways | 445,164 | 268,231 | 176,933 |
| Air transportation (airports) | 188,687 | 188,687 | - |

Continued on next page.

**Table 9.13-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES,
BY LEVEL OF GOVERNMENT: 2006 -- Con.**

| Category | State & local 1/ | State | Local 1/ |
|--|------------------|------------|-----------|
| Public safety 3/ | 632,651 | 221,394 | 411,257 |
| Police protection | 278,684 | 11,289 | 267,395 |
| Fire protection | 136,925 | - | 136,925 |
| Correction | 179,322 | 179,322 | - |
| Protective inspection and regulation | 37,720 | 30,783 | 6,937 |
| Environment and housing 3/ | 909,956 | 284,645 | 625,311 |
| Natural resources | 122,566 | 118,802 | 3,764 |
| Parks and recreation | 228,904 | 72,007 | 156,897 |
| Housing and community development | 173,331 | 92,699 | 80,632 |
| Sewerage | 201,264 | 950 | 200,314 |
| Solid waste management | 183,891 | 187 | 183,704 |
| Governmental administration 3/ | 597,517 | 385,460 | 212,057 |
| Interest on general debt | 554,995 | 432,173 | 122,822 |
| General expend., not elsewhere classified 3/ | 1,106,582 | 806,953 | 299,629 |
| Utility expenditure 3/ | 344,914 | - | 344,914 |
| Water supply | 197,209 | - | 197,209 |
| Transit | 147,705 | - | 147,705 |
| Insurance trust expenditure | 823,425 | 823,425 | - |
| Debt outstanding | 9,503,975 | 5,791,783 | 3,712,192 |
| Short-term | 64,600 | - | 64,600 |
| Long-term | 9,439,375 | 5,791,783 | 3,647,592 |
| Long-term debt by purpose | 9,242,339 | 9,242,340 | 9,242,341 |
| Public debt for private purposes | 438,188 | 438,188 | 0 |
| Addendum: Long-term debt issued | 979,479 | 350,119 | 629,360 |
| Addendum: Long-term debt retired | 813,309 | 402,644 | 410,665 |
| Cash and security holdings | 19,830,609 | 18,319,082 | 1,511,527 |
| Insurance trust funds | 13,195,464 | 13,195,464 | - |
| Unemployment compensation | 492,290 | 492,290 | - |
| Employee retirement | 12,681,533 | 12,681,533 | - |
| Other than insurance trust funds | 6,635,145 | 5,123,618 | 1,511,527 |

1/ Duplicative intergovernmental transactions are excluded.

2/ Charges include highways, parking facilities, sea and inland port facilities, natural resources, parks and recreation, housing and community development, solid waste management, and other charges.

3/ Includes capital outlay.

Source: U.S. Census Bureau, Governments Division, "Table 1. State and Local Government Finances by Level of Government and by State: 2005-06" <<http://ftp2.census.gov/govs/estimate/06slsstab1a.xls>> accessed May 21, 2008.

**Table 9.14-- HAWAII STATE GOVERNMENT FINANCES, TOTAL AND
PER CAPITA: 2006**

[Amount in thousands of dollars, per capita in dollars. For fiscal year ending June 30]

| Category | Amount | Percent distribution | Per capita 1/ |
|-----------------------------------|---------------|-----------------------------|----------------------|
| Total revenue | 9,856,552 | 100.00 | 7,708.65 |
| General revenue | 8,551,896 | 86.76 | 6,688.30 |
| Intergovernmental revenue | 1,834,393 | 18.61 | 1,434.65 |
| Taxes | 4,918,655 | 49.90 | 3,846.80 |
| General sales | 2,355,316 | 23.90 | 1,842.06 |
| Selective sales | 656,287 | 6.66 | 513.27 |
| License taxes | 147,620 | 1.50 | 115.45 |
| Individual income | 1,550,757 | 15.73 | 1,212.82 |
| Corporate income | 148,084 | 1.50 | 115.81 |
| Other taxes | 60,591 | 0.61 | 47.39 |
| Current charges | 1,142,090 | 11.59 | 893.21 |
| Miscellaneous general revenue | 656,758 | 6.66 | 513.64 |
| Insurance trust revenue | 1,304,656 | 13.24 | 1,020.35 |
| Total expenditure | 8,913,697 | 100.00 | 6,971.26 |
| General expenditure, by function: | 8,090,272 | 90.76 | 6,327.27 |
| Education | 2,912,611 | 32.68 | 2,277.91 |
| Public welfare | 1,427,223 | 16.01 | 1,116.21 |
| Hospitals | 407,814 | 4.58 | 318.94 |
| Health | 498,417 | 5.59 | 389.80 |
| Highways | 268,231 | 3.01 | 209.78 |
| Police protection | 14,612 | 0.16 | 11.43 |
| Correction | 179,322 | 2.01 | 140.24 |
| Natural resources | 119,243 | 1.34 | 93.26 |
| Parks and recreation | 72,635 | 0.81 | 56.81 |
| Government administration | 388,532 | 4.36 | 303.86 |
| Interest on general debt | 432,173 | 4.85 | 338.00 |
| Other and unallocable | 1,369,459 | 15.36 | 1,071.03 |
| Insurance trust expenditure | 823,425 | 9.24 | 643.99 |
| Exhibit: General expenditure | 8,090,272 | 100.00 | 6,327.27 |
| Intergovernment expenditure | 157,863 | 1.95 | 123.46 |
| Direct expenditure | 7,932,409 | 98.05 | 6,203.81 |
| Debt at end of fiscal year | 5,791,783 | 100.00 | 4,529.66 |
| Cash and security holdings | 18,319,082 | 100.00 | 14,327.06 |

1/ Based on July 1, 2006 population for Hawaii of 1,278,635. As released December 27, 2007 by the U.S. Census Bureau, Population Division, "Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2007" (NST-EST2007-01).

Source: U.S. Census Bureau, Governments Division, 2006 State Government Finances <<http://www.census.gov/govs/state/0612hist.html>> accessed February 7, 2008 and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.15-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES
TOTAL AND PER CAPITA: 2006**

[In thousands of dollars. For fiscal year ending June 30. Detail may not sum to subtotals
due to rounding and categories not shown separately]

| Category | Total 1/ | Percent distribution | Per capita 2/ |
|---|-----------------|---------------------------------|----------------------|
| Revenue 1/ | 11,998,548 | 100.00 | 9,383.87 |
| General revenue 1/ | 10,467,477 | 87.24 | 8,186.45 |
| Intergovernmental revenue 1/ | 2,010,017 | 16.75 | 1,572.00 |
| General revenue from own sources | 8,457,460 | 70.49 | 6,614.44 |
| Taxes | 6,199,404 | 51.67 | 4,848.45 |
| Property | 982,653 | 8.19 | 768.52 |
| Sales and gross receipts | 3,168,154 | 26.40 | 2,477.76 |
| Individual income | 1,550,757 | 12.92 | 1,212.82 |
| Corporate income | 148,084 | 1.23 | 115.81 |
| Motor vehicle license | 210,433 | 1.75 | 164.58 |
| Other taxes | 139,323 | 1.16 | 108.96 |
| Charges & misc. general revenue | 2,258,056 | 18.82 | 1,765.99 |
| Current charges 3/ | 1,497,139 | 12.48 | 1,170.89 |
| Education | 262,356 | 2.19 | 205.18 |
| Hospitals | 414,270 | 3.45 | 323.99 |
| Air transportation (airports) | 254,869 | 2.12 | 199.33 |
| Sewerage | 185,825 | 1.55 | 145.33 |
| Miscellaneous general revenue | 760,917 | 6.34 | 595.10 |
| Utility revenue | 226,415 | 1.89 | 177.08 |
| Insurance trust revenue | 1,304,656 | 10.87 | 1,020.35 |
| Expenditure 1/ | 11,018,210 | 100.00 | 8,617.17 |
| Intergovernmental expenditure 1/ | 4,213 | 0.04 | 3.29 |
| Direct expenditure by function | 11,013,997 | 99.96 | 8,613.87 |
| Direct general expenditure | 9,845,658 | 89.36 | 7,700.13 |
| Capital outlay | 865,712 | 7.86 | 677.06 |
| Other direct general expenditure | 9,017,711 | 81.84 | 7,052.61 |
| Education services 4/ | 2,944,150 | 26.72 | 2,302.57 |
| Education | 2,912,611 | 26.43 | 2,277.91 |
| Libraries | 31,539 | 0.29 | 24.67 |
| Social services & income maintenance 4/ | 2,425,698 | 22.02 | 1,897.10 |
| Public welfare | 1,444,426 | 13.11 | 1,129.66 |
| Hospitals | 407,814 | 3.70 | 318.94 |
| Health | 517,047 | 4.69 | 404.37 |
| Employment security administration | 54,868 | 0.50 | 42.91 |
| Veterans' services | 1,543 | 0.01 | 1.21 |
| Transportation 4/ | 674,109 | 6.12 | 527.21 |
| Highways | 445,164 | 4.04 | 348.16 |
| Air transportation (airports) | 188,687 | 1.71 | 147.57 |

Continued on next page.

**Table 9.15-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES
TOTAL AND PER CAPITA: 2006 -- Con.**

| Category | Total 1/ | Percent distribution | Per capita 2/ |
|--|------------|----------------------|---------------|
| Public safety 4/ | 632,651 | 5.74 | 494.79 |
| Police protection | 278,684 | 2.53 | 217.95 |
| Fire protection | 136,925 | 1.24 | 107.09 |
| Correction | 179,322 | 1.63 | 140.24 |
| Protective inspection and regulation | 37,720 | 0.34 | 29.50 |
| Environment and housing 4/ | 909,956 | 8.26 | 711.66 |
| Natural resources | 122,566 | 1.11 | 95.86 |
| Parks and recreation | 228,904 | 2.08 | 179.02 |
| Housing and community development | 173,331 | 1.57 | 135.56 |
| Sewerage | 201,264 | 1.83 | 157.41 |
| Solid waste management | 183,891 | 1.67 | 143.82 |
| Governmental administration 4/ | 597,517 | 5.42 | 467.31 |
| Interest on general debt | 554,995 | 5.04 | 434.05 |
| General expend., not elsewhere classified 3/ | 1,106,582 | 10.04 | 865.44 |
| Utility expenditure 4/ | 344,914 | 3.13 | 269.75 |
| Water supply | 197,209 | 1.79 | 154.23 |
| Transit | 147,705 | 1.34 | 115.52 |
| Insurance trust expenditure | 823,425 | 7.47 | 643.99 |
| Debt outstanding | 9,503,975 | 100.00 | 7,432.91 |
| Short-term | 64,600 | 0.68 | 50.52 |
| Long-term | 9,439,375 | 99.32 | 7,382.38 |
| | | 0.00 | |
| Long-term debt by purpose | 9,242,339 | 97.25 | 7,228.29 |
| Public debt for private purposes | 438,188 | 4.61 | 342.70 |
| Addendum: Long-term debt issued | 979,479 | 10.31 | 766.03 |
| Addendum: Long-term debt retired | 813,309 | 8.56 | 636.08 |
| Cash and security holdings | 19,830,609 | 100.00 | 15,509.20 |
| Insurance trust funds | 13,195,464 | 66.54 | 10,319.96 |
| Unemployment compensation | 492,290 | 2.48 | 385.01 |
| Employee retirement | 12,681,533 | 63.95 | 9,918.02 |
| Other than insurance trust funds | 6,635,145 | 33.46 | 5,189.24 |

1/ Duplicative intergovernmental transactions are excluded.

2/ Based on Hawaii population July 1, 2006 of 1,278,635.

3/ Charges include highways, parking facilities, sea and inland port facilities, natural resources, parks and recreation, housing and community development, solid waste management, and other charges.

4/ Includes capital outlay.

Source: U.S. Census Bureau, Governments Division, "Table 1. State and Local Government Finances by Level of Government and by State: 2005-06" <<http://ftp2.census.gov/govs/estimate/06slsstab1a.xls>> accessed May 21, 2008 and Population Division, "Table 1: Annual Estimates of the Population for the United States and States, and for Puerto Rico: April 1, 2000 to July 1, 2007" (NST-EST2007-01) (December 27, 2007) <<http://www.census.gov/popest/states/tables/NST-EST2007-01.xls>> accessed December 27, 2007 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 9.16-- STATE GOVERNMENT REVENUES: 2003

[Rounded to thousands of dollars. For fiscal year ending June 30. Data not compiled for 2001 or 2002]

| Source of revenues | Total | General fund | Special funds |
|-----------------------------------|-----------|--------------|---------------|
| Total 1/ | 6,980,472 | 3,497,182 | 3,483,290 |
| Tax revenues | 3,684,402 | 3,174,120 | 510,282 |
| General excise | 1,792,699 | 1,784,129 | 8,570 |
| Specific excises 2/ | 467,692 | 299,814 | 167,878 |
| Individual income | 1,037,826 | 1,037,826 | - |
| Corporate income | 8,262 | 8,262 | - |
| Transient accommodations | 91,252 | - | 91,252 |
| Unemployment compensation | 209,450 | - | 209,450 |
| Other taxes, licenses, permits 3/ | 77,221 | 44,089 | 33,132 |
| Federal grants-in-aid | 1,336,544 | 6,708 | 1,329,836 |
| Fines & forfeitures | 24,434 | 17,929 | 6,505 |
| Rents, royalties & land inc. 4/ | 114,410 | 9,250 | 105,160 |
| Revenues from other agencies | 48,539 | 3,857 | 44,682 |
| Earnings: general dept. | 866,512 | 131,323 | 735,189 |
| public service enterprises | 178,072 | - | 178,072 |
| Interest earned | 104,158 | 25,453 | 78,705 |
| Miscellaneous | 623,401 | 128,542 | 494,859 |

1/ Excludes transfers and repayments except as shown.

2/ Includes public service companies, tobacco, liquor, insurance premiums, vehicle registration and weight, and fuel taxes.

3/ Includes franchise, inheritance and estate, hospital and nursing home, and conveyance taxes.

4/ Includes investment and unallocable interest income.

Source: Compiled by the Tax Foundation of Hawaii from Hawaii State Department of Accounting and General Services, *Annual Report of the Comptroller*.

**Table 9.17-- STATE GOVERNMENT EXPENDITURES, BY FUNCTION:
2003 TO 2007**

[In thousands of dollars. For fiscal year ending June 30]

| Function | 2003 | 2004 | 2005 | 2006 | 2007 |
|-----------------------------------|-------------|-------------|-------------|-------------|-------------|
| Total expenditures | 5,971,576 | 5,972,173 | 6,399,696 | 7,062,832 | 7,888,242 |
| Current | 5,577,253 | 5,670,658 | 6,077,748 | 6,615,255 | 7,385,509 |
| General government | 429,448 | 450,975 | 508,154 | 493,301 | 458,236 |
| Public safety | 256,740 | 265,432 | 291,369 | 322,578 | 376,032 |
| Highways | 254,648 | 222,672 | 301,784 | 267,213 | 337,862 |
| Conservation of natural resources | 65,787 | 64,774 | 74,188 | 86,628 | 107,578 |
| Health | 512,864 | 518,667 | 564,807 | 685,679 | 832,333 |
| Welfare | 1,418,056 | 1,545,322 | 1,614,559 | 1,709,810 | 1,770,707 |
| Lower education | 1,744,625 | 1,758,424 | 1,798,208 | 1,984,129 | 2,305,280 |
| Higher education | 537,709 | 480,296 | 559,379 | 678,338 | 759,777 |
| Other education | 38,160 | 22,807 | 19,667 | 19,183 | 20,122 |
| Culture and recreation | 70,549 | 66,884 | 73,774 | 87,478 | 92,574 |
| Urban redevelopment & housing | 17,265 | 55,077 | 52,698 | 60,725 | 170,614 |
| Economic devel. & assistance | 231,402 | 215,133 | 214,377 | 215,559 | 147,146 |
| Other | - | 4,195 | 4,784 | 4,634 | 7,248 |
| Debt service | 394,323 | 301,515 | 321,948 | 447,577 | 502,733 |
| Principal | 211,575 | 113,629 | 128,378 | 247,935 | 271,010 |
| Interest and others | 182,748 | 187,886 | 193,570 | 199,642 | 231,723 |

Source: Hawaii State Department of Accounting and General Services, *Comprehensive Annual Financial Report For The Fiscal Year Ended June 30, 2007*, p. 141

<<http://hawaii.gov/dags/accounting-division/SOH-2007%20DAGS%20CAFR.pdf>>
accessed June 10, 2008.

**Table 9.18-- STATE GOVERNMENT REVENUES, ALL FUND TYPES,
BY SOURCE: 2003 TO 2007**

[In thousands of dollars. For fiscal year ending June 30]

| Function | 2003 | 2004 | 2005 | 2006 | 2007 |
|--|-----------|-----------|-----------|-----------|-----------|
| Total revenues | 5,369,708 | 5,790,248 | 6,475,470 | 7,029,594 | 7,269,812 |
| Total taxes | 3,437,908 | 3,753,383 | 4,316,931 | 4,746,538 | 4,853,267 |
| General excise | 1,780,199 | 1,900,077 | 2,145,603 | 2,359,316 | 2,632,485 |
| Net income - corp. & personal | 1,050,688 | 1,254,341 | 1,484,664 | 1,664,331 | 1,618,570 |
| Public service companies | 114,115 | 99,505 | 108,686 | 120,678 | 124,017 |
| Transient accommodations | 92,018 | 101,580 | 110,723 | 124,133 | 7,382 |
| Tobacco and liquor | 113,483 | 120,637 | 128,982 | 134,216 | 131,813 |
| Liquid fuel | 77,174 | 81,401 | 82,733 | 84,719 | 87,179 |
| Insurance companies' premiums | 74,335 | 79,477 | 84,822 | 89,778 | 96,385 |
| Vehicle weight and registration | 46,259 | 46,567 | 54,057 | 56,101 | 59,422 |
| Rental motor/tour vehicle surcharge | 39,472 | 41,414 | 43,950 | 48,092 | 49,479 |
| Franchise | - | - | 38,520 | 18,324 | 2,000 |
| Other | 50,165 | 28,384 | 34,191 | 46,850 | 44,535 |
| Non-taxes | 1,931,800 | 2,036,865 | 2,158,539 | 2,283,056 | 2,416,545 |
| Interest and investment income | 60,724 | 41,903 | 58,236 | 82,013 | 122,606 |
| Charges for current services | 214,980 | 229,142 | 298,670 | 343,424 | 318,235 |
| Intergovernmental | 1,362,489 | 1,528,280 | 1,574,899 | 1,601,005 | 1,727,895 |
| Rentals | 27,854 | 30,893 | 28,732 | 32,493 | 21,639 |
| Fines, forfeitures, and penalties | 24,434 | 30,453 | 27,482 | 26,827 | 28,488 |
| Licenses and fees | 27,055 | 25,643 | 27,297 | 29,364 | 30,837 |
| Revenues from private sources | 48,539 | 42,264 | 41,836 | 39,647 | 39,401 |
| Other | 165,725 | 108,287 | 101,387 | 128,283 | 127,444 |

Source: Hawaii State Department of Accounting and General Services, *Comprehensive Annual Financial Report For The Fiscal Year Ended June 30, 2007*, p. 141
 <<http://hawaii.gov/dags/accounting-division/SOH-2007%20DAGS%20CAFR.pdf>>
 accessed June 10, 2008.

**Table 9.19-- COUNTY GOVERNMENT OPERATING REVENUES,
BY SOURCE: 2003**

[Data are rounded to thousands of dollars. For fiscal year ending June 30]

| Subject | All counties | City & Co. of Honolulu | County of Maui | County of Hawaii | County of Kauai |
|-----------------------------|---------------------|-----------------------------------|-----------------------|-------------------------|------------------------|
| Total 1/ | 1,586,151 | 1,053,617 | 216,960 | 208,801 | 106,772 |
| Taxes | 821,269 | 508,411 | 128,494 | 130,439 | 53,924 |
| Real property | 643,235 | 385,872 | 105,106 | 109,991 | 42,266 |
| Liquid fuel | 67,044 | 47,156 | 8,720 | 7,343 | 3,824 |
| Utility franchise | 34,612 | 22,652 | 4,823 | 4,817 | 2,320 |
| Public service company | 38,262 | 25,171 | 4,842 | 5,064 | 3,185 |
| Motor vehicle weight | 38,116 | 27,560 | 5,002 | 3,225 | 2,329 |
| Liquor licenses & fees | 5,885 | 2,504 | 1,701 | 1,036 | 644 |
| Parking meter fees | 4,250 | 4,239 | - | 11 | - |
| Other licenses & fees 2/ | 42,009 | 31,245 | 4,188 | 5,000 | 1,576 |
| Fines, forfeits & penalties | 2,220 | 646 | 1,188 | 386 | - |
| Departmental earnings 3/ | 311,418 | 248,273 | 33,797 | 16,403 | 12,945 |
| Mass transit | 31,358 | 31,358 | - | - | - |
| State grants | 100,137 | 38,455 | 20,427 | 27,632 | 13,623 |
| Others | 25,828 | 5,852 | 3,571 | 13,881 | 2,523 |
| Transient accom. tax | 74,309 | 32,603 | 16,856 | 13,751 | 11,099 |
| Federal grants | 160,527 | 89,151 | 24,541 | 23,581 | 23,253 |
| Miscellaneous | 107,079 | 99,335 | 2,624 | 4,313 | 806 |

1/ Excludes loan, bond, revolving, trust funds, Board of Water Supply revenues and for County of Hawaii excludes Hilo Hospital. For City & County of Honolulu includes bus transportation and H-Power revenues.

2/ Other licenses, permits and fees.

3/ Includes rentals, interest, and other earnings.

Source: Tax Foundation of Hawaii compilations of the Finance Directors' Annual Reports of the City & County of Honolulu, and the counties of Hawaii, Kauai and Maui (various reports) and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.20-- COUNTY GOVERNMENT OPERATING EXPENDITURES,
BY OBJECT: 2003**

[Data are rounded to thousands of dollars. For fiscal year ending June 30]

| Subject | City & County of Honolulu 1/ | Neighbor island counties | County of Maui | County of Hawaii | County of Kauai |
|---------------------------------|---|---|---------------------------|-----------------------------|----------------------------|
| Total 2/ | 1,365,669 | 513,815 | 221,275 | 195,956 | 96,584 |
| General government: | 115,067 | 57,638 | 18,971 | 21,543 | 17,124 |
| Control | (NA) | 10,086 | 4,852 | 3,194 | 2,041 |
| Staff | (NA) | 47,552 | 14,119 | 18,349 | 15,084 |
| Public safety: | 246,109 | 136,325 | 47,824 | 67,955 | 20,547 |
| Police and fire | (NA) | 113,797 | 41,851 | 53,050 | 18,895 |
| Other protection | (NA) | 22,528 | 5,973 | 14,904 | 1,651 |
| Highways 3/ | 13,831 | 21,969 | 8,525 | 8,208 | 5,235 |
| Health and sanitation | (NA) | 42,556 | 18,703 | 15,642 | 8,210 |
| Public welfare | (NA) | 60,547 | 32,008 | 18,490 | 10,049 |
| Public schools | (NA) | 52 | - | 52 | - |
| Recreation | (NA) | 38,941 | 20,907 | 13,292 | 4,742 |
| Interest | (NA) | 22,836 | 10,997 | 8,332 | 3,507 |
| Bond redemption | (NA) | 29,077 | 13,594 | 10,977 | 4,506 |
| Pension and retirement | (NA) | 37,837 | 25,757 | 8,294 | 3,786 |
| Mass transit 4/ | 150,523 | 1,522 | - | 1,522 | - |
| Miscellaneous | 101,655 | 40,283 | 13,408 | 17,889 | 8,986 |
| Cash capital improvements | (NA) | 24,232 | 10,580 | 3,761 | 9,891 |
| Sanitation | 265,331 | (NA) | (NA) | (NA) | (NA) |
| Health and human resources | 52,007 | (NA) | (NA) | (NA) | (NA) |
| Culture and recreation | 62,260 | (NA) | (NA) | (NA) | (NA) |
| Urban redev. and housing | 22,275 | (NA) | (NA) | (NA) | (NA) |
| Utilities and other enterprises | 22,557 | (NA) | (NA) | (NA) | (NA) |
| Capital outlay | 193,722 | (NA) | (NA) | (NA) | (NA) |
| Debt service | 120,332 | (NA) | (NA) | (NA) | (NA) |

NA Not available.

1/ Categories for the City and County of Honolulu may not be strictly comparable to the other counties'.

2/ All funds expended by the county excepting certain bond, revolving, loan, and enterprise funds.

3/ Category is 'Highways and streets' for the City and County of Honolulu.

4/ Includes transfers to the bus transportation fund which are not reported as operating expenditures.

Source: Tax Foundation of Hawaii unpublished compilations of the Finance Directors' Annual Reports of the City & County of Honolulu, and the counties of Hawaii, Kauai and Maui (various reports) and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.21-- NUMBER OF EXEMPTIONS AND ADJUSTED GROSS INCOME
REPORTED ON INDIVIDUAL FEDERAL INCOME TAX RETURNS:
TAX YEARS 1980 TO 2006**

| Tax year | Number of returns | Number of exemptions 1/ | Adjusted gross income (less deficit) | | |
|----------|-------------------|-------------------------|--------------------------------------|----------------------|----------------------------|
| | | | Total (\$1,000) | Per return (dollars) | Per exemption 1/ (dollars) |
| 1980 | 424,177 | 936,056 | 7,320,740 | 17,259 | 7,821 |
| 1981 | 437,977 | 957,338 | 7,870,617 | 17,970 | 8,221 |
| 1982 | 445,953 | 1,027,743 | 8,236,603 | 18,470 | 8,014 |
| 1983 | 450,097 | 1,037,030 | 8,652,808 | 19,224 | 8,344 |
| 1984 | 461,424 | 1,055,297 | 9,322,406 | 20,204 | 8,834 |
| 1985 | 470,745 | 1,071,202 | 9,965,599 | 21,170 | 9,303 |
| 1986 | 485,014 | 1,096,934 | 10,959,168 | 22,596 | 9,991 |
| 1987 | 506,302 | 1,112,189 | 12,670,065 | 25,025 | 11,392 |
| 1988 | 520,575 | 1,087,534 | 14,215,978 | 27,308 | 13,072 |
| 1989 | 542,943 | 1,120,071 | 15,851,813 | 29,196 | 14,153 |
| 1990 | 555,488 | 1,145,166 | 17,462,616 | 31,437 | 15,249 |
| 1991 | 567,412 | 1,173,631 | 17,778,657 | 31,333 | 15,148 |
| 1992 | 569,334 | 1,179,166 | 18,398,690 | 32,316 | 15,603 |
| 1993 | 556,041 | 1,173,229 | 18,519,252 | 33,306 | 15,785 |
| 1994 | 554,077 | 1,172,855 | 18,507,502 | 33,402 | 15,780 |
| 1995 | 549,519 | 1,171,533 | 19,057,384 | 34,680 | 16,267 |
| 1996 | 549,619 | 1,066,834 | 19,537,774 | 35,548 | 18,314 |
| 1997 | 552,105 | 1,197,378 | 20,367,085 | 36,890 | 17,010 |
| 1998 | 553,525 | 1,090,735 | 20,874,106 | 37,711 | 19,138 |
| 1999 | 558,612 | 1,093,731 | 22,327,292 | 39,969 | 20,414 |
| 2000 | 572,178 | 1,110,699 | 23,929,238 | 41,821 | 21,544 |
| 2001 | 577,693 | (2/) | 23,882,640 | 41,341 | (2/) |
| 2002 | 584,605 | 1,138,413 | 24,160,873 | 41,329 | 21,223 |
| 2003 | 591,084 | 1,149,652 | 25,718,250 | 43,510 | 22,370 |
| 2004 | 606,129 | 1,172,464 | 28,113,640 | 46,382 | 23,978 |
| 2005 | 621,014 | 1,194,091 | 31,284,219 | 50,376 | 26,199 |
| 2006 | 638,212 | 1,198,076 | 33,030,898 | 51,755 | 27,570 |

1/ Exemptions for age or blindness excluded through 1981 and included thereafter. "Number of exemptions" also includes responses of taxpayers who checked the boxes on their tax returns for age 65 or over or for blindness, partly to justify the additional standard deductions for age or blindness. Treating these responses as if they were for personal exemptions enables some comparability to be maintained in the State data between years starting with 1987 (the first year for which the additional standard deductions were allowed for age and blindness) and earlier years, when additional personal exemptions were allowed for this purpose, instead. Note, though, that these responses were not included in the 1996 statistics, so data for that year are not altogether comparable with those for 1997 and years preceding 1996.

2/ Number of exemptions unavailable for all income classes.

Source: U.S. Treasury Department, Internal Revenue Service, *Statistics of Income. Individual Income Tax Returns* (annual); *SOI Bulletin, Summer 1985*, p. 93; *Winter 1985-86*, p. 97; *Winter 1986-87*, p. 83; *Fall 1990*, pp. 11-57; *Winter 1990-91*, p. 58; *Spring 1993*, p. 148; *Fall 1994*, p. 148; and thereafter *Spring 1995* through *Spring 2003* and thence Tax Year "Individual Income and Tax Data, by State and Size of Adjusted Gross Income" (annual) <<http://www.irs.gov/taxstats/article/0,,id=171535,00.html>> accessed July 3, 2008; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 9.22-- ADJUSTED GROSS INCOME AND INCOME TAX, BY SIZE OF ADJUSTED GROSS INCOME, FOR INDIVIDUAL FEDERAL INCOME TAX RETURNS: TAX YEARS 2003 TO 2005

| Tax year 1/ and size of adjusted gross income | Number of returns | Adjusted gross income less deficit (\$1,000) | Total income tax liability | | |
|---|-------------------|--|----------------------------|------------------|-------------------|
| | | | Number of returns | Amount (\$1,000) | Average (dollars) |
| 2003 | | | | | |
| All returns | 591,084 | 25,718,250 | 453,386 | 2,936,112 | 6,476 |
| Under \$30,000 2/ | 306,369 | 3,934,129 | 180,537 | 201,075 | 1,114 |
| \$30,000 under \$50,000 | 115,376 | 4,495,059 | 105,464 | 338,432 | 3,209 |
| \$50,000 under \$75,000 | 80,974 | 4,964,540 | 79,295 | 453,799 | 5,723 |
| \$75,000 under \$100,000 | 43,245 | 3,721,381 | 43,035 | 392,337 | 9,117 |
| \$100,000 under \$200,000 | 36,436 | 4,718,513 | 36,375 | 676,196 | 18,590 |
| \$200,000 or more | 8,684 | 3,884,629 | 8,680 | 874,271 | 100,722 |
| Median income | (3/) | (X) | (X) | (X) | (X) |
| 2004 | | | | | |
| All returns | 606,129 | 28,113,640 | 459,358 | 3,314,030 | 7,214 |
| Under \$50,000 2/ | 424,083 | 8,456,751 | 280,765 | 536,105 | 1,909 |
| \$50,000 under \$75,000 | 83,235 | 5,108,526 | 80,207 | 453,907 | 5,659 |
| \$75,000 under \$100,000 | 46,391 | 3,998,305 | 46,055 | 408,665 | 8,873 |
| \$100,000 under \$200,000 | 41,609 | 5,414,148 | 41,531 | 759,244 | 18,281 |
| \$200,000 or more | 10,811 | 5,135,910 | 10,800 | 1,156,109 | 107,047 |
| Median income | (3/) | (X) | (X) | (X) | (X) |
| 2005 | | | | | |
| All returns | 621,014 | 31,284,219 | 475,073 | 3,785,802 | 7,969 |
| Under \$50,000 2/ | 424,181 | 8,612,480 | 282,410 | 543,765 | 1,925 |
| \$50,000 under \$75,000 | 86,820 | 5,331,817 | 83,290 | 475,812 | 5,713 |
| \$75,000 under \$100,000 | 49,749 | 4,293,504 | 49,224 | 432,120 | 8,779 |
| \$100,000 under \$200,000 | 46,907 | 6,122,968 | 46,804 | 844,071 | 18,034 |
| \$200,000 or more | 13,357 | 6,923,449 | 13,345 | 1,490,034 | 111,655 |
| Median income | (3/) | (X) | (X) | (X) | (X) |

X Not applicable.

1/ Filed in following year.

2/ Includes returns with adjusted gross deficit.

3/ Unable to calculate precisely from published data as the median, defined as one-half the number below and one-half above occurs within the lowest AGI category which includes returns with adjusted gross deficit., i.e. the median occurs at return number 310,507 for tax year 2005 which is in the "Under \$50,000" category.

Source: U.S. Treasury Department, Internal Revenue Service, Tax Year "Individual Income and Tax Data, by State and Size of Adjusted Gross Income" (annual) <<http://www.irs.gov/taxstats/article/0,,id=103106,00.html>> accessed January 7, 2008 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.23-- FEDERAL INDIVIDUAL INCOME TAX RETURNS, SELECTED INCOME AND TAX ITEMS:
TAX YEAR 2004 AND 2005**

[Money amounts in thousands of dollars unless otherwise noted. State totals do not include deleted ZIP code totals. No report was issued for 2003]

| Adjusted gross income size (dollars) | No. of returns | No. of exemptions | | Adjusted gross income | Salaries and wages | | Taxable interest | | Total tax | |
|--------------------------------------|----------------|-------------------|----------------------|-----------------------|--------------------|------------|------------------|---------|----------------|-----------|
| | | Total | Dependent exemptions | | No. of returns | Amount | No. of returns | Amount | No. of returns | Amount |
| Total - 2004 | 594,827 | 1,170,394 | 346,175 | 27,697,652 | 492,648 | 19,622,552 | 312,297 | 394,290 | 447,805 | 3,234,784 |
| Under 10,000 1/ | 115,336 | 152,777 | 24,848 | 324,244 | 81,117 | 443,579 | 35,277 | 21,375 | 33,331 | 13,658 |
| 10,000 under 25,000 | 145,073 | 240,857 | 67,034 | 2,520,813 | 119,740 | 2,022,769 | 50,767 | 36,435 | 104,027 | 110,109 |
| 25,000 under 50,000 | 155,873 | 307,279 | 96,457 | 5,600,819 | 136,050 | 4,592,675 | 82,661 | 59,450 | 135,345 | 393,843 |
| 50,000 under 75,000 | 81,377 | 201,902 | 68,579 | 5,000,021 | 71,027 | 3,907,849 | 58,771 | 54,955 | 78,355 | 442,138 |
| 75,000 under 100,000 | 45,509 | 126,167 | 43,413 | 3,928,300 | 40,344 | 3,009,942 | 37,760 | 42,119 | 45,190 | 400,970 |
| 100,000 or more | 51,659 | 141,412 | 45,844 | 10,323,455 | 44,370 | 5,645,738 | 47,061 | 179,956 | 51,557 | 1,874,066 |
| Total - 2005 | 605,108 | 1,185,372 | 349,591 | 30,661,609 | 502,681 | 20,741,894 | 323,526 | 498,281 | 462,095 | 3,681,671 |
| Under 10,000 1/ | 109,075 | 143,507 | 23,816 | 238,123 | 78,154 | 433,203 | 35,352 | 24,245 | 32,382 | 14,131 |
| 10,000 under 25,000 | 143,612 | 235,782 | 65,309 | 2,500,272 | 118,618 | 2,015,942 | 49,619 | 39,397 | 102,765 | 107,635 |
| 25,000 under 50,000 | 160,031 | 308,952 | 95,909 | 5,753,565 | 139,892 | 4,741,986 | 83,344 | 67,379 | 138,664 | 402,324 |
| 50,000 under 75,000 | 84,517 | 204,089 | 67,964 | 5,194,400 | 72,973 | 4,008,886 | 60,885 | 66,940 | 81,050 | 462,041 |
| 75,000 under 100,000 | 48,625 | 132,684 | 45,118 | 4,201,500 | 42,712 | 3,184,361 | 40,243 | 53,602 | 48,117 | 422,767 |
| 100,000 or more | 59,248 | 160,358 | 51,475 | 12,773,749 | 50,332 | 6,357,516 | 54,083 | 246,718 | 59,117 | 2,272,773 |

1/ Adjusted gross income size of "Under \$10,000" includes adjusted gross deficits.

Source: U.S. Internal Revenue Service, Statistics of Income, "Hawaii Individual Income Tax Returns: Selected Income and Tax Items by State, ZIP Code and Size of Adjusted Gross Income, Tax Year 2004"; *Ibid.* Tax Year 2005, records. See also <http://www.irs.gov/taxstats/indtaxstats/article/0,,id=96947,00.html>.

**Table 9.24-- FEDERAL INDIVIDUAL INCOME TAX RETURNS, SELECTED INCOME AND TAX ITEMS,
BY SELECTED ZIP CODES: TAX YEAR 2005**

[Money amounts in thousands of dollars. State total does not include deleted ZIP code totals. ZIP codes were selected on basis of highest total tax amount]

| Zip code | No. of returns | No. of exemptions | | Adj. gross income | Salaries and wages | | Taxable interest | | Total tax | |
|-------------|----------------|-------------------|--------------|-------------------|--------------------|------------|------------------|---------|----------------|-----------|
| | | Total | Depen- dents | | No. of returns | Amount | No. of returns | Amount | No. of returns | Amount |
| State total | 605,108 | 1,185,372 | 349,591 | 30,661,609 | 502,681 | 20,741,894 | 323,526 | 498,281 | 462,095 | 3,681,671 |
| 96816 | 25,448 | 44,335 | 10,161 | 1,808,354 | 18,883 | 916,222 | 16,868 | 41,729 | 20,613 | 281,768 |
| 96821 | 9,837 | 18,528 | 4,314 | 1,084,380 | 6,977 | 557,203 | 7,575 | 31,052 | 8,313 | 201,307 |
| 96734 | 21,902 | 44,887 | 12,860 | 1,401,566 | 17,811 | 925,959 | 13,317 | 21,282 | 17,345 | 186,771 |
| 96822 | 21,067 | 35,114 | 7,261 | 1,267,238 | 16,153 | 751,380 | 13,352 | 27,573 | 17,124 | 184,004 |
| 96825 | 14,624 | 28,785 | 7,141 | 1,226,773 | 11,358 | 725,263 | 10,741 | 23,340 | 12,322 | 179,623 |
| 96744 | 26,541 | 52,179 | 14,737 | 1,436,756 | 21,686 | 1,018,627 | 16,534 | 18,092 | 21,432 | 164,567 |
| 96789 | 24,509 | 52,583 | 16,420 | 1,438,313 | 21,713 | 1,145,444 | 16,229 | 13,088 | 20,353 | 150,412 |
| 96817 | 25,770 | 47,553 | 13,009 | 1,133,740 | 20,683 | 746,498 | 13,774 | 18,986 | 18,892 | 140,425 |
| 96813 | 11,434 | 19,010 | 4,316 | 825,859 | 8,600 | 419,139 | 6,401 | 28,413 | 8,736 | 136,018 |
| 96701 | 20,740 | 39,224 | 10,338 | 1,103,942 | 17,004 | 779,682 | 13,040 | 15,891 | 16,866 | 130,859 |
| 96797 | 32,322 | 68,249 | 22,802 | 1,357,651 | 29,203 | 1,135,362 | 15,974 | 10,514 | 23,728 | 116,572 |
| 96815 | 14,478 | 21,900 | 3,509 | 796,091 | 10,692 | 429,852 | 7,669 | 21,566 | 11,525 | 111,968 |
| 96720 | 20,754 | 40,823 | 12,216 | 920,074 | 16,957 | 618,758 | 11,557 | 13,872 | 15,099 | 105,766 |
| 96782 | 18,111 | 35,144 | 9,462 | 827,799 | 14,568 | 581,620 | 11,101 | 10,885 | 14,429 | 81,874 |
| 96818 | 20,282 | 45,930 | 15,593 | 894,161 | 18,117 | 728,061 | 10,517 | 9,780 | 14,967 | 80,552 |
| 96753 | 11,572 | 20,804 | 5,306 | 619,222 | 9,460 | 390,740 | 5,403 | 14,439 | 9,321 | 80,251 |
| 96706 | 23,518 | 53,197 | 19,016 | 1,033,276 | 21,805 | 905,645 | 11,286 | 5,669 | 17,515 | 79,498 |
| 96819 | 21,663 | 44,031 | 14,570 | 782,373 | 18,591 | 597,865 | 9,416 | 9,896 | 14,898 | 72,063 |
| 96707 | 13,224 | 30,721 | 11,267 | 712,188 | 12,188 | 593,217 | 6,858 | 5,245 | 10,191 | 70,159 |
| 96814 | 8,659 | 13,646 | 2,521 | 466,938 | 6,478 | 266,594 | 4,814 | 10,252 | 6,897 | 69,709 |

Source: U.S. Internal Revenue Service, Statistics of Income, "Hawaii Individual Income Tax Returns: Selected Income and Tax Items by State, ZIP Code and Size of Adjusted Gross Income, Tax Year 2005", records. See also <<http://www.irs.gov/taxstats/indtaxstats/article/0,,id=96947,00.html>>.

**Table 9.25-- SELECTED CHARACTERISTICS OF INDIVIDUAL FEDERAL
INCOME TAX RETURNS: TAX YEARS 2004 AND 2005**

| Subject | 2004 | | 2005 | |
|--|-------------------|------------------|-------------------|------------------|
| | Number of returns | Amount (\$1,000) | Number of returns | Amount (\$1,000) |
| All returns and adj. gross income (AGI) 1/ | 606,129 | 28,113,640 | 621,014 | 31,284,219 |
| Salaries and wages | 504,839 | 20,083,633 | 516,766 | 21,257,026 |
| Taxable interest income | 318,696 | 423,385 | 330,470 | 524,974 |
| Ordinary dividends | 147,348 | 500,798 | 152,420 | 591,005 |
| Business or prof. net income (less loss) | 91,160 | 1,225,585 | 94,076 | 1,440,415 |
| Farm returns | 5,695 | (NA) | 5,712 | (NA) |
| Net capital gain (less loss) | 115,816 | 1,991,757 | 123,069 | 2,944,627 |
| Taxable indiv. retire. arrangements distrib. | 40,059 | 385,784 | 42,964 | 445,507 |
| Pensions and annuities | 116,620 | 2,345,670 | 117,871 | 2,474,771 |
| Unemployment compensation | 28,158 | 105,012 | 22,175 | 81,160 |
| Social security benefits | 59,158 | 585,488 | 63,566 | 660,269 |
| Self-employment retirement plans | 6,600 | 104,345 | 7,090 | 117,553 |
| Exemptions | 1,172,464 | (NA) | 1,194,091 | (NA) |
| Itemized deductions | 201,672 | 4,277,465 | 208,043 | 4,838,503 |
| State and local income taxes | 175,296 | 979,561 | 180,875 | 1,114,546 |
| State and local general sales tax | 22,562 | 28,256 | 23,253 | 21,603 |
| Real estate taxes | 155,108 | 195,663 | 160,465 | 239,723 |
| Taxes paid | 202,326 | 1,221,677 | 208,019 | 1,527,022 |
| Mortgage interest paid 2/ | 155,284 | 1,960,002 | 160,201 | 2,178,248 |
| Contributions | 178,361 | 560,885 | 180,850 | 599,716 |
| Taxable income | 481,837 | 18,981,725 | 497,788 | 21,313,120 |
| Total tax credits | 182,010 | 208,427 | 187,325 | 215,643 |
| Child tax credit | 110,767 | 140,861 | 112,033 | 142,505 |
| Child care credit | 29,244 | 12,886 | 30,141 | 13,480 |
| Earned income credit | 88,732 | 141,483 | 87,540 | 143,818 |
| Excess earned income credit (refundable) | 76,201 | 126,802 | 75,173 | 129,187 |
| Alternative minimum tax | 9,748 | 42,105 | 13,517 | 61,354 |
| Income tax | 432,867 | 3,109,492 | 448,468 | 3,563,593 |
| Tax liability | 459,358 | 3,314,030 | 475,073 | 3,785,802 |
| Tax due at time of filing | 120,001 | 383,061 | 126,898 | 471,414 |
| Overpayments (negative amount) | 446,555 | 854,761 | 454,585 | 910,460 |

NA Not available.

1/ Adjusted gross income (AGI) includes deficit.

2/ Category was "Mortgage interest paid" in 2005 and "Interest paid" in 2004

Source: U.S. Internal Revenue Service, Table 2.-- Individual Income and Tax Data, by State and Size of Adjusted Gross Income, Tax Year 2004 <<http://www.irs.gov/pub/irs-soi/04in12hi.xls>> accessed July 21, 2006; and Ibid. Tax Year 2005 <<http://www.irs.gov/pub/irs-soi/05in12hi.xls>> accessed August 9, 2007.

Table 9.26-- INTERNAL REVENUE SERVICE OPERATIONS: 2003 TO 2007

[In number or thousands of dollars. For fiscal years ending September 30. Numbers shown for the State of Hawaii do not necessarily indicate the Federal tax burden, since, in many instances, taxes are collected in one State from residents of, or operations in, another. Also, taxes of corporations may be paid from the principal office, although operations of these corporations may be located in one or more state(s). Refunds may be issued for a tax paid in a prior year]

| Subject | 2003 | 2004 | 2005 | 2006 | 2007 |
|---|-----------|-----------|-----------|-----------|-----------|
| Total number of returns filed | 1,015,589 | 1,034,878 | 1,050,141 | 1,069,903 | 1,097,173 |
| Individual income tax 1/ | 584,164 | 590,168 | 604,667 | 617,089 | 637,469 |
| Estate and trust income tax | 12,973 | 13,240 | 12,891 | 12,936 | 13,151 |
| Partnership tax | 7,818 | 8,178 | 8,614 | 8,948 | 10,220 |
| Corporate income tax 2/ | 26,040 | 26,770 | 26,229 | 26,757 | 27,220 |
| Estate tax | 472 | 380 | 416 | 373 | 309 |
| Gift tax | 1,811 | 1,746 | 2,036 | 1,813 | 1,810 |
| Employment taxes | 114,435 | 121,710 | 126,593 | 129,557 | 128,691 |
| Excise taxes | 1,019 | 805 | 1,164 | 1,076 | 1,078 |
| Other 3/ | 266,857 | 271,881 | 267,531 | 271,354 | 277,225 |
| Total no. of returns filed electronically | (NA) | 234,093 | 271,349 | 289,689 | 313,551 |
| Individual income tax 1/ | 193,589 | 219,908 | 246,941 | 267,739 | 288,542 |
| Estate and trust income tax | (NA) | 1,347 | 1,738 | 1,760 | 1,727 |
| Partnership tax | (NA) | 174 | 297 | 491 | 804 |
| Corporate income tax 2/ | (NA) | 103 | 379 | 1,043 | 1,617 |
| Employment taxes | (NA) | 12,561 | 21,971 | 18,606 | 20,759 |
| Tax-exempt organizations | (NA) | (NA) | 23 | 50 | 102 |
| Total number of refunds issued 1/ | 562,895 | 477,749 | 490,187 | 500,775 | 528,506 |
| Corporate income tax | 3,100 | 2,461 | 2,669 | 2,872 | 3,537 |
| Individual income tax | 552,054 | 467,844 | 477,931 | 487,732 | 514,212 |
| Employment taxes | 7,366 | 7,120 | 9,017 | 9,784 | 10,266 |
| Estate tax | 94 | 80 | 101 | 89 | 85 |
| Gift tax | 10 | 9 | 14 | 13 | 21 |
| Excise taxes | 271 | 235 | 455 | 285 | 385 |
| Total amount of refunds issued (\$1,000) | 957,463 | 902,878 | 1,007,805 | 983,897 | 1,107,617 |
| Corporate income tax | 94,186 | 62,467 | 112,953 | 43,092 | 81,178 |
| Individual income tax | 849,278 | 831,053 | 881,252 | 924,085 | 992,082 |
| Employment taxes | 7,966 | 6,155 | 9,016 | 8,930 | 8,773 |
| Estate tax | 4,246 | 2,438 | 1,912 | 6,896 | 5,336 |
| Gift tax | 111 | 53 | 81 | 148 | 8 |
| Excise taxes | 1,676 | 712 | 2,591 | 747 | 4,794 |
| Telephone excise tax 1/ | (X) | (X) | (X) | (X) | 15,446 |

NA Not available.

X Not applicable.

1/ The IRS reported that the one-time telephone excise tax refund in 2007 resulted in an increase in the number of individual income tax returns filed, if only to claim the telephone excise tax refund for taxes paid on long distance telephone calls billed between February 28, 2003, and August 1, 2006. The number of refunds by State was not released.

2/ Includes S corporations and C or other corporations income tax.

3/ Includes Individual estimated income tax, Estate and trust estimated income tax, Tax-exempt organizations, and supplemental documents.

Source: U.S. Internal Revenue Service *IRS Data Book* (annual)
 <<http://www.irs.gov/taxstats/article/0,,id=102174,00.html>> accessed March 14, 2008 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.27-- RESIDENT INDIVIDUAL STATE INCOME TAX RETURNS:
TAX YEARS 1958 TO 2005**

| Year income was received | Number of resident returns | Adjusted gross income 1/ (\$1,000) | Taxable income (\$1,000) | Tax liability (\$1,000) |
|---------------------------------|-----------------------------------|---|-------------------------------------|------------------------------------|
| 1958 | 167,976 | 789,191 | 50,597 | 21,095 |
| 1959 | 177,602 | 911,841 | 599,402 | 25,618 |
| 1960 | 193,015 | 103,639 | 694,331 | 29,871 |
| 1961 | 192,644 | 1,084,611 | 579,629 | 28,479 |
| 1962 | 196,393 | 1,124,475 | 655,937 | 28,675 |
| 1963 | 204,828 | 1,219,950 | 715,902 | 31,368 |
| 1964 | 214,238 | 1,366,111 | 823,268 | 36,498 |
| 1965 | 223,391 | 1,451,319 | 886,502 | 39,885 |
| 1966 | 237,920 | 1,655,995 | 1,030,994 | 58,292 |
| 1967 | 243,217 | 1,792,129 | 1,134,116 | 65,439 |
| 1968 | 255,022 | 2,009,594 | 1,297,215 | 77,015 |
| 1969 | 274,600 | 2,340,353 | 1,530,237 | 93,391 |
| 1970 | 282,656 | 2,572,758 | 1,705,870 | 106,460 |
| 1971 | 287,599 | 2,758,042 | 1,804,963 | 114,120 |
| 1972 | 301,603 | 3,001,141 | 1,942,768 | 124,439 |
| 1973 | 316,998 | 3,307,736 | 2,128,630 | 138,670 |
| 1974 | 332,144 | 3,625,291 | 2,366,895 | 158,059 |
| 1975 | 341,706 | 3,928,483 | 2,571,637 | 174,563 |
| 1976 | 353,640 | 4,200,252 | 2,791,904 | 193,023 |
| 1977 | 365,804 | 4,638,815 | 3,096,724 | 217,339 |
| 1978 | 387,694 | 5,329,157 | 3,653,434 | 262,528 |
| 1979 | 410,797 | 5,541,432 | 3,818,885 | 279,008 |
| 1980 | 403,311 | 6,382,375 | 4,207,796 | 317,134 |
| 1981 | 429,100 | 6,759,002 | 4,416,316 | 332,288 |
| 1982 | 422,535 | 6,912,014 | 4,469,031 | 339,108 |
| 1983 | 424,194 | 7,088,769 | 4,695,499 | 360,551 |
| 1984 | 422,245 | 7,604,199 | 4,980,484 | 387,300 |
| 1985 | 427,572 | 8,060,406 | 5,284,942 | 415,544 |
| 1986 | 426,532 | 8,370,257 | 5,493,138 | 437,263 |
| 1987 | 468,363 | 10,147,149 | 7,170,035 | 556,135 |
| 1988 | 483,913 | 11,504,190 | 8,387,106 | 658,879 |
| 1989 | 510,512 | 13,091,785 | 9,540,367 | 729,649 |
| 1990 | 520,785 | 13,958,079 | 10,260,825 | 794,478 |
| 1991 | 527,993 | 14,648,266 | 10,745,622 | 840,485 |
| 1992 | 531,758 | 15,284,606 | 11,117,647 | 877,623 |
| 1993 | 532,533 | 15,307,960 | 11,178,223 | 884,048 |
| 1994 | 545,715 | 15,951,730 | 11,617,978 | 923,601 |
| 1995 | 521,194 | 15,307,772 | 11,115,466 | 883,119 |
| 1996 | 523,967 | 15,966,451 | 11,510,879 | 917,117 |
| 1997 | 514,563 | 16,651,182 | 12,245,720 | 983,677 |
| 1998 | 516,582 | 17,212,238 | 12,734,546 | 1,027,478 |
| 1999 | 517,178 | 18,276,952 | 13,760,031 | 949,346 |
| 2000 | 522,132 | 19,086,936 | 14,281,311 | 996,891 |
| 2001 | 522,741 | 18,815,637 | 14,056,450 | 938,328 |
| 2002 | 523,103 | 19,014,458 | 14,349,573 | 904,879 |
| 2003 | 526,516 | 19,886,764 | 15,082,448 | 959,014 |
| 2004 | 544,202 | 22,819,751 | 17,706,606 | 1,149,431 |
| 2005 | 554,563 | 24,910,803 | 19,370,582 | 1,274,707 |

1/ Beginning in 1998, includes returns with negative AGI. Prior to 1998, the category was footnoted as 'exclusive of losses' to indicate returns with negative AGI were excluded.

Source: Hawaii State Department of Taxation, *Hawaii Income Patterns Individuals* (annual), Table 1 (1958 - 2004) and Table A1 (2005) and for 1994-2005 <<http://www.state.hi.us/tax/taxreports.html>> accessed March 13, 2008.

**Table 9.28-- NONRESIDENT INDIVIDUAL STATE INCOME TAX RETURNS:
TAX YEARS 1958 TO 2005**

| Year income was received | Number of nonresident returns | Hawaii adjusted gross income 1/ (\$1,000) | Taxable income (\$1,000) | Tax liability (\$1,000) |
|---------------------------------|--------------------------------------|--|---------------------------------|--------------------------------|
| 1958 | 2,042 | 7,032 | 4,486 | 215 |
| 1959 | 2,857 | 9,455 | 5,834 | 265 |
| 1960 | 3,796 | 11,273 | 6,237 | 319 |
| 1961 | 4,181 | 13,141 | 4,512 | 307 |
| 1962 | 4,581 | 14,466 | 7,273 | 329 |
| 1963 | 4,668 | 14,779 | 4,838 | 342 |
| 1964 | 5,653 | 18,220 | 8,942 | 428 |
| 1965 | 16,713 | 25,433 | 11,432 | 514 |
| 1966 | 13,216 | 36,534 | 16,376 | 850 |
| 1967 | 14,595 | 44,495 | 22,124 | 1,123 |
| 1968 | 17,623 | 54,501 | 27,622 | 1,420 |
| 1969 | 21,174 | 69,168 | 37,459 | 1,918 |
| 1970 | 21,709 | 72,632 | 38,038 | 1,987 |
| 1971 | 19,360 | 67,671 | 34,611 | 1,810 |
| 1972 | 20,066 | 70,777 | 35,010 | 1,983 |
| 1973 | 21,091 | 83,709 | 41,577 | 2,443 |
| 1974 | 19,723 | 80,306 | 41,041 | 2,401 |
| 1975 | 20,479 | 86,345 | 43,365 | 2,557 |
| 1976 | 18,844 | 79,016 | 40,971 | 2,519 |
| 1977 | 19,120 | 27,853 | 43,919 | 2,756 |
| 1978 | 21,535 | 126,005 | 66,423 | 3,969 |
| 1979 | 21,109 | 97,857 | 53,079 | 3,085 |
| 1980 | 20,547 | 124,382 | 68,021 | 4,604 |
| 1981 | 19,220 | 125,460 | 63,493 | 4,209 |
| 1982 | 18,734 | 117,704 | 59,774 | 4,206 |
| 1983 | 18,269 | 141,569 | 76,856 | 5,397 |
| 1984 | 18,253 | 146,749 | 76,531 | 5,253 |
| 1985 | 19,761 | 152,493 | 83,007 | 5,958 |
| 1986 | 19,750 | 158,694 | 85,946 | 6,023 |
| 1987 | 24,019 | 248,057 | 153,184 | 10,587 |
| 1988 | 27,942 | 359,460 | 246,336 | 17,677 |
| 1989 | 28,335 | 348,697 | 235,916 | 15,939 |
| 1990 | 34,842 | 620,995 | 465,934 | 33,863 |
| 1991 | 37,192 | 487,673 | 330,025 | 22,703 |
| 1992 | 38,309 | 414,858 | 244,432 | 24,294 |
| 1993 | 37,657 | 472,539 | 323,031 | 22,373 |
| 1994 | 38,986 | 514,754 | 362,145 | 26,152 |
| 1995 | 34,651 | 420,322 | 293,600 | 20,302 |
| 1996 | 32,407 | 408,173 | 287,062 | 20,695 |
| 1997 | 48,183 | 526,607 | (2/) | 49,166 |
| 1998 | 48,815 | 494,790 | (2/) | 53,546 |
| 1999 | 49,545 | 564,958 | 685,077 | 44,132 |
| 2000 | 52,742 | 1,041,679 | 1,109,114 | 61,339 |
| 2001 | 52,429 | 744,438 | 789,217 | 49,897 |
| 2002 | 55,189 | 747,868 | 854,137 | 51,918 |
| 2003 | 58,416 | 977,389 | 1,077,268 | 67,263 |
| 2004 | 61,860 | 1,375,671 | 1,429,947 | 92,175 |
| 2005 | 67,586 | 2,033,074 | 2,013,637 | 134,034 |

1/ Beginning in 1998, includes returns with negative AGI. Prior to 1998, the category was footnoted as "exclusive of losses" to indicate returns with negative AGI were excluded.

2/ Hawaii Taxable Income not on N-15 Return.

Source: Hawaii State Department of Taxation, *Hawaii Income Patterns Individuals* (annual), Table 3 (1958- 2004) and Table A3 (2005) and for 1994-2005 <http://www.hawaii.gov/tax/a5_5ind_inc.htm> accessed March 13, 2008.

Table 9.29-- SOURCES OF INCOME REPORTED BY ELDERLY AND ALL OTHER RESIDENT TAXPAYERS: TAX YEAR 2004 AND 2005

[In thousands of dollars. Use of federal amounts for income sources was necessary as there is no detailed information on income sources on the Hawaii Form N-11 used by most residents]

| Source of Income | Total | Elderly | All others |
|---|------------|-----------|------------|
| 2004 | | | |
| Salaries and wages | 17,490,299 | 836,578 | 16,653,721 |
| Taxable dividends | 360,226 | 183,123 | 177,103 |
| Interest | 341,741 | 179,398 | 162,343 |
| Sole proprietorships | 851,369 | 92,897 | 758,472 |
| Capital assets and other property | 1,203,951 | 452,772 | 751,179 |
| Rents and royalties | 84,511 | 103,513 | -19,002 |
| Partnerships | 534,077 | 63,434 | 470,643 |
| Estates and trusts | 47,733 | 26,743 | 20,990 |
| Pensions and annuities | 2,219,778 | 1,463,072 | 756,706 |
| Taxable IRA payouts | 349,353 | 218,862 | 130,491 |
| Taxable Social Security | 554,092 | 478,346 | 75,746 |
| All other sources | 1,488,359 | 270,416 | 1,217,943 |
| Total reportable income for Federal purposes | 25,525,489 | 4,369,154 | 21,156,335 |
| Plus: Items taxed by Hawaii but not federal 1/ | 532,858 | 68,384 | 464,474 |
| Less: Items taxed by federal but not by Hawaii 2/ | 2,908,619 | 2,017,152 | 891,467 |
| Total reportable income for Hawaii purposes | 23,149,728 | 2,420,386 | 20,729,342 |
| 2005 | | | |
| Salaries and wages | 20,478,691 | 1,404,472 | 19,074,219 |
| Taxable dividends | 426,017 | 223,890 | 202,127 |
| Interest | 397,104 | 196,505 | 200,599 |
| Sole proprietorships | 906,471 | 103,780 | 802,691 |
| Capital assets and other property | 1,729,695 | 660,611 | 1,069,084 |
| Rents and royalties | 104,315 | 115,043 | -10,728 |
| Partnerships | 709,987 | 114,730 | 595,257 |
| Estates and trusts | 61,378 | 34,081 | 27,297 |
| Pensions and annuities | 2,176,152 | 1,438,567 | 737,585 |
| Taxable IRA payouts | 367,419 | 240,407 | 127,012 |
| Taxable Social Security | 580,227 | 503,551 | 76,676 |
| All other sources 3/ | 62,441 | -37,962 | 100,403 |
| Total reportable income for Federal purposes | 27,999,897 | 4,997,675 | 23,002,222 |
| Plus: Items taxed by Hawaii but not federal 1/ | 523,240 | 67,430 | 455,810 |
| Less: Items taxed by federal but not by Hawaii 2/ | 3,278,684 | 2,190,427 | 1,088,257 |
| Total reportable income for Hawaii purposes | 25,244,453 | 2,874,678 | 22,369,775 |

1/ Includes COLA for federal employees, Employee retirement contributions of state and county employees, and interest from municipal bonds.

2/ Includes Social security benefits, most pensions, and interest on federal bonds.

3/ Includes unemployment, tax refund income and miscellaneous and unknown income.

Source: Hawaii State Department of Taxation, *Hawaii Income Patterns Individuals* (annual), table 9, <http://www.state.hi.us/tax/a5_5ind_inc.htm>, Department of Taxation unpublished detail and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.30-- SOURCES OF INCOME REPORTED BY NONRESIDENT
TAXPAYERS: TAX YEARS 1999 TO 2005**

[In thousands of dollars]

| Year | Total | Salaries and wages | Interest | Ordinary dividends | Capital assets/ other property | Rents, royalties, partner- ships, S corp., estates & trusts | All other sources |
|-------------|--------------|-------------------------------|-----------------|-------------------------------|---|--|------------------------------|
| 1999 | 585,507 | 465,300 | 22,253 | 6,484 | 180,086 | 65,494 | -154,110 |
| 2000 | 1,068,694 | 537,628 | 26,650 | 10,642 | 303,511 | 229,352 | -39,089 |
| 2001 | 768,756 | 560,450 | 20,456 | 6,727 | 231,958 | 41,672 | -92,507 |
| 2002 | 776,935 | 574,547 | 23,657 | 5,846 | 224,685 | 60,020 | -111,820 |
| 2003 | 1,009,463 | 609,472 | 26,659 | 7,310 | 381,082 | 80,640 | -95,700 |
| 2004 | 1,407,217 | 651,388 | 37,757 | 8,774 | 712,124 | 81,568 | -84,394 |
| 2005 | 2,071,899 | 744,285 | 39,257 | 10,301 | 1,101,584 | 104,315 | 72,157 |

Source: Hawaii State Department of Taxation, *Hawaii Income Patterns Individuals* (annual) and <http://hawaii.gov/tax/a5_5ind_inc.htm> accessed March 13, 2008.

Table 9.31-- STATE INCOME TAX RESIDENT RETURNS ON INCOME RECEIVED DURING 2005, BY ADJUSTED GROSS INCOME CLASS

| Adjusted gross income class | Number of returns | Adjusted gross income 1/ (dollars) | Taxable income (dollars) | Tax liability (dollars) |
|-----------------------------|-------------------|------------------------------------|--------------------------|-------------------------|
| All resident returns | 554,563 | 24,910,802,888 | 19,370,582,268 | 1,274,706,986 |
| Taxable resident returns | 459,649 | 24,817,167,718 | 19,370,582,268 | 1,274,706,986 |
| Under \$5,000 | 24,728 | 82,320,217 | 34,331,571 | 572,495 |
| \$5,000, under \$10,000 | 40,877 | 304,486,903 | 177,738,692 | 5,035,440 |
| \$10,000, under \$20,000 | 76,933 | 1,152,892,788 | 808,566,929 | 34,741,828 |
| \$20,000, under \$30,000 | 72,211 | 1,800,965,437 | 1,364,153,408 | 71,636,243 |
| \$30,000, under \$40,000 | 55,353 | 1,922,392,933 | 1,474,329,577 | 84,825,893 |
| \$40,000, under \$50,000 | 39,434 | 1,765,680,501 | 1,333,799,750 | 80,057,605 |
| \$50,000, under \$75,000 | 65,469 | 4,034,336,707 | 2,990,159,936 | 187,372,907 |
| \$75,000, under \$100,000 | 36,669 | 3,166,806,767 | 2,365,522,956 | 155,381,470 |
| \$100,000, under \$150,000 | 28,833 | 3,443,684,999 | 2,651,591,924 | 184,356,267 |
| \$150,000, under \$200,000 | 8,067 | 1,373,347,440 | 1,105,183,851 | 80,666,325 |
| \$200,000 and over | 11,075 | 5,770,253,026 | 5,065,203,674 | 390,060,513 |
| Nontaxable resident returns | 94,914 | 93,635,170 | (X) | (X) |
| Loss | 9,780 | -286,715,090 | (X) | (X) |
| Under \$5,000 | 65,030 | 75,765,013 | (X) | (X) |
| \$5,000, under \$10,000 | 9,369 | 65,199,875 | (X) | (X) |
| \$10,000 and over | 10,735 | 239,385,372 | (X) | (X) |

X Not applicable.

1/ Includes returns with negative adjusted gross income.

Source: Hawaii State Department of Taxation, *Hawaii Income Patterns, Individuals, 2005*, table A1
 <<http://www.state.hi.us/tax/pubs/05indinc.pdf>> accessed March 13, 2008.

Table 9.32-- MEDIAN ADJUSTED GROSS INCOME OF RESIDENT STATE INCOME TAX RETURNS, BY TYPE OF RETURN, 1982 TO 2005, AND BY COUNTY, 2005

[In dollars]

| Year income was received | Taxable and nontaxable returns 1/ | | | Taxable returns only | | |
|--------------------------|-----------------------------------|--------|----------|----------------------|--------|----------|
| | All returns | Joint | Other 2/ | All returns | Joint | Other 2/ |
| 1982 | 11,178 | 23,737 | 6,080 | 15,466 | 27,285 | 9,636 |
| 1983 | 11,297 | 25,047 | 6,432 | 15,937 | 29,076 | 10,009 |
| 1984 | 12,035 | 25,290 | 6,858 | 16,565 | 28,935 | 10,540 |
| 1985 | 12,488 | 25,838 | 7,087 | 17,124 | 29,870 | 10,710 |
| 1986 | 12,941 | 26,576 | 7,768 | 17,747 | 31,755 | 11,557 |
| 1987 | 13,252 | 29,036 | 7,709 | 17,977 | 34,063 | 11,131 |
| 1988 | 14,749 | 31,787 | 8,910 | 18,956 | 36,706 | 12,452 |
| 1989 | 15,614 | 34,581 | 9,382 | 20,502 | 39,305 | 13,748 |
| 1990 | 16,297 | 35,355 | 10,351 | 21,250 | 40,924 | 14,286 |
| 1991 | 17,737 | 37,709 | 11,607 | 22,502 | 43,322 | 15,321 |
| 1992 | 18,042 | 38,707 | 11,909 | 23,462 | 45,138 | 16,389 |
| 1993 | 18,504 | 39,838 | 11,913 | 24,196 | 46,222 | 17,296 |
| 1994 | 18,827 | 39,782 | 12,070 | 25,265 | 46,778 | 17,922 |
| 1995 | 19,602 | 39,147 | 13,401 | 25,277 | 46,714 | 18,439 |
| 1996 | 19,834 | 39,079 | 13,217 | 25,393 | 47,505 | 18,294 |
| 1997 | 20,866 | 41,750 | 13,671 | 26,475 | 48,865 | 18,475 |
| 1998 | 21,065 | 42,534 | 13,944 | 26,838 | 50,147 | 18,615 |
| 1999 | 21,662 | 44,656 | 14,596 | 27,445 | 52,085 | 18,969 |
| 2000 | 22,157 | 46,636 | 14,764 | 27,948 | 54,353 | 19,352 |
| 2001 | 22,626 | 46,012 | 15,649 | 28,159 | 53,899 | 19,809 |
| 2002 | 22,757 | 46,853 | 15,707 | 28,881 | 55,554 | 20,219 |
| 2003 | 23,533 | 47,966 | 16,483 | 29,920 | 58,011 | 21,140 |
| 2004 | 24,704 | 51,351 | 17,116 | 31,064 | 60,776 | 21,719 |
| 2005 | 25,826 | 53,304 | 17,829 | 32,371 | 63,439 | 22,949 |
| COUNTY: 2005 | | | | | | |
| Oahu | 25,992 | 54,562 | 17,635 | 32,838 | 64,936 | 22,926 |
| Maui | 27,435 | 54,962 | 20,149 | 32,730 | 62,932 | 24,066 |
| Hawaii | 23,770 | 47,115 | 16,750 | 29,977 | 58,318 | 22,109 |
| Kauai | 24,675 | 49,913 | 17,729 | 31,947 | 59,233 | 21,841 |

1/ Includes returns with adjusted gross income losses.

2/ Includes single, married filing separately, heads of households, and qualifying surviving spouses.

Source: Hawaii State Department of Taxation, *Hawaii Income Patterns, Individuals* (annual) and <<http://www.state.hi.us/tax/taxreports.html>> accessed March 13, 2008.

Table 9.33-- TAX CREDITS CLAIMED, BY TYPE OF CREDIT AND BY TYPE OF TAXPAYER: 2005

[In dollars]

| Type of credit | Total | Individuals | Corporations | Financial corporations | Insurance underwriters | Fiduciaries | Exempt organizations |
|-----------------------------------|-------------|-------------|--------------|------------------------|------------------------|-------------|----------------------|
| Total | 199,939,471 | 109,891,545 | 53,465,922 | 7,387,020 | 26,130,743 | 2,917,994 | 146,247 |
| Low-income | 7,535,925 | 7,535,925 | - | - | - | - | - |
| Renter's | 5,762,650 | 5,762,650 | - | - | - | - | - |
| Dependent care | 8,857,085 | 8,857,085 | - | - | - | - | - |
| Child car seat | 101,950 | 101,950 | - | - | - | - | - |
| Capital goods excise | 23,522,063 | 6,107,472 | 14,659,282 | 2,685,353 | - | 60,012 | 9,944 |
| Fuel credit for fishing | 62,603 | 55,295 | 7,308 | - | - | - | - |
| Motion picture | 2,177,956 | 646,300 | 1,531,654 | - | - | 2 | - |
| Hotel remodeling | 15,318,215 | 2,007,754 | 13,261,261 | - | - | 49,200 | - |
| Energy conservation | 422,066 | 345,329 | 76,737 | - | - | - | - |
| Renewable energy technologies | 2,615,387 | 2,614,825 | - | - | - | 562 | - |
| Vocational rehabilitation job | 9,331 | 4,108 | 5,223 | - | - | - | - |
| Enterprise zone | 1,558,853 | 823,758 | 735,095 | - | - | - | - |
| High technology | 70,000,770 | 38,285,058 | 3,428,405 | 2,286,892 | 25,293,046 | 700,845 | 6,524 |
| Technology infrastructure | 19,900 | 1,360 | 18,540 | - | - | - | - |
| Taxes paid to other jurisdictions | 34,580,716 | 32,477,679 | - | - | - | 2,103,037 | - |
| Low-income housing | 5,428,604 | 44,235 | 2,131,897 | 2,414,775 | 837,697 | - | - |
| Residential remodeling | 7,874,760 | 2,503,215 | 5,370,783 | - | - | 762 | - |
| School repair & maintenance | 4,317 | 317 | 4,000 | - | - | - | - |
| Research activities | 13,237,569 | 1,008,432 | 12,095,784 | - | - | 3,574 | 129,779 |
| Drought mitigation | 14,595 | 2,785 | 11,810 | - | - | - | - |
| Other refundable 1/ | 706,013 | 706,013 | - | - | - | - | - |
| Lifeline telephone service | 128,143 | - | 128,143 | - | - | - | - |

1/ Includes the tax credit from a regulated investment company, the tax credit for the pro rata share of taxes withheld and paid by a partnership, estate, trust, or S corporation on the sale of Hawaii real property interests, and individual development account contribution tax credit. The table reflects an unpublished clarification by the Hawaii Department of Taxation.

Source: Hawaii State Department of Taxation, *Tax Credits Claimed by Hawaii Taxpayers: 2005* (January 2008), p. 27
 <<http://www.state.hi.us/tax/pubs/2005credit.pdf>> accessed March 13, 2008 and records.

**Table 9.34-- GENERAL EXCISE AND USE TAX BASE AND COLLECTIONS:
2006 AND 2007**

[In thousands of dollars. Data are on a cash basis accounting and may be distorted on a monthly basis, primarily due to cutoffs and out-of-period adjustments]

| Source of revenue | Tax base | | Tax collections | |
|---------------------------------|------------|------------|-----------------|-----------|
| | 2006 1/ | 2007 | 2006 1/ | 2007 |
| All sources | 81,256,019 | 84,499,454 | 2,457,379 | 2,623,514 |
| Sources taxed at 4 percent | 57,652,088 | 60,544,415 | 2,306,084 | 2,421,777 |
| Retailing | 25,194,277 | 26,448,776 | 1,007,771 | 1,057,951 |
| Services | 10,724,839 | 11,197,746 | 428,994 | 447,910 |
| Contracting | 7,223,334 | 8,072,912 | 288,933 | 322,916 |
| Theater, amusement, radio, etc. | 336,358 | 343,395 | 13,454 | 13,736 |
| Interest | 261,097 | 361,196 | 10,444 | 14,448 |
| Commissions | 1,304,712 | 1,237,583 | 52,188 | 49,503 |
| Hotel rentals | 3,453,259 | 3,406,579 | 138,130 | 136,263 |
| All other rentals | 5,597,448 | 5,765,256 | 223,898 | 230,610 |
| Use | 985,098 | 957,790 | 39,404 | 38,312 |
| All others | 2,571,666 | 2,753,181 | 102,867 | 110,127 |
| Sources taxed at other rates 2/ | 23,603,931 | 23,955,039 | 115,988 | 117,676 |
| Insurance solicitors | 580,481 | 599,651 | 871 | 899 |
| Sugar processing | 346 | - | 2 | - |
| Pineapple canning | 19,253 | - | 96 | - |
| Producing | 480,012 | 475,827 | 2,400 | 2,379 |
| Manufacturing | 781,626 | 766,208 | 3,908 | 3,831 |
| Wholesaling | 13,351,012 | 13,903,196 | 66,755 | 69,516 |
| Services (intermediary) | 714,303 | 681,671 | 3,572 | 3,408 |
| Use | 7,676,898 | 7,528,487 | 38,384 | 37,642 |
| Unallocated net collections | (3/) | (3/) | 35,307 | 84,061 |

1/ 2006 data, except for "Tax Collections, All sources" have been revised from previous *Data Book*.

2/ Insurance solicitors at 0.15 percent; others at 0.5 percent.

3/ This report reflects the tax bases for only allocated collections. The base for the unallocated net collections cannot be determined due to differing tax rates which may be applicable.

Source: Hawaii State Department of Taxation, "General Excise and Use Tax Base" and "General Excise and Use Tax Collections - Revised" (calendar year summary tables, May 13, 2008 revised) see also

<http://www.state.hi.us/tax/a5_3txcolrpt.htm>.

Table 9.35-- TOBACCO TAX COLLECTIONS: 1994 TO 2007

[In dollars]

| Year | Cigarettes 1/ | Other tobacco products 2/ |
|------|---------------|---------------------------|
| 1994 | 33,424,978 | 2,802,993 |
| 1995 | 34,683,672 | 2,765,172 |
| 1996 | 35,836,158 | 1,805,131 |
| 1997 | 32,878,288 | 2,677,839 |
| 1998 | 35,694,448 | 3,804,475 |
| 1999 | 39,697,383 | 1,996,928 |
| 2000 | 40,777,139 | 2,941,355 |
| 2001 | 61,282,238 | 3,226,138 |
| 2002 | 64,892,154 | 1,863,028 |
| 2003 | 75,760,904 | 1,715,058 |
| 2004 | 81,615,862 | 1,768,561 |
| 2005 | 83,630,255 | 2,328,665 |
| 2006 | 85,006,267 | 5,403,122 |
| 2007 | 97,087,696 | 2,972,626 |

1/ The rate per cigarette was changed on July 1, 1993 to \$0.03 (Act 220; SLH 1993); on September 1, 1997 to \$0.04; on July 1, 1998 to \$0.05; and on September 30, 2002 to \$0.06.

2/ Other [than cigarettes] tobacco products are taxed at 40 percent of wholesale value; see HRS, 1985 Replacement, section 245-3.

Source: Hawaii State Department of Taxation, "Tobacco Tax Collections and Licenses" (annual calendar year summary) <http://www.hawaii.gov/tax/a5_3txcolrptarchive.htm> accessed March 28, 2008.

Table 9.36-- LIQUOR TAX COLLECTIONS: 1990 TO 2007

[In thousands of dollars. Includes penalties and interest and permit fees. Definitions and rates are as specified in Hawaii Revised Statutes Chapter 244D, and as amended]

| Year | Total | Year | Total |
|-------------|--------------|-------------|--------------|
| 1990 | 42,094 | 1999 | 37,139 |
| 1991 | 40,125 | 2000 | 39,887 |
| 1992 | 40,983 | 2001 | 39,379 |
| 1993 | 38,286 | 2002 | 38,497 |
| 1994 | 38,753 | 2003 | 42,149 |
| 1995 | 37,486 | 2004 | 43,426 |
| 1996 | 38,624 | 2005 | 43,594 |
| 1997 | 38,624 | 2006 | 47,001 |
| 1998 1/ | 38,361 | 2007 | 44,705 |

1/ Beginning July 1, 1998, tax rates per wine gallon are \$5.98 on distilled spirits, \$2.12 on sparkling wine, \$1.38 on still wine, \$0.85 on cooler beverages, \$0.93 on beer other than draft beer, and \$0.54 on draft beer.

Source: Hawaii State Department of Taxation, "Liquor Tax Collections and Permits" (annual calendar year summary) <http://www.hawaii.gov/tax/a5_3txcolrptarchive.htm> accessed March 28, 2008.

Table 9.37-- STATE AND LOCAL SALES TAX REVENUE LOSSES FROM E-COMMERCE FOR THE UNITED STATES AND HAWAII: 2003 AND 2008

[In millions of dollars unless otherwise specified. Estimates of losses due to jurisdiction's inability to collect taxes on sales via the Internet. See source for discussion of assumptions]

| Tax revenue losses | Low-growth scenario | | High-growth scenario | |
|--|---------------------|----------|----------------------|----------|
| | Total | New 1/ | Total | New 1/ |
| 2003 | | | | |
| Total state and local | | | | |
| U.S. (including Dist.of Columbia) | 15,455.8 | 8,148.0 | 16,106.1 | 8,473.6 |
| Hawaii | 112.6 | 59.4 | 117.3 | 61.7 |
| 2008 | | | | |
| Total state and local | 21,535.6 | 11,801.8 | 33,677.8 | 17,872.9 |
| State | 17,800.1 | (X) | 27,835.7 | (X) |
| Local | 3,735.4 | (X) | 5,841.4 | (X) |
| Hawaii state and local | 157.0 | 86.0 | 245.5 | 130.3 |
| State | 157.0 | (X) | 245.5 | (X) |
| Local | - | (X) | - | (X) |
| State (as percent of total 2003 collections) | | | | |
| U.S. (excluding Dist. of Columbia) | 3.3 | (X) | 5.2 | (X) |
| Hawaii | 4.4 | (X) | 6.9 | (X) |

X Not applicable.

1/ Estimates tax revenue losses due to untaxed sales that would not have occurred except for the Internet.

Source: Donald Bruce and William F. Fox, "State and Local Sales Tax Revenue Losses from E-Commerce: Estimates as of July 2004," Center for Business and Economic Research, College of Business Administration, University of Tennessee <<http://cber.bus.utk.edu/ecomm/Ecom0704.pdf>> accessed February 8, 2005; and calculations by Hawaii Department of Business, Economic Development & Tourism.

Table 9.38-- REAL PROPERTY TAX VALUATIONS: 1986 TO 2008

[In thousands of dollars. For fiscal year ending June 30. Government parcels assessed at \$1, 1985-1987, and at 100 percent thereafter]

| Year 1/ | Assessor's gross valuation 2/ | | | Valuation for tax rate purposes |
|---------|-------------------------------|------------|-------------|---------------------------------|
| | Total | Land | Improvement | |
| 1986 | 51,231,020 | 25,507,708 | 25,723,312 | 43,581,421 |
| 1987 | 52,814,463 | 26,442,872 | 26,371,591 | 45,222,885 |
| 1988 | 54,655,038 | 27,396,477 | 27,258,561 | 46,629,959 |
| 1989 | 67,628,063 | 36,730,370 | 30,897,693 | 50,219,249 |
| 1990 | 76,926,745 | 42,778,927 | 34,147,818 | 57,526,564 |
| 1991 | 99,942,540 | 61,554,968 | 38,387,572 | 71,080,524 |
| 1992 | 132,952,299 | 88,359,248 | 44,593,051 | 95,943,417 |
| 1993 | 130,733,131 | 84,299,686 | 46,433,445 | 111,593,106 |
| 1994 | 136,239,310 | 87,785,946 | 48,453,364 | 115,954,097 |
| 1995 | 137,202,083 | 86,552,575 | 50,649,508 | 116,389,670 |
| 1996 | 136,153,769 | 84,102,966 | 52,050,803 | 115,115,001 |
| 1997 | 135,073,354 | 82,035,301 | 53,038,053 | 114,303,125 |
| 1998 | 131,536,224 | 78,049,699 | 53,486,525 | 110,955,447 |
| 1999 | 125,412,154 | 72,253,741 | 53,158,413 | 105,184,585 |
| 2000 | 120,687,029 | 67,673,347 | 53,013,682 | 100,906,373 |
| 2001 | 118,929,005 | 65,241,123 | 53,687,882 | 98,984,387 |
| 2002 | 123,394,937 | 66,563,433 | 56,831,504 | 103,313,817 |
| 2003 | 131,562,028 | 69,116,128 | 62,445,900 | 110,384,134 |
| 2004 | 141,029,581 | 73,014,576 | 68,015,005 | 119,254,215 |
| 2005 | 162,787,538 | (3/) | (3/) | 138,383,238 |
| 2006 | 199,525,855 | (3/) | (3/) | 171,105,210 |
| 2007 | 254,954,333 | (3/) | (3/) | 220,731,778 |
| 2008 | 292,830,383 | (3/) | (3/) | 253,358,852 |

1/ Assessed value as of January 1 for Hawaii, Kauai, and Maui counties through 2003; for the City and County of Honolulu only through 1996, October 1 for 1997 to 2003. Assessed value for 2004 as of January 30, 2003 for Honolulu, April 17, 2003 for Maui, June 6, 2003 for Hawaii, and May 27, 2003 for Kauai. Assessed value for 2005, as of June 22, 2004 for all counties. Assessed value for 2006 as of January 31, 2005 for Honolulu, June 14, 2005 for Maui, April 16, 2005 for Hawaii, and April 26, 2005 for Kauai. Assessed value for 2007 as of January 31, 2006 for Honolulu, June 29, 2006 for Maui, April 18, 2006 for Hawaii, and June 30, 2006 for Kauai. There is no indication of 'assessed value' date in the 2008 report.

2/ Beginning in 1992, values shown for gross valuation exclude nontaxable properties.

3/ As of the 2004-2005, Statewide detail no longer available separately as the City and County of Honolulu consolidated 'Land' and 'Improvement' into the single category 'Property'.

Source: City and County of Honolulu, Department of Budget & Fiscal Services, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates, & Exemptions, 2007-2008 Tax Year, State of Hawaii* (August 2007) and <http://www.co.honolulu.hi.us/rpa/staterpt/07_state.pdf> accessed October 17, 2007 and earlier reports, and reports as the Department of Finance.

**Table 9.39-- REAL PROPERTY TAX VALUATIONS FOR THE STATE,
2005 TO 2008, AND BY COUNTY, 2008**

[In thousands of dollars. For fiscal year ending June 30. Gross valuations exclude nontaxable (government) properties]

| Subject | 2005 | 2006 | 2007 | 2008 |
|----------------------------------|-----------------|-------------|---------------|--------------|
| Assessor's gross valuation 1/ 2/ | 162,787,538 | 199,525,855 | 254,954,333 | 292,830,383 |
| Land | (3/) | (3/) | (3/) | (3/) |
| Improvement | (3/) | (3/) | (3/) | (3/) |
| Exemptions 1/ | 22,633,043 | 26,924,700 | 32,072,225 | 37,040,299 |
| Assessor's net taxable valuation | 140,154,495 | 172,601,155 | 222,882,108 | 255,790,740 |
| Half of valuation on appeal | 1,771,360 | 1,462,181 | 2,150,330 | 2,431,924 |
| Number of appeals | 4,929 | 5,571 | 8,479 | 10,922 |
| Valuation for tax rate purposes | 138,383,238 | 171,139,077 | 220,731,778 | 253,358,852 |
| Land | (3/) | (3/) | (3/) | (3/) |
| Improvement | (3/) | (3/) | (3/) | (3/) |
| Amount to be raised by taxation | 812,043 | 968,326 | 1,183,804 | 1,315,350 |
| 2008, by county | Honolulu | Maui | Hawaii | Kauai |
| Assessor's gross valuation 1/ 2/ | 191,491,948 | 49,928,888 | 30,723,279 | 20,686,268 |
| Land | (3/) | 27,755,267 | 16,464,802 | 12,614,404 |
| Improvement | (3/) | 22,173,621 | 14,258,477 | 8,071,864 |
| Exemptions 1/ | 22,740,584 | 8,247,269 | 4,356,279 | 1,696,167 |
| Assessor's net taxable valuation | 168,751,364 | 41,682,311 | 26,367,000 | 18,990,101 |
| Half of valuation on appeal | 1,726,634 | 514,590 | 99,515 | 91,185 |
| Number of appeals | 7,462 | 2,638 | 488 | 334 |
| Valuation for tax rate purposes | 167,024,730 | 41,167,721 | 26,267,485 | 18,898,916 |
| Land | (3/) | 24,024,648 | 15,501,850 | 11,959,805 |
| Improvement | (3/) | 17,143,073 | 10,765,635 | 6,939,111 |
| Amount to be raised by taxation | 790,164 | 215,963 | 208,509 | 100,714 |

1/ Beginning in 1992, data exclude nontaxable properties.

2/ Assessed value for 2004 as of January 30, 2003 for Honolulu, April 17, 2003 for Maui, June 6, 2003 for Hawaii, and May 27, 2003 for Kauai. Assessed value for 2005, as of June 22, 2004 for all counties. Assessed value for 2006 as of January 31, 2005 for Honolulu, June 14, 2005 for Maui, April 16, 2005 for Hawaii, and April 26, 2005 for Kauai. Assessed value for 2007 as of January 31, 2006 for Honolulu, June 29, 2006 for Maui, April 18, 2006 for Hawaii, and June 30, 2006 for Kauai. There are no 'assessed value' dates in the 2008 report.

3/ As of the 2004 - 2005 report, Statewide detail no longer available separately as the City and County of Honolulu consolidated 'Land' and 'Improvement' into the single category 'Property'.

Source: City and County of Honolulu, Department of Budget & Fiscal Services, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates, & Exemptions, 2007-2008 Tax Year, State of Hawaii* (August 2007) and <<http://www.co.honolulu.hi.us/rpa/staterpt/index1.htm>> accessed October 16, 2007 and earlier reports, and reports as the Department of Finance.

Table 9.40-- REAL PROPERTY TAX EXEMPTIONS, BY TYPE: 2007 AND 2008

[For fiscal year ending June 30]

| Type of exemption | 2007 | | 2008 | |
|-----------------------------------|---------|------------------------|---------|------------------------|
| | Number | Amount 1/ (\$1,000) | Number | Amount 1/ (\$1,000) |
| All exemptions, Statewide | 249,563 | 60,974,441 | 253,908 | 67,714,218 |
| Federal government | 591 | 6,874,376 | 593 | 7,157,915 |
| State government | 8,042 | 14,788,063 | 8,521 | 16,223,456 |
| County government | 3,632 | 5,549,834 | 3,637 | 6,176,526 |
| Government leases - total | 147 | 92,805 | 146 | 97,449 |
| Government leases - portion | 113 | 40,286 | 125 | 56,112 |
| Hawaiian Homes Commission | 1,844 | 638,520 | 1,656 | 713,943 |
| Hawaiian Homes Land - basic | 1,037 | 125,822 | 874 | 112,449 |
| Hawaiian Homes Land - multiple | 132 | 10,815 | 461 | 61,788 |
| Hawaiian Homes Land - total land | 3,739 | 1,215,169 | 4,008 | 1,492,632 |
| Hawaiian Homes Land - vacant land | 162 | 24 | 162 | 24 |
| Hawaiian Homes - 7 year | 816 | 230,608 | 597 | 210,632 |
| Homes - fee (basic) | 93,316 | 8,641,988 | 124,991 | 13,223,712 |
| Homes - fee (multiple) | 105,922 | 11,890,526 | 78,418 | 10,346,010 |
| Homes - leasehold (basic) | 2,924 | 189,818 | 3,724 | 351,249 |
| Homes - leasehold (multiple) | 5,154 | 600,106 | 3,467 | 489,471 |
| Additional home exemption | 2,433 | 133,679 | 2,201 | 120,953 |
| Additional income exemption | - | - | - | - |
| Blind | 447 | 12,689 | 453 | 12,237 |
| Deaf | 162 | 4,045 | 158 | 4,002 |
| Leprosy | 6 | 175 | 6 | 175 |
| Totally disabled | 6,082 | 173,304 | 6,217 | 178,347 |
| Totally disabled veterans | 1,197 | 563,216 | 1,292 | 676,276 |
| Cemeteries | 111 | 61,925 | 110 | 64,540 |
| Charitable organizations | 1,225 | 1,710,783 | 1,227 | 2,073,624 |
| Childcare | 23 | 1,150 | 23 | 1,150 |
| Churches | 1,484 | 2,120,161 | 1,484 | 2,305,574 |
| Civil - condemnation | 31 | 35,157 | 29 | 32,521 |
| Credit unions | 92 | 107,823 | 102 | 129,547 |
| Crop shelters | 36 | 3,192 | 36 | 3,134 |
| Enterprize Zone | 5 | 5,641 | 4 | 2,383 |
| Foreign consulates | 30 | 34,781 | 30 | 41,949 |
| Forest reserve | 6 | 2,671 | 6 | 2,671 |
| Historic residential properties | 156 | 213,389 | 213 | 283,163 |
| Hospitals | 105 | 675,957 | 100 | 707,868 |
| Landscaping, open-space | 46 | 19,258 | 46 | 24,055 |
| Low-moderate income housing | 326 | 1,252,106 | 319 | 1,268,933 |
| New construction | 119 | 421,684 | 117 | 334,965 |

Continued on next page.

**Table 9.40-- REAL PROPERTY TAX EXEMPTIONS BY TYPE:
2007 AND 2008 -- Con.**

| Type of exemption | 2007 | | 2008 | |
|------------------------|--------|------------------------|--------|------------------------|
| | Number | Amount 1/ (\$1,000) | Number | Amount 1/ (\$1,000) |
| Public utilities | 775 | 1,487,773 | 772 | 1,597,685 |
| Roadways and waterways | 6,405 | 39,063 | 6,454 | 46,255 |
| Safe room | 19 | 760 | 22 | 880 |
| Schools | 181 | 958,024 | 184 | 1,018,413 |
| Setbacks | 7 | 1,186 | 6 | 1,135 |
| Slaughterhouse | 1 | 1,737 | 1 | 2,636 |
| Taro | 36 | 39 | 36 | 39 |
| Tree farm | 12 | 7,988 | 11 | 7,346 |
| Miscellaneous | 24 | 12,085 | 20 | 10,986 |
| Home Use 2% Cap | 410 | 24,242 | 849 | 47,408 |

1/ Includes government parcels at actual value and exemptions on federal leases, if any.

Source: City and County of Honolulu, Department of Budget & Fiscal Services, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates & Exemptions, Tax Year, State of Hawaii* (annual)
<<http://www.co.honolulu.hi.us/rpa/staterpt/index1.htm>> accessed October 16, 2007.

**Table 9.41-- REAL PROPERTY TAX VALUATIONS, BY LAND USE CLASS:
2007 AND 2008**

[In thousands of dollars. For fiscal year ending June 30. Assessed value for 2006, as of January 31, 2005 for Honolulu, June 14, 2005 for Maui, April 16, 2005 for Hawaii, and April 26, 2005 for Kauai. Assessed value for 2007 as of January 31, 2006 for Honolulu, June 29, 2006 for Maui, April 18, 2006 for Hawaii, and June 30, 2006 for Kauai. No indication of 'assessed value' dates for 2008]

| Land use class | Gross valuation 1/ | Net valuation | Valuation for tax rate | To be raised by taxation |
|---|---------------------------|----------------------|-------------------------------|---------------------------------|
| 2007 - All classes | 254,954,333 | 222,882,108 | 220,731,778 | 1,183,804 |
| Improved residential 2/ Apartment | 112,547,732 | 100,494,077 | 99,918,636 | 386,785 |
| Commercial | 48,046,787 | 43,710,867 | 43,420,634 | 189,429 |
| Industrial | 17,156,874 | 15,098,959 | 14,794,408 | 158,443 |
| Industrial | 8,199,187 | 7,851,892 | 7,749,665 | 82,583 |
| Agricultural/native forest | 12,831,771 | 12,128,438 | 11,918,639 | 81,502 |
| Vacant agricultural | 61,965 | 61,965 | 38,547 | 330 |
| Conservation/preservation | 1,510,667 | 1,398,637 | 1,352,631 | 10,148 |
| Hotel/resort | 19,027,374 | 18,852,982 | 18,421,055 | 173,793 |
| Unimproved residential 2/ Homeowner 3/ Single family 4/ Homestead 4/ Public service 5/ Time share 6/ | 2,847,206 | 2,188,634 | 2,138,173 | 14,230 |
| | 20,334,366 | 10,550,855 | 10,511,033 | 36,514 |
| | 5,062,550 | 4,801,252 | 4,777,704 | 19,480 |
| | 5,823,330 | 4,835,692 | 4,828,123 | 18,474 |
| | 596,666 | - | -1,300 | - |
| | 907,858 | 907,858 | 863,830 | 12,093 |
| 2008 - All classes | 292,830,383 | 255,790,740 | 253,358,852 | 1,315,350 |
| Improved residential 2/ Apartment | 128,423,986 | 113,922,684 | 113,291,916 | 409,558 |
| Commercial | 56,653,941 | 51,217,239 | 50,899,888 | 208,086 |
| Industrial | 19,545,101 | 17,181,761 | 16,671,093 | 184,899 |
| Industrial | 9,790,315 | 9,408,713 | 9,294,438 | 102,395 |
| Agricultural/native forest | 14,394,972 | 13,599,414 | 13,400,458 | 88,979 |
| Vacant agricultural | 134,667 | 134,667 | 111,524 | 948 |
| Conservation/preservation | 1,480,128 | 1,364,543 | 1,350,428 | 8,704 |
| Hotel/resort | 21,830,357 | 21,655,324 | 21,234,398 | 203,988 |
| Unimproved residential 2/ Homeowner 3/ Single family 4/ Homestead 4/ Public service 5/ Time share 6/ | 2,201,677 | 1,507,873 | 1,462,785 | 9,271 |
| | 24,469,102 | 13,918,610 | 13,883,545 | 42,139 |
| | 5,758,190 | 5,430,927 | 5,407,935 | 21,736 |
| | 6,349,535 | 5,347,331 | 5,339,196 | 20,490 |
| | 696,758 | - | - | - |
| | 1,101,654 | 1,101,654 | 1,011,248 | 14,157 |

1/ Excludes nontaxable properties.

2/ Excludes Kauai.

3/ Maui and Hawaii only.

4/ Kauai only.

5/ City and County of Honolulu only.

6/ Maui only.

Source: City and County of Honolulu, Department of Budget & Fiscal Services, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates & Exemptions Tax Year, State of Hawaii* (annual) <<http://www.co.honolulu.hi.us/rpa/staterpt/index1.htm>> accessed October 16, 2007.

Table 9.42--MAJOR REAL PROPERTY TAXPAYERS, FOR THE CITY AND COUNTY OF HONOLULU: 2008

[For fiscal year ending June 30]

| Rank | Taxpayer | Original debit 1/ (dollars) | Land area (acres) | Gross assessed value 2/ (dollars) |
|-------------|---------------------------------------|--|------------------------------|--|
| | Top 20 real property taxpayers | 105,373,909 | 97,887.62 | 10,181,459,000 |
| 1 | Kyo-Ya Co. Ltd. | 14,039,070 | 22.71 | 1,133,113,400 |
| 2 | GGP Ala Moana LLC | 12,287,905 | 86.25 | 1,029,974,700 |
| 3 | Bishop Estate | 10,662,593 | 42,249.98 | 1,261,674,300 |
| 4 | Hilton Hawaiian Village | 8,532,461 | 20.12 | 773,111,200 |
| 5 | Outrigger Hotels Hawaii | 7,003,108 | 9.22 | 556,093,700 |
| 6 | Ko Olina Hotel | 6,227,689 | 503.23 | 673,855,600 |
| 7 | First Hawaiian Bank | 5,690,991 | 47.97 | 467,016,300 |
| 8 | James Campbell Estate | 3,721,786 | 13,342.85 | 413,556,900 |
| 9 | Azabu Buildings Co. Ltd. | 3,505,592 | 4.02 | 285,037,700 |
| 10 | Halekulani Corp. | 3,409,105 | 5.39 | 275,836,600 |
| 11 | Marriott Ownership Resorts | 3,403,483 | 33.78 | 274,466,500 |
| 12 | Wal-Mart | 3,222,434 | 73.18 | 259,850,000 |
| 13 | Reynolds, James C. | 3,208,866 | 13.51 | 266,279,800 |
| 14 | W2005 WKI Realty LLC | 3,071,376 | 5.35 | 247,691,600 |
| 15 | Castle & Cooke Properties | 3,066,129 | 38,025.89 | 484,644,200 |
| 16 | Bishop Square Associates | 2,925,477 | 2.92 | 239,337,100 |
| 17 | Weinberg, Harry & Jeanette Foundation | 2,880,993 | 1,973.02 | 300,406,400 |
| 18 | United States of America | 2,879,739 | 1,396.64 | 704,284,300 |
| 19 | Bank of Hawaii | 2,921,708 | 27.11 | 311,009,500 |
| 20 | Watercress Associates | 2,713,404 | 44.46 | 224,219,200 |

1/ Original debit as of July, 2007.

2/ Land and improvements. Assessed valuation as of October 1, 2006. Valuation at 100 percent of market value.

Source: City and County of Honolulu, Department of Budget & Fiscal Services, Real Property Assessment Division, Administration & Technical Branch, records.

Table 9.43-- RESIDENTIAL PROPERTY TAX RATES IN HONOLULU AND THE MEDIAN OF 51 MAJOR CITIES: 1985 TO 2006

| Year | Effective tax rate per \$100 1/ | | | Nominal tax rate per \$100 | Assessment level (percent) |
|------|---------------------------------|----------|---------|----------------------------|----------------------------|
| | Median 2/ | Honolulu | Rank 3/ | | |
| 1985 | (NA) | 0.61 | 50 | 1.06 | 61.2 |
| 1986 | (NA) | 0.60 | 51 | 0.66 | 90.8 |
| 1987 | (NA) | 0.59 | 51 | 0.66 | 89.0 |
| 1988 | (NA) | 0.59 | 51 | 0.66 | 89.0 |
| 1989 | (NA) | 0.64 | 48 | 0.64 | 100.0 |
| 1990 | (NA) | 0.48 | 51 | 0.48 | 100.0 |
| 1991 | (NA) | 0.37 | 51 | 0.37 | 100.0 |
| 1992 | 1.49 | 0.30 | 51 | 0.35 | 84.3 |
| 1993 | (4/) | (4/) | (4/) | (4/) | (4/) |
| 1994 | 1.60 | 0.33 | 51 | 0.35 | 93.4 |
| 1995 | 1.59 | 0.33 | 51 | 0.35 | 93.4 |
| 1996 | 1.54 | 0.33 | 51 | 0.35 | 95.0 |
| 1997 | 1.42 | 0.39 | 51 | 0.39 | 100.0 |
| 1998 | 1.41 | 0.46 | 51 | 0.46 | 100.0 |
| 1999 | 1.55 | 0.37 | 51 | 0.37 | 100.0 |
| 2000 | 1.52 | 0.37 | 51 | 0.37 | 100.0 |
| 2001 | 1.50 | 0.37 | 51 | 0.37 | 100.0 |
| 2002 | 1.54 | 0.37 | 51 | 0.37 | 100.0 |
| 2003 | 1.50 | 0.38 | 51 | 0.38 | 100.0 |
| 2004 | 1.54 | 0.38 | 51 | 0.38 | 100.0 |
| 2005 | 1.50 | 0.38 | 51 | 0.38 | 100.0 |
| 2006 | 1.50 | 0.36 | 51 | 0.36 | 100.0 |

NA Not available.

1/ Adjusted to 100-percent assessment level.

2/ Largest city in each state, and the District of Columbia. For the listing of cities, see source.

3/ The lower the rank, the higher the percentage of income paid in taxes. For a breakdown of taxes, see source.

4/ Both *Statistical Abstract 1994* and *1995* contained data for 1992 and none contained 1993 data.

Source: U. S. Census Bureau, *Statistical Abstract of the United States* (annual); and Government of the District of Columbia, Office of the Chief Financial Officer, *Tax Rates and Tax Burdens in the District of Columbia - A Nationwide Comparison* (annual) and <<http://cfo.dc.gov/cfo/cwp/view,a,1324,q,612643.asp>> accessed January 14, 2008.

Table 9.44-- REAL PROPERTY TAX RATES, BY COUNTY: 2008

[In dollars per \$1,000 net taxable value. For fiscal year ending June 30. Tax rates as of August 21, 2007]

| Class | Honolulu | | |
|------------------------|----------|--|--|
| Property 1/: | | | |
| Improved residential | 3.29 | | |
| Unimproved residential | 5.70 | | |
| Apartment | 3.29 | | |
| Hotel and resort | 12.40 | | |
| Commercial | 12.40 | | |
| Industrial | 12.40 | | |
| Agricultural | 5.70 | | |
| Vacant agricultural | 8.50 | | |
| Preservation | 5.70 | | |
| Public service | 0.00 | | |

| Class | Maui | Hawaii | Kauai |
|------------------------|-------|---------|---------|
| Land: | | | |
| Improved residential | 4.85 | 8.10 | 2/ 3.95 |
| Unimproved residential | 5.35 | 8.10 | (X) |
| Apartment | 4.55 | 8.10 | 6.90 |
| Commercial | 6.25 | 9.00 | 6.90 |
| Industrial | 6.50 | 9.00 | 6.90 |
| Agricultural | 4.50 | 3/ 8.35 | 6.90 |
| Conservation | 4.75 | 8.55 | 6.90 |
| Hotel and resort | 8.20 | 9.00 | 6.90 |
| Homeowner | 2.00 | 5.55 | (X) |
| Homestead | (X) | (X) | 4.00 |
| Time share | 14.00 | (X) | (X) |
| Building: | | | |
| Improved residential | 4.85 | 8.10 | 2/ 4.25 |
| Unimproved residential | 5.35 | 8.10 | (X) |
| Apartment | 4.55 | 8.10 | 7.90 |
| Commercial | 6.25 | 9.00 | 7.90 |
| Industrial | 6.50 | 9.00 | 7.90 |
| Agricultural | 4.50 | 3/ 8.35 | 4.25 |
| Conservation | 4.75 | 8.55 | 4.25 |
| Hotel and resort | 8.20 | 9.00 | 7.90 |
| Homeowner | 2.00 | 5.55 | (X) |
| Homestead | (X) | (X) | 3.44 |
| Time share | 14.00 | (X) | (X) |

X Not applicable.

1/ As of 2005, the City and County of Honolulu consolidated the 'Land' and 'Improvement' into the single rate for 'Property' value for each class.

2/ Single family residential in County of Kauai.

3/ Agricultural or Native Forests in County of Hawaii

Source: City and County of Honolulu, Department of Finance, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates & Exemptions, 2007-2008 Tax Year, State of Hawaii* (August, 2007) and <http://www.co.honolulu.hi.us/rpa/staterpt/07_txrate.pdf> accessed October 16, 2007.

Table 9.45-- FEDERAL EXPENDITURES IN HAWAII: 1983 TO 2006

[For fiscal years ending September 30. In thousands of dollars and percent]

| Year | Total direct expenditures or obligations | Percent change from previous year | Year | Total direct expenditures or obligations | Percent change from previous year |
|------|--|-----------------------------------|------|--|-----------------------------------|
| 1983 | 4,013,543 | (NA) | 1995 | 7,449,512 | -2.5 |
| 1984 | 4,140,182 | 3.2 | 1996 | 7,990,275 | 7.3 |
| 1985 | 4,575,478 | 10.5 | 1997 | 8,159,285 | 2.1 |
| 1986 | 4,646,930 | 1.6 | 1998 | 8,449,229 | 3.6 |
| 1986 | 4,811,882 | 3.5 | 1999 | 8,659,684 | 2.5 |
| 1988 | 5,064,944 | 5.3 | 2000 | 9,036,388 | 4.4 |
| 1989 | 5,570,896 | 10.0 | 2001 | 9,728,839 | 7.7 |
| 1990 | 5,633,927 | 1.1 | 2002 | 10,474,798 | 7.7 |
| 1991 | 6,198,142 | 10.0 | 2003 | 11,269,306 | 7.6 |
| 1992 | 6,636,322 | 7.1 | 2004 | 12,176,350 | 8.0 |
| 1993 | 7,283,475 | 9.8 | 2005 | 12,699,321 | 4.3 |
| 1994 | 7,643,718 | 4.9 | 2006 | 13,491,111 | 6.2 |

NA Not available.

Source: U.S. Census Bureau, *Consolidated Federal Funds Report for Fiscal Year, State and County Areas* (annual), <<http://www.census.gov/govs/www/cffr.html>> accessed April 23, 2008 and U.S. Census Bureau, Governments Division unpublished tabulation (January 11, 2005).

Table 9.46-- FEDERAL EXPENDITURES IN HAWAII, BY TYPE: 1983 TO 2006

[In millions of dollars. For fiscal year ending September 30]

| Year | Total direct expenditures or obligations | Retirement & disability payments for individuals | Other direct payments for individuals | Direct payments for other than individuals | Grants - block, formula, project, & cooperative agreements | Procurement contracts | Salaries & wages |
|------|--|--|---------------------------------------|--|--|-----------------------|------------------|
| 1983 | 4,013.5 | 961.2 | 291.8 | 14.9 | 475.1 | 534.5 | 1,735.9 |
| 1984 | 4,140.2 | 1,023.4 | 297.9 | 49.9 | 383.0 | 577.4 | 1,808.6 |
| 1985 | 4,575.5 | 1,108.1 | 336.1 | 48.4 | 468.0 | 672.4 | 1,942.4 |
| 1986 | 4,646.9 | 1,175.2 | 342.0 | 49.4 | 500.7 | 619.0 | 1,960.7 |
| 1987 | 4,811.9 | 1,260.0 | 357.5 | 55.8 | 540.6 | 525.0 | 2,073.1 |
| 1988 | 5,064.9 | 1,346.9 | 368.2 | 67.7 | 613.3 | 591.2 | 2,077.7 |
| 1989 | 5,570.9 | 1,453.3 | 431.1 | 70.1 | 707.3 | 624.3 | 2,284.9 |
| 1990 | 5,633.9 | 1,538.1 | 520.7 | 79.1 | 783.0 | 547.3 | 2,165.8 |
| 1991 | 6,198.1 | 1,660.2 | 589.8 | 83.2 | 786.2 | 760.9 | 2,317.9 |
| 1992 | 6,636.3 | 1,735.5 | 772.7 | 90.2 | 974.5 | 694.9 | 2,368.6 |
| 1993 | 7,283.5 | 1,842.6 | 825.3 | 130.9 | 1,357.2 | 742.5 | 2,385.0 |
| 1994 | 7,643.7 | 1,970.5 | 852.0 | 122.5 | 1,295.0 | 905.4 | 2,498.3 |
| 1995 | 7,449.5 | 2,043.3 | 1,069.2 | 57.4 | 1,192.1 | 777.3 | 2,310.2 |
| 1996 | 7,990.3 | 2,138.5 | 1,099.1 | 101.3 | 1,215.4 | 1,027.4 | 2,408.6 |
| 1997 | 8,159.3 | 2,261.9 | 1,127.6 | 105.8 | 1,256.1 | 1,077.3 | 2,330.5 |
| 1998 | 8,449.2 | 2,348.4 | 1,078.8 | 101.9 | 1,310.3 | 1,052.6 | 2,557.2 |
| 1999 | 8,659.7 | 2,430.5 | 1,077.7 | 122.4 | 1,451.7 | 1,141.4 | 2,436.1 |
| 2000 | 9,036.4 | 2,582.9 | 1,069.7 | 128.5 | 1,532.5 | 1,293.8 | 2,429.0 |
| 2001 | 9,728.8 | 2,798.7 | 1,132.5 | 142.1 | 1,663.7 | 1,466.9 | 2,525.0 |
| 2002 | 10,474.8 | 2,899.3 | 1,305.6 | 129.1 | 1,836.1 | 1,621.2 | 2,683.5 |
| 2003 | 11,269.3 | 3,014.1 | 1,344.9 | 157.3 | 1,911.0 | 1,978.4 | 2,863.7 |
| 2004 | 12,176.3 | 3,202.2 | 1,403.2 | 203.4 | 2,147.6 | 2,066.0 | 3,153.9 |
| 2005 | 12,699.3 | 3,318.7 | 1,474.1 | 178.1 | 2,167.9 | 2,322.3 | 3,238.4 |
| 2006 | 13,491.1 | 3,533.9 | 1,574.8 | 215.6 | 2,308.0 | 2,147.8 | 3,711.0 |

Source: U.S. Census Bureau, *Consolidated Federal Funds Report for Fiscal Year, State and County Areas*, On-line Query System <<http://www.census.gov/govs/www/cffr.html>> accessed April 23, 2008, and U.S. Census Bureau, Governments Division unpublished tabulation (January 11, 2005).

Table 9.47-- PER CAPITA DIRECT FEDERAL EXPENDITURE IN THE UNITED STATES AND HAWAII, BY TYPE: 2005 AND 2006

[For fiscal year ending September 30. Direct expenditures exclude federal assistance such as loans and insurance]

| Category | United States (dollars) | Hawaii (dollars) | Hawaii as percent of U.S. | Hawaii rank 1/ |
|----------------------------|--------------------------------|-------------------------|----------------------------------|-----------------------|
| Total 2005 2/ | 7,567.85 | 9,973.72 | 131.79 | 6 |
| Retirement and disability | 2,348.35 | 2,606.39 | 110.99 | 15 |
| Other direct payments | 1,676.06 | 1,297.59 | 77.42 | 43 |
| Grants | 1,559.66 | 1,702.58 | 109.16 | 15 |
| Procurement | 1,221.71 | 1,823.85 | 149.29 | 7 |
| Salaries and wages | 762.07 | 2,543.32 | 333.74 | 2 |
| Department of Defense | 1,231.75 | 3,938.91 | 319.78 | 3 |
| All other Federal agencies | 6,336.11 | 6,034.81 | 95.24 | 32 |
| Total 2006 2/ | 8,058.14 | 10,494.85 | 130.24 | 7 |
| Retirement and disability | 2,446.39 | 2,749.03 | 112.37 | 15 |
| Other direct payments | 1,887.02 | 1,392.81 | 73.81 | 42 |
| Grants | 1,630.13 | 1,795.41 | 110.14 | 16 |
| Procurement | 1,300.98 | 1,670.81 | 128.43 | 13 |
| Salaries and wages | 793.62 | 2,886.79 | 363.75 | 2 |
| Department of Defense | 1,306.00 | 4,184.53 | 320.41 | 3 |
| All other Federal agencies | 6,752.14 | 6,310.32 | 93.46 | 29 |

1/ A rank of 1 indicates the highest per capita direct federal expenditure. Rank is among the 50 states. When the District of Columbia is included, Hawaii ranking drops one place in every category.

2/ Resident population is as of July 1, 2005 and 2006. Hawaii resident population was 1,273,278 and 1,285,498 and for the United States was 296,507,061 and 299,398,484 respectively (source table 10). Hawaii had 0.4 percent of the United States resident population for both.

Source: U.S. Census Bureau, *Consolidated Federal Funds Report for Fiscal Year 2005, State and County Areas* (September 2007), tables 10, 12 and 14 <<http://www.census.gov/prod/2007pubs/cffr-05.pdf>> accessed October 9, 2007 and *Ibid. 2006* (April 2008) <<http://www.census.gov/prod/2008pubs/cffr-06.pdf>> accessed April 23, 2008 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.48-- DIRECT FEDERAL EXPENDITURES OR OBLIGATIONS,
BY COUNTY: 2005**

[In persons and thousands of dollars. For fiscal year ending September 30]

| Category | State Total | City and County of Honolulu | Hawaii County | Maui County 1/ | Kauai County | State undistri- buted |
|--|------------------------|--|--------------------------|---------------------------|-------------------------|--------------------------------------|
| Resident population (as of July 1, 2005) | 1,273,278 | 904,645 | 166,461 | 139,807 | 62,365 | - |
| | 12,699,321 | 10,192,121 | 951,923 | 626,683 | 397,704 | 530,889 |
| Total direct exp. or oblig. | 12,699,321 | 10,192,121 | 951,923 | 626,683 | 397,704 | 530,889 |
| Retirement/disability payments for individuals | 3,318,653 | 2,504,120 | 414,476 | 257,785 | 142,145 | 127 |
| Other direct payments for individuals | 1,474,121 | 920,044 | 167,804 | 110,342 | 63,969 | 211,962 |
| Direct payments other than for individuals | 178,068 | 16,436 | 2,121 | 793 | 171 | 158,547 |
| Grants (block, formula, project, & cooperative agreements) | 2,167,856 | 1,611,536 | 196,790 | 128,206 | 71,071 | 160,253 |
| Procurement contracts | 2,322,270 | 2,051,696 | 106,739 | 83,184 | 80,650 | - |
| Salaries and wages | 3,238,353 | 3,088,290 | 63,993 | 46,372 | 39,698 | - |
| Exhibit: Total direct expenditures or obligations | 12,699,321 | 10,192,121 | 951,923 | 2/ 626,683 | 397,704 | 530,889 |
| Defense | 5,015,329 | 4,754,443 | 80,087 | 75,135 | 105,664 | - |
| Non-defense | 7,683,992 | 5,437,678 | 871,836 | 2/ 551,548 | 292,040 | 530,889 |
| Addendum: Other federal assistance | 7,528,168 | 4,553,459 | 610,924 | 1,609,772 | 608,631 | 2/ 145,381 |
| Direct loans | 10,724 | 4,743 | 2,567 | 2,595 | 819 | - |
| Guaranteed/insured loans | 341,954 | 150,017 | 24,404 | 31,874 | 5,968 | 129,690 |
| Insurance | 7,175,491 | 4,398,699 | 583,954 | 1,575,303 | 601,844 | 15,691 |

1/ Includes Kalawao County.

2/ Revised from original online update.

Source: U.S. Census Bureau, *Consolidated Federal Funds Report for Fiscal Year 2005, State and County Areas* (September 2007) p. 37 <<http://www.census.gov/prod/2005pubs/cffr-04.pdf>> and On-Line Query System (1993-2005) <<http://www.census.gov/govs/www/cffr.html>> accessed October 18, 2007.

**Table 9.49-- DIRECT FEDERAL EXPENDITURES OR OBLIGATIONS,
BY COUNTY: 2006**

[In persons and thousands of dollars. For fiscal year ending September 30]

| Category | State Total | City and County of Honolulu | Hawaii County | Maui County 1/ | Kauai County | State undistributed |
|--|-------------|-----------------------------|---------------|----------------|--------------|---------------------|
| Resident population (as of July 1, 2006) | 1,285,498 | 909,863 | 171,191 | 141,440 | 63,004 | - |
| Total direct exp. or oblig. | 13,491,111 | 10,864,549 | 1,010,232 | 654,630 | 422,022 | 539,678 |
| Retirement/disability payments for individuals | 3,533,873 | 2,666,122 | 440,303 | 278,050 | 149,304 | 93 |
| Other direct payments for individuals | 1,574,809 | 993,823 | 178,764 | 117,889 | 68,740 | 215,594 |
| Direct payments other than for individuals | 215,646 | 30,867 | 2,931 | 2,889 | 928 | 178,031 |
| Grants (block, formula, project, & cooperative agreements) | 2,307,993 | 1,706,621 | 226,538 | 152,248 | 94,684 | 127,902 |
| Procurement contracts | 2,147,829 | 1,922,268 | 90,443 | 54,557 | 80,560 | - |
| Salaries and wages | 3,710,961 | 3,544,847 | 71,252 | 48,997 | 27,806 | 18,059 |
| Exhibit: Total direct expenditures or obligations | 13,491,111 | 10,864,549 | 1,010,232 | 654,630 | 422,022 | 539,678 |
| Defense | 5,379,202 | 5,172,871 | 39,949 | 53,521 | 94,801 | 18,059 |
| Non-defense | 8,111,909 | 5,691,677 | 970,283 | 601,109 | 327,220 | 521,619 |
| Addendum: Other federal assistance | 8,618,341 | 5,282,963 | 736,482 | 1,716,977 | 740,050 | 141,869 |
| Direct loans | 11,287 | 8,745 | 965 | 1,223 | 354 | - |
| Guaranteed/insured loans | 348,024 | 166,989 | 29,749 | 21,564 | 3,662 | 126,060 |
| Insurance | 8,259,031 | 5,107,229 | 705,768 | 1,694,190 | 736,035 | 15,809 |

1/ Includes Kalawao County.

Source: U.S. Census Bureau, *Consolidated Federal Funds Report for Fiscal Year 2006, State and County Areas* (April 2008) p. 37 <<http://www.census.gov/prod/2008pubs/cffr-06.pdf>> and On-Line Query System (1993-2006) <<http://www.census.gov/govs/www/cffr.html>> accessed April 23, 2008.

Table 9.50-- FEDERAL APPROPRIATIONS BILLS' HAWAII-RELATED ENERGY AND WATER DEVELOPMENT, INTERIOR AND DEPARTMENT OF STATE INITIATIVES: 2007

[In thousands of dollars. For fiscal year ending September 30. All amounts represent Hawaii-related initiatives as approved by the Senate Appropriations Committee on June 29, 2006]

| Subject | Amount |
|---|--------|
| Total | 67,076 |
| Energy and Water Development | 27,668 |
| Department of Energy | 2,750 |
| Hawaii-New Mexico Sustainable Energy Security Partnership | 2,000 |
| Polymeric hydrogels for decontamination of radiation spills & environmental remediation | 750 |
| Army Corps of Engineers | 24,418 |
| Kikiaola Small Boat Harbor | 14,500 |
| Sacred Falls Demonstration Project | 2,000 |
| Hawaii Water Management Project | 1,500 |
| Reprogrammed funds | 1,016 |
| Hurricane evacuation studies | 1,000 |
| Operations and maintenance | 890 |
| Surge and wave island modeling studies | 750 |
| Pacific Island Land Ocean Typhoon Experiment | 750 |
| Regional Sediment Management Demonstration Program | 500 |
| Wailupe Stream Flood Damage Reduction Project | 350 |
| Ala Wai Canal Project | 300 |
| Iao Stream flood control | 300 |
| Pohiki Small Boat Harbor | 220 |
| Kahuku Watershed Project | 203 |
| Kahului Deep Draft Harbor Project | 100 |
| Kalaeloa Barbers Point Harbor | 39 |
| Bureau of Reclamation | 500 |
| Hawaiian Reclaim and Reuse Study | 500 |
| Department of Interior | 20,408 |
| Expansion of James Campbell National Wildlife Refuge | 8,000 |
| Replacement of USS Arizona Memorial Visitor Center | 3,685 |
| Brown Tree Snake control | 2,673 |
| Kealakekua Ranch | 2,000 |
| Exploratory wells and hydrological data collection | 1,000 |
| Aid to the State of Hawaii for invasive species | 800 |
| Hawaiian Culture and the Arts Program | 600 |
| Hawaii Endangered Bird Conservation Program – operations and aviaries | 550 |
| Volcano Hazards Program | 450 |
| Royal Mausoleum/Mauna Ala Restoration Project | 350 |
| Experimental tropical forest | 300 |
| Department of State, Foreign Operations, and Related Programs | 19,000 |
| East-West Center | 19,000 |

Source: U.S. Senator Daniel K. Inouye Press Release "Senate Appropriations Panel Approves \$67.1 Million For Hawaii-Related Projects, Inouye Announces" (June 29, 2006)
 <<http://www.senate.gov/~inouye/06pr/20060629pr01.html>> accessed June 29, 2006.

Table 9.51- FEDERAL AID TO HAWAII STATE AND LOCAL GOVERNMENT, BY SELECTED AGENCY AND PROGRAM: 2005

[In thousands of dollars. For fiscal year ending September 30. All amounts represent actual expenditures of the federal government during the indicated fiscal year. Components may not sum to total as some of the smaller programs, as well as some of those with United States but no Hawaii expenditures, are not shown individually. Some components summed to subtotals]

| Area | Hawaii | United States |
|--|-----------|---------------|
| Total | 1,730,696 | 403,659,972 |
| Department of Agriculture | 106,760 | 23,996,227 |
| Agricultural Marketing Service | 1,180 | 451,542 |
| Cooperative State Research Education & Extension Service | 11,988 | 927,930 |
| Farm Service Agency | - | 7,563 |
| Food Safety & Inspection Service | - | 44,760 |
| Food & Nutrition Service | 81,739 | 21,110,037 |
| Forest Service | 719 | 613,373 |
| National Resources Conservation Service | 1,874 | 47,843 |
| Rural development activities | 9,260 | 793,179 |
| Department of Commerce | 28,601 | 887,094 |
| National Oceanic and Atmospheric Administration | 23,287 | 460,479 |
| Corporation for National and Community Service | 1,147 | 158,832 |
| Corporation for Public Broadcasting | 2,177 | 411,970 |
| Department of Defense | 12,566 | 373,201 |
| U.S. Army National Guard - construction | 12,566 | 364,520 |
| Department of Education | 229,025 | 34,138,585 |
| Office of English Language Acquisition | 3,441 | 597,616 |
| Office of Special Educational Research and Improvement | 1,224 | 475,982 |
| Office of Special Education and Rehabilitative Services | 53,823 | 10,217,282 |
| Office of Vocational and Adult Education | 10,827 | 1,524,858 |
| Office of Elementary and Secondary Education | 140,928 | 19,209,097 |
| Impact aid | 51,137 | 1,064,745 |
| Programs for American Indians, Alaska Natives and Native Hawaiians | 7,721 | 156,401 |
| No Child Left Behind Act | 27,298 | 4,888,241 |
| Title 1 programs | 40,862 | 10,499,709 |
| Other | 5,445 | 851,416 |
| Office of Postsecondary Education | 14,762 | 1,254,322 |
| Office of Student Financial Assistance | 4,020 | 849,428 |
| Election Assistance Commission | 4,150 | 927,240 |
| Department of Energy | 1,377 | 572,737 |
| Environmental Protection Agency | 13,703 | 3,408,074 |
| Equal Employment Opportunity Commission | 146 | 29,906 |
| Department of Health and Human Services | 859,074 | 240,302,568 |
| Administration for Children and Families | 177,818 | 43,796,949 |
| Administration on Aging | 8,566 | 1,366,318 |
| Centers for Disease Control & Prevention | 4,861 | 779,432 |
| Centers for Medicare and Medicaid Services | 616,285 | 185,979,519 |
| Health Resources and Services Administration | 35,994 | 5,321,337 |
| Substance Abuse and Mental Health Services Admin. | 15,550 | 2,902,217 |

Continued on next page.

Table 9.51-- FEDERAL AID TO HAWAII STATE AND LOCAL GOVERNMENT, BY SELECTED AGENCY AND PROGRAM: 2005-- Con.

| Area | Hawaii | United States |
|---|---------|---------------|
| Department of Homeland Security | 31,901 | 8,330,201 |
| Coast Guard | 835 | 61,065 |
| Domestic preparedness and anti-terrorism programs | 23,130 | 2,883,285 |
| Federal Emergency Management Agency | 7,936 | 5,385,851 |
| Department of Housing and Urban Development | 116,866 | 28,709,107 |
| Fair housing and equal opportunity | 109 | 46,839 |
| Community planning and development | 35,774 | 6,357,904 |
| Housing programs | 80,983 | 22,304,364 |
| College housing | 257 | 6,409 |
| Housing opportunities for persons with AIDS | 1,332 | 280,133 |
| Native American block grant | - | 687,918 |
| Housing for special populations | 1,196 | 903,485 |
| Public housing programs | 74,510 | 18,565,884 |
| Home ownership assistance | 3,688 | 1,720,753 |
| Other | - | 139,782 |
| Department of the Interior | 22,559 | 4,283,550 |
| Fish and Wildlife Service | 8,098 | 644,692 |
| National Park Service | 1,389 | 127,466 |
| Office of Insular Affairs | 12,867 | 428,787 |
| Department of Justice | 16,882 | 4,191,240 |
| Office of Asset Forfeiture | 1,702 | 261,411 |
| Office of Justice Programs | 15,180 | 3,922,044 |
| Crime victims programs | 128 | 619,375 |
| Education, research and statistics programs | 4,172 | 163,903 |
| Juvenile justice programs | 996 | 331,708 |
| Law Enforcement Assistance | 9,885 | 2,464,724 |
| Community oriented policing program (COPS) | 5,874 | 202,984 |
| Violence against women and children | 1,962 | 318,155 |
| Weed and seed | 846 | 24,120 |
| Substance abuse programs | 952 | 1,615,793 |
| Department of Labor | 42,818 | 8,379,189 |
| Bureau of Labor Statistics | 754 | 91,520 |
| Employment and Training Administration | 39,469 | 7,997,931 |
| Occupational Health and Safety Administration | 1,298 | 95,042 |
| Veterans Employment and Training Administration | 1,297 | 185,534 |
| National Foundation on Arts & Humanities | 3,322 | 305,217 |
| Neighborhood Reinvestment Corporation | 306 | 75,589 |
| Department of Transportation | 216,109 | 42,064,291 |
| Federal Aviation Administration | 24,439 | 2,680,899 |
| Federal Highway Administration | 156,981 | 30,505,084 |
| Federal Transit Administration | 32,179 | 8,350,368 |
| Department of the Treasury | 204 | 498,249 |
| Department of Veterans Affairs | 20,916 | 708,908 |

Source: U.S. Bureau of the Census, *Federal Aid to States for Fiscal Year: 2005* (September 2007), table 1 <<http://www.census.gov/prod/2007pubs/fas-05.pdf>> accessed October 9, 2007.

Table 9.52-- FEDERAL AID TO HAWAII STATE AND LOCAL GOVERNMENT, BY SELECTED AGENCY AND PROGRAM: 2006

[In thousands of dollars. For fiscal year ending September 30. All amounts represent actual expenditures of the federal government during the indicated fiscal year. Components may not sum to total as some of the smaller programs, as well as some of those with United States but no Hawaii expenditures, are not shown individually. Some components summed to subtotals]

| Area | Hawaii | United States |
|--|-----------|---------------|
| Total | 1,858,321 | 428,153,867 |
| Department of Agriculture | 102,800 | 24,800,189 |
| Agricultural Marketing Service | 584 | 347,868 |
| Cooperative State Research Education & Extension Service | 16,488 | 1,063,641 |
| Farm Service Agency | 366 | 5,581 |
| Food Safety & Inspection Service | - | 85,627 |
| Food & Nutrition Service | 74,244 | 21,850,251 |
| Forest Service | 8,463 | 668,958 |
| National Resources Conservation Service | 1,549 | 53,949 |
| Rural development activities | 1,106 | 724,314 |
| Department of Commerce | 7,718 | 632,101 |
| National Oceanic and Atmospheric Administration | 4,877 | 267,572 |
| Corporation for National and Community Service | 1,269 | 156,648 |
| Corporation for Public Broadcasting | - | 155,250 |
| Department of Defense | 2,820 | 450,906 |
| U.S. Army National Guard - construction | 2,820 | 441,719 |
| Department of Education | 228,567 | 36,091,983 |
| Office of English Language Acquisition | 4,125 | 552,321 |
| Office of Special Educational Research and Improvement | 1,785 | 469,362 |
| Office of Special Education and Rehabilitative Services | 50,659 | 11,348,530 |
| Office of Vocational and Adult Education | 8,918 | 1,582,207 |
| Office of Elementary and Secondary Education | 140,956 | 20,093,385 |
| Impact aid | 44,265 | 987,447 |
| Programs for American Indians, Alaska Natives and Native Hawaiians | 10,537 | 118,314 |
| No Child Left Behind Act | 28,989 | 4,613,152 |
| Title 1 programs | 46,137 | 10,902,293 |
| Other | 3,843 | 1,700,840 |
| Office of Postsecondary Education | 18,230 | 1,229,477 |
| Office of Student Financial Assistance | 3,894 | 816,701 |
| Election Assistance Commission | 7,447 | 58,266 |
| Department of Energy | 2,778 | 677,208 |
| Environmental Protection Agency | 29,347 | 4,240,648 |
| Equal Employment Opportunity Commission | 199 | 28,986 |
| Department of Health and Human Services | 924,450 | 241,847,484 |
| Administration for Children and Families | 167,909 | 45,852,694 |
| Administration on Aging | 7,710 | 1,345,324 |
| Centers for Disease Control & Prevention | 2,469 | 458,185 |
| Centers for Medicare and Medicaid Services | 693,898 | 186,027,140 |
| Health Resources and Services Administration | 36,984 | 5,059,555 |
| Substance Abuse and Mental Health Services Admin. | 15,480 | 2,957,595 |

Continued on next page.

Table 9.52-- FEDERAL AID TO HAWAII STATE AND LOCAL GOVERNMENT, BY SELECTED AGENCY AND PROGRAM: 2006-- Con.

| Area | Hawaii | United States |
|---|---------|---------------|
| Department of Homeland Security | 15,313 | 9,989,567 |
| Coast Guard | - | 80,709 |
| Domestic preparedness and anti-terrorism programs | 12,935 | 2,472,331 |
| Federal Emergency Management Agency | 2,378 | 7,436,527 |
| Department of Housing and Urban Development | 186,217 | 40,336,691 |
| Fair housing and equal opportunity | 406 | 46,931 |
| Community planning and development | 52,445 | 6,443,778 |
| Housing programs | 133,366 | 33,845,982 |
| College housing | 92 | 47,697 |
| Housing opportunities for persons with AIDS | 1,568 | 308,885 |
| Native American block grant | - | 584,416 |
| Housing for special populations | 2,259 | 921,752 |
| Public housing programs | 117,834 | 30,336,971 |
| Home ownership assistance | 11,568 | 1,847,078 |
| Other | 45 | -200,817 |
| Department of the Interior | 11,043 | 4,953,670 |
| Fish and Wildlife Service | 6,970 | 710,413 |
| National Park Service | 834 | 141,588 |
| Office of Insular Affairs | 2,826 | 385,561 |
| Department of Justice | 60,871 | 5,996,651 |
| Office of Asset Forfeiture | 3,369 | 304,132 |
| Office of Justice Programs | 57,502 | 5,684,116 |
| Crime victims programs | 1,474 | 571,424 |
| Education, research and statistics programs | 22 | 168,083 |
| Juvenile justice programs | 5,745 | 434,653 |
| Law Enforcement Assistance | 10,143 | 4,240,391 |
| Community oriented policing program (COPS) | 268 | 1,291,266 |
| Violence against women and children | 3,857 | 362,341 |
| Weed and seed | 8 | 8,055 |
| Substance abuse programs | 5,595 | 2,013,605 |
| Department of Labor | 47,859 | 9,271,171 |
| Bureau of Labor Statistics | 718 | 91,475 |
| Employment and Training Administration | 42,419 | 8,758,086 |
| Occupational Health and Safety Administration | 3,425 | 226,312 |
| Veterans Employment and Training Administration | 1,297 | 185,534 |
| National Foundation on Arts & Humanities | 2,437 | 264,561 |
| Neighborhood Reinvestment Corporation | 374 | 78,242 |
| Department of Transportation | 226,169 | 46,276,406 |
| Federal Aviation Administration | 41,979 | 3,480,230 |
| Federal Highway Administration | 129,998 | 33,581,792 |
| Federal Transit Administration | 52,656 | 8,677,771 |
| Department of the Treasury | 600 | 430,862 |
| Department of Veterans Affairs | - | 582,887 |

Source: U.S. Bureau of the Census, *Federal Aid to States for Fiscal Year: 2006* (April 2008), table 1 <<http://www.census.gov/prod/2008pubs/fas-06.pdf>> accessed April 23, 2008.

Table 9.53-- FEDERAL PROCUREMENT BY AGENCY: 2006

[In thousands of dollars. For fiscal year ending September 30. Per capita calculations were based on an April 1, 2000 Census count of Hawai resident population of 1,211,537. Rank of 1 indicates highest procurement. In FY 2006, Hawaii procurement by place of performance was \$2,110,083,009. Per capita procurement was \$1,741.66, giving Hawaii a rank of 12 in FY 2006 and a rank of 9 in FY 2005]

| Area | Total | Civilian agencies | | Department of Defense | |
|---|-----------|--|-----------------------|-------------------------------|-------------------------|
| | | Small dis-advantaged business | Other | Small dis-advantaged business | Other |
| Total | 2,110,083 | 75,489 | 174,413 | 410,416 | 1,449,765 |
| Honolulu City & County | 1,901,800 | 64,943 | 99,743 | 406,321 | 1,330,793 |
| Hawaii County | 79,307 | 7,028 | 65,118 | -4,848 | 12,009 |
| Kauai County | 78,576 | 755 | 975 | 6,501 | 70,346 |
| Maui County | 50,360 | 2,764 | 8,537 | 2,442 | 36,617 |
| Kalawao County | 40 | - | 40 | - | - |
| Top five agencies with place of performance in Hawaii | Amount | Top five contracting offices located in Hawaii | | | Amount |
| Department of Defense | 1,860,181 | Defense Energy Support Center | | | 300,583 |
| Dept. of Transportation | 60,554 | FA5215 15 CONS LGC | | | 215,292 |
| Department of the Interior | 41,605 | XU W2SN EnDIST Honolulu | | | 185,712 |
| General Services Admin. | 32,924 | NavFac Engineering Command Hawaii | | | 159,808 |
| Dept. of Homeland Security | 25,596 | Ft. Shafter | | | 143,191 |
| Type of selected product or service | Total | Small business | Other than small bus. | State, local & tribal gov't | Non-profit JWOD & other |
| Total | 2,054,651 | 924,618 | 1,049,659 | 4,310 | 76,064 |
| Construction | 528,920 | 188,842 | 339,596 | 6 | 476 |
| Research and development | 117,498 | 69,462 | 3,029 | 25 | 44,982 |
| Services | 792,018 | 453,388 | 305,247 | 4,310 | 29,073 |
| Supplies and equipment | 616,214 | 212,926 | 401,787 | -31 | 1,533 |

Source: GCE Global Computer Enterprises, Inc., Federal Procurement Data System - NG (New Generation), *Federal Procurement Report FY 2006, Section II, Geographic Views* <http://www.fpdnsng.com/fpr_reports_fy_06.html> accessed May 21, 2008.

**Table 9.54-- ADJUSTED FEDERAL EXPENDITURES PER DOLLAR OF
BY STATE AND THE DISTRICT OF COLUMBIA:
1995 AND 2005**

[Expenditures calculated by Tax Foundation based on federal expenditure data from the U.S. Bureau of the Census. Federal tax revenue is derived from the individual income tax, social insurance taxes (Social Security and Medicare), corporate income tax, excise taxes (on beer, wine, tobacco, gasoline and other products), and estate and gift taxes, customs duties and an adjustment for the federal deficit. Rank of 1 indicates highest expenditure per tax dollar. For fiscal year ending September 30]

| Area | Expenditures per dollar of taxes | | | Ranking | |
|----------------------|----------------------------------|-------------|---|-----------|-----------|
| | 1995 | 2005 | 10-year change in spending per dollar of tax | 1995 | 2005 |
| Alabama | 1.31 | 1.66 | 0.35 | 8 | 7 |
| Alaska | 1.21 | 1.84 | 0.63 | 17 | 3 |
| Arizona | 1.13 | 1.19 | 0.06 | 21 | 21 |
| Arkansas | 1.22 | 1.41 | 0.19 | 16 | 14 |
| California | 0.94 | 0.78 | -0.16 | 38 | 43 |
| Colorado | 0.95 | 0.81 | -0.14 | 34 | 41 |
| Connecticut | 0.68 | 0.69 | 0.01 | 50 | 48 |
| Delaware | 0.85 | 0.77 | -0.08 | 41 | 44 |
| District of Columbia | 5.39 | 5.55 | 0.16 | (X) | (X) |
| Florida | 1.07 | 0.97 | -0.10 | 24 | 34 |
| Georgia | 0.96 | 1.01 | 0.05 | 33 | 32 |
| Hawaii | 1.26 | 1.44 | 0.18 | 15 | 12 |
| Idaho | 1.14 | 1.21 | 0.07 | 20 | 20 |
| Illinois | 0.74 | 0.75 | 0.01 | 47 | 45 |
| Indiana | 0.84 | 1.05 | 0.21 | 42 | 30 |
| Iowa | 1.06 | 1.10 | 0.04 | 26 | 24 |
| Kansas | 1.05 | 1.12 | 0.07 | 27 | 22 |
| Kentucky | 1.28 | 1.51 | 0.23 | 13 | 9 |
| Louisiana | 1.35 | 1.78 | 0.43 | 7 | 4 |
| Maine | 1.30 | 1.41 | 0.11 | 9 | 13 |
| Maryland | 1.27 | 1.30 | 0.03 | 14 | 18 |
| Massachusetts | 0.92 | 0.82 | -0.10 | 39 | 40 |
| Michigan | 0.77 | 0.92 | 0.15 | 45 | 37 |
| Minnesota | 0.78 | 0.72 | -0.06 | 44 | 46 |
| Mississippi | 1.54 | 2.02 | 0.48 | 3 | 2 |
| Missouri | 1.29 | 1.32 | 0.03 | 12 | 17 |
| Montana | 1.46 | 1.47 | 0.01 | 6 | 11 |
| Nebraska | 1.01 | 1.10 | 0.09 | 30 | 25 |
| Nevada | 0.73 | 0.65 | -0.08 | 48 | 49 |
| New Hampshire | 0.75 | 0.71 | -0.04 | 46 | 47 |
| New Jersey | 0.68 | 0.61 | -0.07 | 49 | 50 |
| New Mexico | 1.85 | 2.03 | 0.18 | 1 | 1 |

Continued on next page.

Table 9.54-- ADJUSTED FEDERAL EXPENDITURES PER DOLLAR OF TAXES, BY STATE AND THE DISTRICT OF COLUMBIA: 1995 AND 2005 -- Con.

| Area | Expenditures per dollar of taxes | | | Ranking | |
|----------------|----------------------------------|------|--|---------|------|
| | 1995 | 2005 | 10-year change in spending per dollar of tax | 1995 | 2005 |
| New York | 0.87 | 0.79 | -0.08 | 40 | 42 |
| North Carolina | 0.95 | 1.08 | 0.13 | 36 | 27 |
| North Dakota | 1.47 | 1.68 | 0.21 | 5 | 6 |
| Ohio | 0.97 | 1.05 | 0.08 | 32 | 31 |
| Oklahoma | 1.30 | 1.36 | 0.06 | 11 | 15 |
| Oregon | 0.95 | 0.93 | -0.02 | 35 | 36 |
| Pennsylvania | 1.05 | 1.07 | 0.02 | 28 | 28 |
| Rhode Island | 1.14 | 1.00 | -0.14 | 19 | 33 |
| South Carolina | 1.20 | 1.35 | 0.15 | 18 | 16 |
| South Dakota | 1.30 | 1.53 | 0.23 | 10 | 8 |
| Tennessee | 1.07 | 1.27 | 0.20 | 25 | 19 |
| Texas | 0.95 | 0.94 | -0.01 | 37 | 35 |
| Utah | 1.08 | 1.07 | -0.01 | 22 | 29 |
| Vermont | 1.03 | 1.08 | 0.05 | 29 | 26 |
| Virginia | 1.51 | 1.51 | 0.00 | 4 | 10 |
| Washington | 0.97 | 0.88 | -0.09 | 31 | 38 |
| West Virginia | 1.59 | 1.76 | 0.17 | 2 | 5 |
| Wisconsin | 0.80 | 0.86 | 0.06 | 43 | 39 |
| Wyoming | 1.08 | 1.11 | 0.03 | 23 | 23 |

X Not applicable.

Source: Tax Foundation, "Federal Taxes Paid vs. Federal Spending Received by State, 1981-2005" (October 19, 2007) <<http://www.taxfoundation.org/publications/show/22685.html>> accessed October 22, 2007.

**Table 9.55-- ADJUSTED FEDERAL EXPENDITURES PER DOLLAR
OF TAXES: 1995 TO 2005**

[For fiscal year ending September 30]

| State | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Alabama | 1.31 | 1.33 | 1.37 | 1.39 | 1.43 | 1.50 | 1.54 | 1.58 | 1.65 | 1.67 | 1.66 |
| Alaska | 1.21 | 1.27 | 1.34 | 1.36 | 1.48 | 1.57 | 1.57 | 1.74 | 1.79 | 1.84 | 1.84 |
| Arizona | 1.13 | 1.11 | 1.08 | 1.10 | 1.16 | 1.17 | 1.14 | 1.20 | 1.22 | 1.23 | 1.19 |
| Arkansas | 1.22 | 1.24 | 1.29 | 1.31 | 1.33 | 1.39 | 1.46 | 1.51 | 1.43 | 1.45 | 1.41 |
| California | 0.94 | 0.93 | 0.92 | 0.90 | 0.87 | 0.81 | 0.82 | 0.82 | 0.79 | 0.80 | 0.78 |
| Colorado | 0.95 | 0.96 | 0.91 | 0.91 | 0.88 | 0.84 | 0.82 | 0.80 | 0.84 | 0.83 | 0.81 |
| Connecticut | 0.68 | 0.69 | 0.67 | 0.70 | 0.70 | 0.66 | 0.67 | 0.67 | 0.69 | 0.70 | 0.69 |
| Delaware | 0.85 | 0.85 | 0.84 | 0.85 | 0.89 | 0.88 | 0.85 | 0.83 | 0.79 | 0.77 | 0.77 |
| Dist. of Col. | 5.39 | 5.38 | 5.18 | 5.05 | 5.25 | 4.90 | 5.28 | 5.74 | 6.18 | 6.28 | 5.55 |
| Florida | 1.07 | 1.08 | 1.07 | 1.05 | 1.06 | 1.08 | 1.04 | 0.99 | 1.00 | 0.96 | 0.97 |
| Georgia | 0.96 | 0.97 | 0.97 | 0.97 | 0.98 | 1.00 | 1.02 | 1.02 | 0.98 | 0.98 | 1.01 |
| Hawaii | 1.26 | 1.38 | 1.41 | 1.47 | 1.48 | 1.46 | 1.49 | 1.50 | 1.49 | 1.51 | 1.44 |
| Idaho | 1.14 | 1.15 | 1.16 | 1.22 | 1.19 | 1.22 | 1.25 | 1.32 | 1.28 | 1.23 | 1.21 |
| Illinois | 0.74 | 0.75 | 0.77 | 0.78 | 0.79 | 0.81 | 0.80 | 0.77 | 0.73 | 0.74 | 0.75 |
| Indiana | 0.84 | 0.89 | 0.92 | 0.93 | 0.94 | 0.99 | 1.02 | 0.98 | 0.95 | 0.98 | 1.05 |
| Iowa | 1.06 | 1.08 | 1.06 | 1.12 | 1.18 | 1.11 | 1.20 | 1.21 | 1.04 | 1.11 | 1.10 |
| Kansas | 1.05 | 1.03 | 1.02 | 1.07 | 1.12 | 1.07 | 1.16 | 1.12 | 1.10 | 1.11 | 1.12 |
| Kentucky | 1.28 | 1.28 | 1.33 | 1.36 | 1.32 | 1.38 | 1.38 | 1.45 | 1.52 | 1.48 | 1.51 |
| Louisiana | 1.35 | 1.29 | 1.32 | 1.28 | 1.38 | 1.42 | 1.43 | 1.45 | 1.49 | 1.57 | 1.78 |
| Maine | 1.30 | 1.32 | 1.33 | 1.33 | 1.30 | 1.26 | 1.23 | 1.30 | 1.37 | 1.40 | 1.41 |
| Maryland | 1.27 | 1.25 | 1.24 | 1.30 | 1.28 | 1.27 | 1.24 | 1.28 | 1.30 | 1.37 | 1.30 |
| Massachusetts | 0.92 | 0.91 | 0.90 | 0.89 | 0.87 | 0.80 | 0.80 | 0.82 | 0.83 | 0.82 | 0.82 |
| Michigan | 0.77 | 0.78 | 0.82 | 0.83 | 0.84 | 0.87 | 0.90 | 0.88 | 0.85 | 0.87 | 0.92 |
| Minnesota | 0.78 | 0.76 | 0.80 | 0.81 | 0.83 | 0.83 | 0.80 | 0.77 | 0.68 | 0.68 | 0.72 |
| Mississippi | 1.54 | 1.61 | 1.56 | 1.54 | 1.60 | 1.73 | 1.82 | 1.83 | 1.82 | 1.82 | 2.02 |
| Missouri | 1.29 | 1.40 | 1.24 | 1.24 | 1.24 | 1.27 | 1.30 | 1.33 | 1.34 | 1.34 | 1.32 |
| Montana | 1.46 | 1.49 | 1.54 | 1.55 | 1.70 | 1.57 | 1.61 | 1.60 | 1.53 | 1.52 | 1.47 |
| Nebraska | 1.01 | 1.00 | 1.02 | 1.05 | 1.09 | 1.15 | 1.19 | 1.20 | 1.06 | 1.08 | 1.10 |
| Nevada | 0.73 | 0.78 | 0.73 | 0.75 | 0.74 | 0.77 | 0.75 | 0.71 | 0.66 | 0.62 | 0.65 |
| New Hampshire | 0.75 | 0.75 | 0.74 | 0.76 | 0.73 | 0.71 | 0.71 | 0.70 | 0.67 | 0.69 | 0.71 |
| New Jersey | 0.68 | 0.69 | 0.71 | 0.71 | 0.70 | 0.69 | 0.65 | 0.61 | 0.57 | 0.57 | 0.61 |
| New Mexico | 1.85 | 1.85 | 1.83 | 1.85 | 1.89 | 2.08 | 1.93 | 2.07 | 2.17 | 2.18 | 2.03 |
| New York | 0.87 | 0.86 | 0.86 | 0.87 | 0.87 | 0.88 | 0.81 | 0.82 | 0.82 | 0.82 | 0.79 |
| North Carolina | 0.95 | 1.01 | 1.01 | 1.01 | 1.02 | 1.07 | 1.07 | 1.06 | 1.06 | 1.06 | 1.08 |
| North Dakota | 1.47 | 1.37 | 1.58 | 1.52 | 1.62 | 1.77 | 1.90 | 1.96 | 1.66 | 1.65 | 1.68 |
| Ohio | 0.97 | 0.97 | 0.97 | 0.97 | 0.98 | 1.03 | 1.03 | 1.01 | 1.01 | 1.02 | 1.05 |
| Oklahoma | 1.30 | 1.32 | 1.33 | 1.36 | 1.41 | 1.44 | 1.43 | 1.46 | 1.45 | 1.41 | 1.36 |
| Oregon | 0.95 | 0.95 | 0.94 | 0.97 | 0.97 | 0.97 | 0.99 | 0.97 | 0.97 | 0.98 | 0.93 |
| Pennsylvania | 1.05 | 1.04 | 1.05 | 1.05 | 1.06 | 1.07 | 1.08 | 1.07 | 1.07 | 1.07 | 1.07 |

Continued on next page.

**Table 9.55-- ADJUSTED FEDERAL EXPENDITURES PER DOLLAR
OF TAXES: 1995 TO 2005-- Con.**

| State | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Rhode Island | 1.14 | 1.13 | 1.12 | 1.11 | 1.12 | 1.15 | 1.08 | 1.06 | 1.06 | 1.03 | 1.00 |
| South Carolina | 1.20 | 1.21 | 1.21 | 1.22 | 1.24 | 1.28 | 1.32 | 1.31 | 1.34 | 1.36 | 1.35 |
| South Dakota | 1.30 | 1.28 | 1.34 | 1.33 | 1.44 | 1.45 | 1.53 | 1.60 | 1.49 | 1.47 | 1.53 |
| Tennessee | 1.07 | 1.09 | 1.12 | 1.16 | 1.15 | 1.20 | 1.23 | 1.22 | 1.25 | 1.37 | 1.27 |
| Texas | 0.95 | 0.95 | 0.94 | 0.92 | 0.94 | 0.95 | 0.92 | 0.93 | 0.98 | 0.95 | 0.94 |
| Utah | 1.08 | 0.99 | 1.01 | 1.03 | 1.04 | 1.06 | 1.11 | 1.12 | 1.14 | 1.07 | 1.07 |
| Vermont | 1.03 | 1.04 | 1.01 | 1.03 | 1.07 | 1.09 | 1.11 | 1.11 | 1.15 | 1.16 | 1.08 |
| Virginia | 1.51 | 1.42 | 1.44 | 1.42 | 1.38 | 1.39 | 1.47 | 1.44 | 1.53 | 1.58 | 1.51 |
| Washington | 0.97 | 0.96 | 0.95 | 0.91 | 0.84 | 0.85 | 0.89 | 0.90 | 0.89 | 0.89 | 0.88 |
| West Virginia | 1.59 | 1.56 | 1.58 | 1.63 | 1.60 | 1.61 | 1.63 | 1.67 | 1.73 | 1.79 | 1.76 |
| Wisconsin | 0.80 | 0.81 | 0.84 | 0.86 | 0.87 | 0.90 | 0.89 | 0.86 | 0.82 | 0.83 | 0.86 |
| Wyoming | 1.08 | 1.03 | 1.03 | 1.06 | 1.06 | 1.08 | 1.09 | 1.07 | 1.16 | 1.13 | 1.11 |

Source: Tax Foundation, "Federal Taxes Paid vs. Federal Spending Received by State, 1981-2005"
(October 19, 2007) <<http://www.taxfoundation.org/research/topic/92.html>> accessed October 22, 2007.

**Table 9.56-- ADJUSTED FEDERAL EXPENDITURES PER DOLLAR
OF TAXES RANKING: 1995 TO 2005**

[For fiscal year ending September 30. Rank of 1 indicates highest ratio]

| State | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|----------------|-----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|
| Alabama | 8 | 9 | 8 | 8 | 9 | 7 | 7 | 7 | 6 | 5 | 7 |
| Alaska | 17 | 15 | 10 | 11 | 6 | 5 | 6 | 3 | 3 | 2 | 3 |
| Arizona | 21 | 21 | 22 | 23 | 21 | 21 | 24 | 23 | 21 | 20 | 21 |
| Arkansas | 16 | 17 | 15 | 14 | 13 | 13 | 11 | 9 | 14 | 13 | 14 |
| California | 38 | 38 | 37 | 39 | 41 | 44 | 42 | 42 | 43 | 43 | 43 |
| Colorado | 34 | 35 | 39 | 37 | 38 | 42 | 41 | 44 | 39 | 40 | 41 |
| Connecticut | 50 | 49 | 50 | 50 | 49 | 50 | 49 | 49 | 46 | 46 | 48 |
| Delaware | 41 | 42 | 43 | 43 | 37 | 38 | 40 | 40 | 44 | 44 | 44 |
| Dist. of Col. | (X) | (X) | (X) | (X) | (X) | (X) | (X) | (X) | (X) | (X) | (X) |
| Florida | 24 | 23 | 23 | 27 | 28 | 26 | 31 | 33 | 32 | 34 | 34 |
| Georgia | 33 | 32 | 32 | 33 | 33 | 33 | 33 | 31 | 34 | 33 | 32 |
| Hawaii | 15 | 7 | 7 | 6 | 7 | 8 | 9 | 10 | 12 | 10 | 12 |
| Idaho | 20 | 19 | 19 | 19 | 19 | 19 | 17 | 16 | 19 | 21 | 20 |
| Illinois | 47 | 48 | 46 | 46 | 46 | 45 | 46 | 46 | 45 | 45 | 45 |
| Indiana | 42 | 40 | 38 | 35 | 35 | 34 | 34 | 34 | 36 | 32 | 30 |
| Iowa | 26 | 24 | 24 | 21 | 20 | 24 | 21 | 21 | 30 | 25 | 24 |
| Kansas | 27 | 28 | 27 | 24 | 24 | 30 | 23 | 24 | 25 | 24 | 22 |
| Kentucky | 13 | 13 | 12 | 10 | 14 | 14 | 14 | 12 | 9 | 11 | 9 |
| Louisiana | 7 | 12 | 14 | 16 | 11 | 11 | 13 | 13 | 11 | 8 | 4 |
| Maine | 9 | 11 | 11 | 13 | 15 | 18 | 20 | 17 | 15 | 14 | 13 |
| Maryland | 14 | 16 | 16 | 15 | 16 | 16 | 18 | 19 | 18 | 16 | 18 |
| Massachusetts | 39 | 39 | 40 | 40 | 39 | 46 | 44 | 43 | 40 | 42 | 40 |
| Michigan | 45 | 44 | 44 | 44 | 44 | 40 | 37 | 38 | 38 | 38 | 37 |
| Minnesota | 44 | 46 | 45 | 45 | 45 | 43 | 45 | 45 | 47 | 48 | 46 |
| Mississippi | 3 | 2 | 4 | 4 | 4 | 3 | 3 | 3 | 2 | 3 | 2 |
| Missouri | 12 | 6 | 17 | 17 | 17 | 17 | 16 | 15 | 16 | 18 | 17 |
| Montana | 6 | 4 | 5 | 3 | 2 | 6 | 5 | 6 | 8 | 9 | 11 |
| Nebraska | 30 | 30 | 28 | 28 | 25 | 23 | 22 | 22 | 28 | 26 | 25 |
| Nevada | 48 | 45 | 48 | 48 | 47 | 47 | 47 | 47 | 49 | 49 | 49 |
| New Hampshire | 46 | 47 | 47 | 47 | 48 | 48 | 48 | 48 | 18 | 47 | 47 |
| New Jersey | 49 | 50 | 49 | 49 | 50 | 49 | 50 | 50 | 50 | 50 | 50 |
| New Mexico | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| New York | 40 | 41 | 41 | 41 | 42 | 39 | 43 | 41 | 42 | 41 | 42 |
| North Carolina | 36 | 29 | 30 | 31 | 31 | 28 | 30 | 28 | 27 | 19 | 27 |
| North Dakota | 5 | 8 | 3 | 5 | 3 | 2 | 2 | 2 | 5 | 6 | 6 |
| Ohio | 32 | 33 | 33 | 32 | 32 | 32 | 32 | 32 | 31 | 32 | 31 |
| Oklahoma | 11 | 10 | 13 | 9 | 10 | 10 | 12 | 11 | 13 | 15 | 15 |
| Oregon | 35 | 36 | 35 | 34 | 34 | 35 | 35 | 35 | 35 | 36 | 36 |
| Pennsylvania | 28 | 26 | 25 | 26 | 29 | 29 | 29 | 27 | 26 | 27 | 28 |

Continued on next page.

**Table 9.56-- ADJUSTED FEDERAL EXPENDITURES PER DOLLAR
OF TAXES RANKING: 1995 TO 2005-- Con.**

| State | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|
| Rhode Island | 19 | 20 | 20 | 22 | 23 | 22 | 28 | 30 | 29 | 30 | 33 |
| South Carolina | 18 | 18 | 18 | 18 | 18 | 15 | 15 | 18 | 15 | 17 | 16 |
| South Dakota | 10 | 14 | 9 | 12 | 8 | 9 | 8 | 8 | 11 | 12 | 8 |
| Tennessee | 25 | 22 | 21 | 20 | 22 | 20 | 19 | 20 | 20 | 19 | 19 |
| Texas | 37 | 37 | 36 | 36 | 36 | 36 | 36 | 36 | 33 | 35 | 35 |
| Utah | 22 | 31 | 29 | 30 | 30 | 31 | 25 | 26 | 22 | 28 | 29 |
| Vermont | 29 | 25 | 31 | 29 | 26 | 25 | 26 | 25 | 24 | 22 | 26 |
| Virginia | 4 | 5 | 6 | 7 | 12 | 12 | 10 | 14 | 7 | 7 | 10 |
| Washington | 31 | 34 | 34 | 38 | 43 | 41 | 39 | 37 | 37 | 37 | 38 |
| West Virginia | 2 | 3 | 2 | 2 | 5 | 4 | 4 | 5 | 4 | 4 | 5 |
| Wisconsin | 43 | 43 | 42 | 42 | 40 | 37 | 38 | 39 | 39 | 39 | 39 |
| Wyoming | 23 | 27 | 26 | 25 | 27 | 27 | 27 | 29 | 23 | 23 | 23 |

(X) Not applicable.

Source: Tax Foundation, "Federal Taxes Paid vs. Federal Spending Received by State, 1981-2005"
(October 19, 2007) <<http://www.taxfoundation.org/research/topic/92.html>> accessed October 22, 2007.

**Table 9.57-- PUBLIC BONDED DEBT OF STATE AND COUNTY
GOVERNMENTS: 1985 TO 2003**

[In millions of dollars. As of December 31 unless otherwise noted]

| Year | Total bonded debt 1/ | State debt | County debt | | | |
|---------|----------------------|------------|-------------|-------|--------|-------|
| | | | Honolulu | Maui | Hawaii | Kauai |
| 1985 | 3,131.5 | 2,621.2 | 404.0 | 30.8 | 56.7 | 18.8 |
| 1986 | 3,311.7 | 2,720.4 | 456.8 | 47.2 | 69.3 | 18.0 |
| 1987 | 3,298.4 | 2,700.7 | 448.7 | 48.8 | 67.3 | 32.9 |
| 1988 | 3,382.2 | 2,728.8 | 513.6 | 43.1 | 65.1 | 31.6 |
| 1989 | 3,710.4 | 2,969.9 | 559.5 | 73.6 | 72.4 | 35.0 |
| 1990 | 4,484.4 | 3,394.4 | 846.3 | 110.5 | 100.0 | 33.2 |
| 1991 | 5,298.0 | 4,214.0 | 831.2 | 108.5 | 96.9 | 47.4 |
| 1992 | 6,170.0 | 4,842.4 | 1,044.0 | 140.2 | 93.5 | 49.9 |
| 1993 | 6,924.8 | 5,219.7 | 1,362.6 | 170.4 | 124.5 | 47.6 |
| 1994 | 6,913.5 | 5,015.4 | 1,544.6 | 185.1 | 119.5 | 49.0 |
| 1995 | 7,078.1 | 5,126.1 | 1,604.0 | 188.4 | 114.1 | 45.5 |
| 1996 | 7,098.6 | 5,051.3 | 1,669.8 | 194.3 | 143.5 | 39.8 |
| 1997 | 7,239.3 | 5,258.1 | 1,616.2 | 188.2 | 139.0 | 37.8 |
| 1998 2/ | 7,808.0 | 5,773.6 | 1,639.2 | 223.8 | 133.2 | 38.3 |
| 1999 2/ | 7,768.4 | 5,582.6 | 1,788.6 | 235.1 | 126.4 | 35.7 |
| 2000 2/ | 8,023.2 | 5,745.2 | 1,831.6 | 236.8 | 149.3 | 60.4 |
| 2001 2/ | 7,855.2 | 5,471.6 | 1,932.7 | 234.9 | 141.2 | 74.8 |
| 2002 2/ | 8,856.6 | 6,072.0 | 2,312.1 | 246.3 | 155.9 | 70.2 |
| 2003 2/ | 8,861.0 | 5,793.8 | 2,592.3 | 243.0 | 165.6 | 66.2 |

1/ Outstanding state and county bonds, both general obligation and revenue bonds. Gross debt exclusive of cash reserves. Excludes bonds not chargeable to public funds and short-term bond anticipation notes.

2/ As of June 30.

Source: Tax Foundation of Hawaii, *Government in Hawaii*, table 52 (annual) and Tax Foundation of Hawaii unpublished compilations of Hawaii State Department of Accounting and General Services, *Annual Report of the Comptroller* (annual) and of the Finance Directors' Annual Reports of the City & County of Honolulu, and the counties of Hawaii, Kauai and Maui (various reports).

Table 9.58-- STATE GENERAL OBLIGATION BOND DEBT: 1990 TO 2007

[In thousands of dollars. For fiscal years ending June 30]

| Year | Total bonded indebtedness | General long-term obligations account group | Enterprise funds | Component unit - University of Hawaii |
|------|---------------------------|---|------------------|---------------------------------------|
| 1990 | 2,026,100 | 1,967,556 | 33,100 | 25,444 |
| 1991 | 2,274,846 | 2,222,324 | 27,700 | 24,822 |
| 1992 | 2,328,546 | 2,281,875 | 22,511 | 24,160 |
| 1993 | 2,767,691 | 2,726,654 | 17,577 | 23,460 |
| 1994 | 2,872,488 | 2,834,234 | 13,867 | 24,387 |
| 1995 | 2,934,965 | 2,901,651 | 9,948 | 23,366 |
| 1996 | 2,869,639 | 2,841,069 | 6,265 | 22,305 |
| 1997 | 3,102,288 | 3,075,862 | 5,231 | 21,195 |
| 1998 | 3,387,988 | 3,363,517 | 4,312 | 20,159 |
| 1999 | 3,189,298 | 3,166,880 | 3,468 | 18,950 |
| 2000 | 3,299,863 | 3,278,479 | 2,644 | 18,740 |
| 2001 | 3,244,857 | 3,225,635 | 1,799 | 17,423 |
| 2002 | (NA) | 3,568,001 | (NA) | (NA) |
| 2003 | (NA) | 3,634,738 | (NA) | (NA) |
| 2004 | (NA) | 3,954,192 | (NA) | (NA) |
| 2005 | (NA) | 4,256,633 | (NA) | (NA) |
| 2006 | (NA) | 4,322,964 | (NA) | (NA) |
| 2007 | (NA) | 4,079,714 | (NA) | (NA) |

NA Not available.

Source: Hawaii State Department of Accounting and General Services, *State of Hawaii, Comprehensive Annual Financial Report* (fiscal years 1990-2001), Schedule I-2, and for fiscal year 2000, Schedule K-3; and *Ibid. For the Fiscal Year Ended June 30* (fiscal years 2002-2007)

<<http://www.hawaii.gov/dags/divisions/divisions/Accounting/Annual%20Financial%20Report>> accessed June 10, 2008.

Table 9.59-- GOVERNMENT WORKERS, BY LEVEL OF GOVERNMENT, CIVIL SERVICE STATUS, AND MEMBERSHIP IN STATE RETIREMENT SYSTEM: 1940 TO 2007

| Year | Government jobs 1/ | | | | State civil service workers 2/ | State retirement system members 3/ |
|---------|--------------------|---------|--------------------|-----------|--------------------------------|------------------------------------|
| | All levels | Federal | Territory or State | County | | |
| 1940 | 22,136 | 11,139 | 6,245 | 4,752 | 2,616 | 8,352 |
| 1945 | 78,846 | 66,248 | 7,231 | 5,367 | 3,772 | 12,662 |
| 1950 | 33,140 | 18,891 | 7,955 | 6,294 | 5,280 | 16,120 |
| 1960 | 49,510 | 27,010 | 14,620 | 7,880 | 6,790 | 24,092 |
| 1970 | 73,640 | 33,380 | 30,600 | 9,660 | 10,166 | 38,912 |
| 1980 | 89,050 | 30,000 | 45,150 | 13,900 | 17,327 | 48,868 |
| 1990 | 105,600 | 34,200 | 57,100 | 14,400 | 20,654 | 53,509 |
| 1991 | 108,900 | 33,900 | 60,300 | 14,800 | (NA) | 55,604 |
| 1992 | 111,100 | 33,300 | 62,600 | 15,300 | 22,920 | 57,401 |
| 1993 | 111,500 | 31,800 | 64,200 | 15,500 | 24,267 | 59,518 |
| 1994 | 111,900 | 31,300 | 65,000 | 15,600 | 24,716 | 61,082 |
| 1995 | 111,400 | 31,100 | 63,900 | 4/ 16,400 | 24,138 | 60,687 |
| 1996 | 110,600 | 31,100 | 62,800 | 16,600 | 23,338 | 59,275 |
| 1997 | 111,700 | 30,700 | 64,300 | 16,800 | 23,133 | 59,500 |
| 1998 | 112,200 | 30,400 | 64,900 | 16,900 | 23,627 | 60,447 |
| 1999 | 112,800 | 30,300 | 65,800 | 16,700 | 23,927 | 61,164 |
| 2000 | 114,600 | 31,000 | 66,900 | 16,700 | 5/ 21,380 | 62,207 |
| 2001 | 114,450 | 30,100 | 67,300 | 17,100 | (NA) | 63,408 |
| 2002 | 117,950 | 30,650 | 70,150 | 17,150 | (NA) | 66,043 |
| 2003 | 119,150 | 31,650 | 70,550 | 16,950 | (NA) | 66,442 |
| 2004 | 120,050 | 31,450 | 71,500 | 17,100 | (NA) | 67,074 |
| 2005 | 119,650 | 31,300 | 71,150 | 17,200 | (NA) | 68,011 |
| 2006 6/ | 121,250 | 31,850 | 71,950 | 17,450 | (NA) | 69,233 |
| 2007 6/ | 122,000 | 31,650 | 72,400 | 17,950 | (NA) | 70,805 |

NA Not available.

1/ Data are annual averages and rounded to the nearest 50 except for the year 2000, which is rounded to the nearest 100. Totals may not add due to rounding.

2/ December 31 through 1960 and June 30 thereafter. State or Territorial workers in civil service system. Data exclude county employees, also covered by civil service.

3/ June 30 through 1960 and March 31 thereafter. Includes State or Territorial employees, county employees, and inactive members (those no longer employed by the State, Territory, or counties who have remained in the System), but excludes pensioners.

4/ 1995 data not comparable to earlier years.

5/ Does not include Hawaii Health Systems Corp. (HHSC). HHSC is a separate personnel jurisdiction apart from the civil service historically reported with the Department of Health and, since December 1999, its workforce data are not available.

6/ Data have been benchmarked by Hawaii Department of Labor & Industrial Relations in March 2008.

Source: Robert C. Schmitt, *Historical Statistics of Hawaii*, pp. 616-617; *Data Book 1978*, p. 158; Hawaii State Department of Labor and Industrial Relations, *Labor Force Data Book* (annual) and for 1990-2006 Job Count by Industry <<http://www.hiwi.org/article.asp?ARTICLEID=515&PAGEID=94&SUBID=>>> accessed march 28, 2008; Hawaii State Department of Human Resources Development, records; Employees' Retirement System of the State of Hawaii, *Comprehensive Annual Financial Report* (annual) and <http://www4.hawaii.gov/ers/financial_reports.htm> accessed June 19, 2008.

Table 9.60-- FEDERAL GOVERNMENT EMPLOYMENT, BY AGENCY: 2002 to 2007

[Fiscal year ending September 30. Excludes the U.S. Postal Service and individual state totals exclude the Federal Bureau of Investigation (FBI). Detail may not sum to department or agency total]

| Agency | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| TOTAL | 21,340 | 21,409 | 22,216 | 22,031 | 22,186 | 21,899 |
| Cabinet-level | 21,028 | 21,145 | 21,956 | 21,761 | 21,915 | 21,622 |
| Agriculture | 840 | 764 | 837 | 851 | 842 | 845 |
| Commerce | 283 | 296 | 328 | 348 | 379 | 378 |
| Defense | 17,013 | 15,969 | 16,587 | 16,485 | 16,716 | 16,186 |
| Air Force | 2,154 | 1,271 | 1,962 | 205 | 2,000 | 1,935 |
| Army | 4,512 | 4,377 | 4,350 | 4,372 | 4,591 | 4,499 |
| Other Defense | 1,040 | 1,056 | 1,060 | 1,045 | 1,085 | 934 |
| Navy/Marine Corps | 9,307 | 9,265 | 9,215 | 9,063 | 9,040 | 8,818 |
| Justice | 561 | 313 | 300 | 281 | 295 | 294 |
| Immig. Natural. Serv. | 236 | (1/) | (1/) | (1/) | (1/) | (1/) |
| U.S. Marshall's Service | 20 | 24 | 24 | 23 | 23 | 25 |
| Prisons | 229 | 209 | 197 | 183 | 197 | 195 |
| U.S. Attorney | 67 | 70 | 69 | 66 | 66 | 65 |
| Labor | 30 | 30 | 31 | 26 | 25 | 26 |
| Energy | 3 | 2 | 3 | 3 | 2 | 1 |
| Education | - | - | - | - | - | - |
| Health & Human Services | 99 | 22 | 25 | 26 | 22 | 152 |
| Homeland Security | (1/) | 1,957 | 2,038 | 1,946 | 1,868 | 1,933 |
| U.S.Coast Guard | (1/) | 123 | 119 | 124 | 130 | 134 |
| Immig. & Customs Enf. | (1/) | 260 | 65 | 67 | 65 | 74 |
| Customs & Border Prot. | (1/) | 273 | 414 | 389 | 366 | 346 |
| Trans. Security Admin. | (1/) | 1,157 | 1,268 | 1,188 | 1,117 | 1,302 |
| FEMA | (1/) | 39 | 143 | 144 | 157 | 41 |
| Housing & Urban Dev. | 26 | 27 | 25 | 28 | 28 | 27 |
| Interior | 532 | 560 | 573 | 594 | 565 | 581 |
| Nat'l Park Service | 298 | 321 | 333 | 349 | 338 | 351 |
| State | 19 | 23 | 22 | 23 | 15 | 16 |
| Transportation | 641 | 418 | 405 | 375 | 363 | 355 |
| Fed. Aviation Admin. | 425 | 402 | 389 | 361 | 349 | 339 |
| Fed. Highways Admin. | 13 | 13 | 13 | 11 | 12 | 13 |
| U.S. Coast Guard | 107 | (1/) | (1/) | (1/) | (1/) | (1/) |
| Treasury | 406 | 186 | 173 | 161 | 157 | 151 |
| IRS | 187 | 184 | 170 | 159 | 154 | 148 |
| Customs | 217 | (1/) | (1/) | (1/) | (1/) | (1/) |
| Veterans Affairs | 575 | 578 | 609 | 614 | 638 | 677 |
| Vets Benefits Admin. | 68 | 72 | 74 | 69 | 70 | 80 |
| Nat'l Cemeteries | 21 | 21 | 23 | 23 | 22 | 23 |
| Vets Health Admin. 2/ | 484 | 483 | 511 | 520 | 544 | 553 |
| Independent agencies | | | | | | |
| Large | 297 | 248 | 244 | 254 | 255 | 264 |
| Gen. Serv. Admin. | 65 | 55 | 54 | 54 | 50 | 51 |
| FEMA | 41 | (1/) | (1/) | (1/) | (1/) | (1/) |
| Social Security Admin. | 109 | 115 | 119 | 114 | 110 | 108 |
| Medium | 13 | 14 | 15 | 15 | 15 | 13 |
| Small | 2 | 2 | 1 | 1 | 1 | - |

1/ Agencies became part of the new Department of Homeland Security on November 25, 2002.

2/ Inadvertently misnamed as 'Veterans' Housing Administration' in previous *Data Book*.

Source: U.S. Office of Personnel Management, FedScope <http://www.fedscope.opm.gov/employment_access.asp> accessed December 13, 2007.

**Table 9.61--STATE AND LOCAL GOVERNMENT EMPLOYMENT AND PAYROLLS, BY FUNCTION:
MARCH 2006**

[In number of jobs and hours, and thousands of dollars]

| Government function | Employment | | | Payroll | | | Part-time hours paid (March) |
|---------------------------------|------------|-----------|----------------------|-------------|---------------------|---------------------|------------------------------|
| | Full-time | Part-time | Full-time equivalent | Total March | Full-time employees | Part-time employees | |
| Total | 63,105 | 20,175 | 69,594 | 268,647 | 248,441 | 20,205 | 1,142,344 |
| Financial administration | 1,617 | 11 | 1,621 | 6,222 | 6,198 | 25 | 756 |
| Other government administration | 1,841 | 225 | 1,931 | 7,791 | 7,478 | 312 | 15,842 |
| Judicial and legal | 2,909 | 75 | 2,947 | 12,497 | 12,350 | 148 | 6,640 |
| Police protection - officers | 2,849 | 30 | 2,856 | 14,775 | 14,760 | 15 | 1,198 |
| Police - other | 786 | 144 | 820 | 3,030 | 2,963 | 67 | 6,134 |
| Firefighters | 1,728 | 1 | 1,729 | 8,329 | 8,327 | 2 | 120 |
| Fire - other | 92 | 2 | 93 | 381 | 377 | 4 | 192 |
| Correction | 2,307 | 11 | 2,312 | 9,366 | 9,327 | 39 | 846 |
| Highways | 1,601 | 10 | 1,605 | 6,070 | 6,057 | 13 | 798 |
| Air transportation | 1,003 | 9 | 1,007 | 3,365 | 3,352 | 12 | 684 |
| Water transport & terminals | 206 | - | 206 | 768 | 768 | - | - |
| Public welfare | 1,067 | 90 | 1,102 | 3,780 | 3,719 | 61 | 6,130 |
| Health | 2,791 | 102 | 2,837 | 11,220 | 11,005 | 215 | 8,112 |
| Hospitals | 4,012 | 512 | 4,258 | 16,792 | 15,481 | 1,312 | 43,142 |
| Social insurance administration | 267 | 6 | 270 | 1,016 | 1,005 | 11 | 518 |
| Solid waste management | 543 | 3 | 544 | 2,257 | 2,256 | 1 | 146 |
| Sewerage | 675 | 3 | 676 | 2,881 | 2,880 | 1 | 144 |
| Parks and recreation | 1,844 | 1,577 | 2,197 | 6,653 | 5,886 | 767 | 62,064 |

Continued on next page.

**Table 9.61--STATE AND LOCAL GOVERNMENT EMPLOYMENT AND PAYROLLS, BY FUNCTION:
MARCH 2006 -- Con.**

| Government function | Employment | | | Payroll | | | Part-time hours paid (March) |
|----------------------------|------------|-----------|----------------------|-------------|---------------------|---------------------|------------------------------|
| | Full-time | Part-time | Full-time equivalent | Total March | Full-time employees | Part-time employees | |
| Housing & community devel. | 278 | 13 | 284 | 999 | 984 | 15 | 1,096 |
| Natural resources | 1,038 | 291 | 1,133 | 4,676 | 4,412 | 264 | 17,029 |
| Water supply | 976 | 16 | 987 | 4,066 | 4,038 | 28 | 1,982 |
| Transit | 47 | 11 | 57 | 154 | 145 | 9 | 1,818 |
| Elem & sec instructional | 17,447 | 6,098 | 19,152 | 74,325 | 68,344 | 5,981 | 300,032 |
| Elem & secondary - other | 4,545 | 3,902 | 5,645 | 13,605 | 11,042 | 2,563 | 193,624 |
| Higher ed instructional | 2,110 | 1,510 | 2,628 | 15,159 | 12,314 | 2,845 | 91,168 |
| Higher ed - other | 3,837 | 5,218 | 5,884 | 20,782 | 15,528 | 5,254 | 360,285 |
| Other education | 133 | 2 | 134 | 490 | 486 | 4 | 160 |
| Libraries | 485 | 240 | 576 | 1,698 | 1,546 | 152 | 16,004 |
| Other and unallocable | 4,071 | 63 | 4,103 | 15,497 | 15,410 | 87 | 5,680 |

Source: U.S. Census Bureau, State and Local Government Employment and Payroll Data, by State and by Function: March 2006 (March 5, 2007)
<<http://ftp2.census.gov/govs/apes/06stlall.xls>> accessed March 5, 2007.

Table 9.62-- STATE GOVERNMENT EMPLOYMENT AND PAYROLLS, BY FUNCTION: MARCH 2006

[In number of jobs and hours, and thousands of dollars]

| Government function | Employment | | | Payroll | | | Part-time hours paid (March) |
|---------------------------------|------------|-----------|----------------------|-------------|---------------------|---------------------|------------------------------|
| | Full-time | Part-time | Full-time equivalent | Total March | Full-time employees | Part-time employees | |
| Total | 48,912 | 18,711 | 54,958 | 207,276 | 188,078 | 19,198 | 1,064,090 |
| Financial administration | 689 | 1 | 690 | 2,556 | 2,552 | 4 | 120 |
| Other government administration | 661 | 171 | 736 | 2,603 | 2,341 | 262 | 13,244 |
| Judicial and legal | 2,349 | 63 | 2,380 | 9,951 | 9,818 | 133 | 5,448 |
| Correction | 2,307 | 11 | 2,312 | 9,366 | 9,327 | 39 | 846 |
| Highways | 847 | 1 | 847 | 3,525 | 3,524 | 1 | 78 |
| Air transportation | 1,003 | 9 | 1,007 | 3,365 | 3,352 | 12 | 684 |
| Water transport & terminals | 206 | - | 206 | 768 | 768 | - | - |
| Public welfare | 959 | 33 | 981 | 3,424 | 3,398 | 26 | 3,958 |
| Health | 2,556 | 94 | 2,600 | 10,020 | 9,817 | 203 | 7,680 |
| Hospitals | 4,012 | 512 | 4,258 | 16,792 | 15,481 | 1,312 | 43,142 |
| Social insurance administration | 267 | 6 | 270 | 1,016 | 1,005 | 11 | 518 |
| Parks and recreation | 139 | 518 | 179 | 545 | 454 | 91 | 7,040 |
| Natural resources | 1,032 | 288 | 1,127 | 4,657 | 4,397 | 259 | 16,797 |
| Elem & sec instructional | 17,447 | 6,098 | 19,152 | 74,325 | 68,344 | 5,981 | 300,032 |
| Elem & secondary - other | 4,545 | 3,902 | 5,645 | 13,605 | 11,042 | 2,563 | 193,624 |
| Higher ed instructional | 2,110 | 1,510 | 2,628 | 15,159 | 12,314 | 2,845 | 91,168 |
| Higher ed - other | 3,837 | 5,218 | 5,884 | 20,782 | 15,528 | 5,254 | 360,285 |
| Other education | 133 | 2 | 134 | 490 | 486 | 4 | 160 |
| Libraries | 482 | 240 | 573 | 1,685 | 1,533 | 152 | 16,004 |
| Other and unallocable | 3,331 | 34 | 3,349 | 12,640 | 12,595 | 45 | 3,262 |

Source: U.S. Census Bureau, State Government Employment and Payroll Data: March 2006 <<http://ftp2.census.gov/govs/apes/06stall.xls>> (March 5, 2007) accessed March 5, 2007.

Table 9.63-- LOCAL GOVERNMENT EMPLOYMENT AND PAYROLLS, BY FUNCTION: MARCH 2006

[In number of jobs and hours, and thousands of dollars]

| Government function | Employment | | | Payroll | | | Part-time hours paid (March) |
|---------------------------------|------------|-----------|----------------------|-------------|---------------------|---------------------|------------------------------|
| | Full-time | Part-time | Full-time equivalent | Total March | Full-time employees | Part-time employees | |
| Total | 14,193 | 1,464 | 14,636 | 61,371 | 60,363 | 1,008 | 78,254 |
| Financial administration | 928 | 10 | 931 | 3,667 | 3,646 | 21 | 636 |
| Other government administration | 1,180 | 54 | 1,195 | 5,188 | 5,138 | 50 | 2,598 |
| Judicial and legal | 560 | 12 | 567 | 2,546 | 2,531 | 15 | 1,192 |
| Police protection - officers | 2,849 | 30 | 2,856 | 14,775 | 14,760 | 15 | 1,198 |
| Police - other | 786 | 144 | 820 | 3,030 | 2,963 | 67 | 6,134 |
| Firefighters | 1,728 | 1 | 1,729 | 8,329 | 8,327 | 2 | 120 |
| Fire - other | 92 | 2 | 93 | 381 | 377 | 4 | 192 |
| Highways | 754 | 9 | 758 | 2,545 | 2,533 | 11 | 720 |
| Public welfare | 108 | 57 | 121 | 356 | 320 | 36 | 2,172 |
| Health | 235 | 8 | 237 | 1,200 | 1,188 | 12 | 432 |
| Solid waste management | 543 | 3 | 544 | 2,257 | 2,256 | 1 | 146 |
| Sewerage | 675 | 3 | 676 | 2,881 | 2,880 | 1 | 144 |
| Parks and recreation | 1,705 | 1,059 | 2,018 | 6,108 | 5,433 | 676 | 55,024 |
| Housing & community development | 278 | 13 | 284 | 999 | 984 | 15 | 1,096 |
| Natural resources | 6 | 3 | 6 | 19 | 15 | 4 | 232 |
| Water supply | 976 | 16 | 987 | 4,066 | 4,038 | 28 | 1,982 |
| Transit | 47 | 11 | 57 | 154 | 145 | 9 | 1,818 |
| Libraries | 3 | - | 3 | 13 | 13 | - | - |
| Other and unallocable | 740 | 29 | 754 | 2,857 | 2,815 | 42 | 2,418 |

Source: U.S. Census Bureau, Local Government Employment and Payroll Data, by State and by Function: March 2006 (March 5, 2007)
 <<http://ftp2.census.gov/govs/apcs/06locall.xls>> accessed March 5, 2007.

Table 9.64-- PUBLIC EMPLOYEES INCLUDED IN COLLECTIVE BARGAINING UNITS: 2007

[As of December 31]

| Bar- gain- ing unit | Job category | Total | State of Hawaii | City & County of Honolulu | County of Hawaii | County of Maui | County of Kauai | Dept. of Educ. | Judici- ary | Univer- sity of Hawaii | HHSC 1/ |
|------------------------------|---|--------|-----------------------|---------------------------------|------------------------|----------------------|-----------------------|----------------------|----------------|------------------------------|---------|
| | Total | 60,934 | 12,988 | 8,200 | 2,153 | 1,915 | 978 | 22,238 | 1,580 | 7,264 | 3,618 |
| 1 | Blue-collar nonsupervisors | 8,699 | 1,983 | 1,914 | 500 | 548 | 354 | 2,319 | 70 | 513 | 498 |
| 2 | Blue-collar supervisors | 830 | 182 | 226 | 51 | 40 | 14 | 265 | 3 | 19 | 30 |
| 3 | White-collar nonsupervisors | 14,194 | 4,423 | 1,707 | 604 | 527 | 241 | 4,298 | 853 | 873 | 668 |
| 4 | White-collar supervisors | 865 | 281 | 142 | 41 | 24 | 16 | 259 | 52 | 28 | 22 |
| 5 | Teachers & other personnel 2/ | 13,328 | - | - | - | - | - | 13,328 | - | - | - |
| 6 | Educational officers 3/ | 812 | - | - | - | - | - | 812 | - | - | - |
| 7 | Faculty of the University of Hawaii and the community college system | 3,810 | - | - | - | - | - | - | - | 3,810 | - |
| 8 | Personnel of the University of Hawaii and the community college system, other than faculty | 2,011 | - | - | - | - | - | - | - | 2,011 | - |
| 9 | Registered prof. nurses | 1,437 | 368 | - | 1 | - | - | 2 | 2 | 8 | 1,056 |
| 10 | Institutional, health and correctional workers | 2,862 | 1,513 | 201 | - | - | - | 26 | 43 | 2 | 1,077 |
| 11 | Firefighters | 1,854 | 135 | 1,005 | 322 | 273 | 119 | - | - | - | - |
| 12 | Police officers | 2,786 | - | 1,995 | 383 | 292 | 116 | - | - | - | - |
| 13 | Prof. & scientific employees 4/ | 7,446 | 4,103 | 1,010 | 251 | 211 | 118 | 929 | 557 | - | 267 |

1/ Hawaii Health Systems Corporation.

2/ Includes teachers and other personnel of the Department of Education under same salary schedule and part-time employees working less than 20 hours a week who are equal to one-half of a full-time equivalent.

3/ Also includes other Department of Education personnel under same salary schedule.

4/ Professional & scientific employees, who cannot be included in any other bargaining units.

Source: State of Hawaii Labor Relations Board, *HLRB Informational Bulletin* No. 46, March 3, 2008.

**Table 9.65-- SALARIES OF SELECTED GOVERNMENT OFFICIALS:
2002 TO 2007**

[Annual rates, in dollars, as of January 1]

| Government official | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Governor | 94,780 | 94,780 | 94,780 | 94,780 | 94,780 | 112,000 |
| Lieutenant Governor | 90,041 | 90,041 | 90,041 | 90,041 | 90,041 | 100,000 |
| Mayor, Honolulu 1/ | 112,200 | 112,200 | 112,200 | 112,200 | 116,688 | 122,000 |
| Mayor, Hawaii 2/ | 78,564 | 85,080 | 85,080 | 85,080 | 85,080 | 85,080 |
| Mayor, Maui 3/ | 96,000 | 96,000 | 96,000 | 103,860 | 103,860 | 103,860 |
| Mayor, Kauai 4/ | 73,118 | 73,118 | 73,118 | 80,000 | 80,000 | 80,000 |
| Chief Justice, Supreme Court 5/ | 116,779 | 116,779 | 116,779 | 116,779 | 116,779 | 116,779 |
| Assoc. Justice, Supreme Court 5/ | 115,547 | 115,547 | 115,547 | 115,547 | 115,547 | 115,547 |
| President, University of Hawaii 6/ | 442,000 | 442,000 | 442,000 | 325,000 | 360,000 | 360,000 |

1/ Had increased to \$110,000 effective July 1, 2000; and a 2 percent increase to \$112,200 effective July 1, 2001. A resolution to reject the Salary Commission's recommendation to increase to \$115,566 was adopted by the City Council on May 29, 2002, subsequent increases to \$116,688 recommended on April 20, 2005 and to \$122,000 on April 27, 2006 were not rejected within the 60-day limit and therefore are effective on July 1 of that year. Similarly, the Mayor's salary increased by 5 percent to \$128,100 on July 1, 2007.

2/ The Mayor's salary of \$78,564 became effective on December 4, 2000. By Salary Commission recommendation of April 19, 2002, the Mayor's salary increased to \$85,080 effective June 30, 2002.

3/ On January 1, 2002 the Mayor's salary increased 7 percent from \$89,712 to \$96,000 and to \$103,860 effective July 1, 2004. 2005 and 2006 are revised from previous *Data Book*.

4/ 2005 and 2006 were revised from previous *Data Book*.

5/ On February 16, 2000, Governor Benjamin J. Cayetano signed a bill that rectifies a measure passed by the 1999 Legislature. This mandates an increase of 4 percent over two years which was retroactive to July 1, 1999.

6/ For 1996-2000, Kenneth J. Mortimer's contract, expiring June 30, 2003, reportedly included use of the residence at College Hill and of a car. The Board of Regents was not available to confirm the contract and salary specifics. The contracted salary for Evan S. Dobbelle of \$442,000 was effective July 2, 2001 and was to run to June 30, 2008 but was terminated by the Board of Regents on June 15, 2004. David McClain was named interim president by the Board of Regents effective August 15, 2004 through August 14, 2006. Terms of the contract include an annual salary of \$325,000 a year, residence at College Hill, a monthly car allowance of \$326, and a year of sabbatical leave upon successful completion of the two-year appointment with compensation set at \$190,000. The Board of Regents and David McClain agreed on March 7, 2006 on a March 1, 2006 - July 31, 2009 contract including \$360,000 annual salary plus free use of Manoa's College Hill mansion; \$326 monthly auto allowance and parking; an unspecified amount of expense account while on UH business for him and wife and post-contract a \$250,000 year's sabbatical; tenured professorship at \$250,000 per school year. It also provides a severance of one-year's pay if McClain involuntarily leaves the university before the contract expires.

Source: City & County of Honolulu, Hawaii, Maui, and Kauai County Mayor's offices, ordinances and Salary Commissions records; Hawaii State Department of Business, Economic Development & Tourism telephone surveys, various Honolulu Advertiser articles, and *Honolulu Star-Bulletin* "UH, McClain sign 3-year deal", March 8, 2006.

Section 10

NATIONAL DEFENSE

This section presents statistics relating to the armed forces and their family members, National Guard expenditures and strength, civilian employment in national defense, veterans, land controlled by the U.S. Department of Defense (DOD), military housing, and expenditures by the armed forces. Additional information appears in sections 1, 2, 9, 12, and 23.

The Hawaii State Department of Business, Economic Development & Tourism (DBEDT) has compiled periodic reports on military personnel and dependents since 1959. Other published sources include reports of the U.S. DOD, U.S. Census Bureau, U.S. Department of Veterans Affairs, the Hawaii State Department of Labor and Industrial Relations and the Hawaii State Department of Defense. Definitions used by these sources differ to some degree, and care is necessary in comparing data issued by two or more agencies. *Historical Statistics of Hawaii*, Section 26, includes series on the armed forces dating back to 1795. Section 10 of the *Statistical Abstract of the United States: 2008* presents data on national defense and veterans affairs for other states and the U.S. as a whole.

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**Table 10.01-- HAWAII RESIDENTS ON ACTIVE DUTY WITH THE
U.S. ARMED FORCES WORLDWIDE: 1950 TO 2002**

[As of June 30, unless otherwise specified. 1950-1979 based on pre-service residence;
1980-1995 and 2002, on home of record]

| Year | Number | Year | Number | Year | Number |
|---------|--------|---------|--------|---------|--------|
| 1950 | 7,699 | 1968 | 22,433 | 1986 | 10,882 |
| 1951 | 10,958 | 1969 | 15,856 | 1987 | 10,896 |
| 1952 | 16,594 | 1970 | 15,331 | 1988 | 10,548 |
| 1953 | 16,217 | 1971 | 13,600 | 1989 1/ | 10,501 |
| 1954 | 16,189 | 1972 | 11,600 | 1990 | 10,052 |
| 1955 | 15,175 | 1973 | 10,200 | 1991 | 10,076 |
| 1956 | 15,243 | 1974 | 10,810 | 1992 | 8,432 |
| 1957 | 14,687 | 1975 | 10,640 | 1993 | 7,621 |
| 1958 | 13,310 | 1976 | 10,600 | 1994 | 5,098 |
| 1959 | 12,596 | 1977 | 10,640 | 1995 2/ | 4,237 |
| 1960 3/ | 12,662 | 1978 | 10,715 | 1996 | (NA) |
| 1961 | 11,340 | 1979 3/ | 11,069 | 1997 | (NA) |
| 1962 | 13,464 | 1980 | 11,851 | 1998 | (NA) |
| 1963 | 14,944 | 1981 | 11,927 | 1999 | (NA) |
| 1964 | 15,000 | 1982 | 11,926 | 2000 | (NA) |
| 1965 | 15,109 | 1983 | 11,641 | 2001 | (NA) |
| 1966 | 15,875 | 1984 | 11,466 | 2002 4/ | 3,970 |
| 1967 | 18,048 | 1985 | 10,827 | | |

NA Not available.

1/ U.S. military personnel stationed abroad as of December 31, 1989 included 3,782 whose home of record was Hawaii and 5,049 whose last duty station was Hawaii (data from U.S. Bureau of the Census, Press Clippings, CB90-28, July 23, 1990).

2/ For 1995, Defense Manpower Data Center does not include home-of-record for U.S. Air Force.

3/ As of March 31 or April 1.

4/ As of December 31.

Source: 1950-1969 estimates by U.S. Bureau of the Census, in Hawaii State Department of Planning and Economic Development, *Military Personnel and Dependents in Hawaii, July 1977* (Statistical Report 120, September 9, 1977), table 5; 1970-2002 from U.S. Department of Defense, Defense Manpower Data Center, records.

**Table 10.02-- ACTIVE DUTY BY LEGAL RESIDENCE
AND SELECTED RESERVES BY HOME OF RECORD: 2002**

[As of December 31, 2002]

| Category | Selected reserves by home of record | | Active duty by legal residence | |
|-------------------------------|--|--------|-----------------------------------|--------|
| | United States | Hawaii | United States | Hawaii |
| Total | 876,527 | 9,108 | 1,399,751 | 3,970 |
| American Indian/Alaska Native | 8,275 | 52 | 15,795 | 13 |
| Asian/Pacific Islander | 26,640 | 5,639 | 56,667 | 2,630 |
| Black | 143,672 | 436 | 275,205 | 173 |
| White | 611,482 | 2,122 | 897,514 | 710 |
| Hispanic | 70,333 | 374 | 127,900 | 149 |
| Other/unknown | 16,125 | 485 | 26,670 | 295 |
| Other | (NA) | (NA) | 13,869 | 95 |
| Unknown | (NA) | (NA) | 12,801 | 200 |
| Total | 876,527 | 9,108 | 1,399,751 | 3,970 |
| Female | 151,656 | 1,656 | 210,085 | 592 |
| Male | 724,871 | 7,452 | 1,189,666 | 3,378 |

NA Not available.

Source: U.S. Department of Defense, Directorate of Information, Operations and Reports unpublished compilation, September 10, 2003 based on Defense Manpower Data Center unpublished data.

Table 10.03-- ACTIVE DUTY PERSONNEL, BY SERVICE: 1953 TO 2007

[As of June 30 for 1953 to 1956; as of September 30 for 1957 to 2007. Excludes Coast Guard]

| Year | Total 1/ | Army | Navy | Marine Corps | Air Force | Year | Total 1/ | Army | Navy | Marine Corps | Air Force |
|------|----------|--------|--------|--------------|-----------|------|----------|--------|--------|--------------|-----------|
| 1953 | 24,785 | 5,872 | 7,657 | 6,040 | 5,216 | 1981 | 44,141 | 17,962 | 10,948 | 9,070 | 6,161 |
| 1954 | 23,654 | 7,957 | 6,443 | 4,155 | 5,099 | 1982 | 44,470 | 17,457 | 11,880 | 8,926 | 6,207 |
| 1955 | 40,258 | 19,821 | 5,211 | 9,677 | 5,549 | 1983 | 44,651 | 17,466 | 12,671 | 7,926 | 6,588 |
| 1956 | 37,470 | 16,531 | 5,237 | 9,490 | 6,212 | 1984 | 47,648 | 19,222 | 12,960 | 8,703 | 6,763 |
| 1957 | 40,683 | 17,511 | 5,466 | 9,608 | 8,098 | 1985 | 46,875 | 18,262 | 12,722 | 9,192 | 6,699 |
| 1958 | 35,076 | 14,672 | 4,908 | 8,670 | 6,826 | 1986 | 46,122 | 18,153 | 12,938 | 8,752 | 6,279 |
| 1959 | 36,310 | 15,438 | 5,309 | 8,470 | 7,093 | 1987 | 47,262 | 18,905 | 12,975 | 9,263 | 6,119 |
| 1960 | 35,412 | 15,492 | 5,687 | 7,756 | 6,477 | 1988 | 45,843 | 18,170 | 12,479 | 9,365 | 5,829 |
| 1961 | 39,474 | 16,945 | 5,774 | 9,679 | 7,076 | 1989 | 45,935 | 18,788 | 12,403 | 9,179 | 5,565 |
| 1962 | 41,657 | 17,645 | 6,664 | 9,903 | 7,445 | 1990 | 41,887 | 18,590 | 12,289 | 5,618 | 5,390 |
| 1963 | 40,610 | 16,589 | 6,545 | 9,950 | 7,526 | 1991 | 44,092 | 18,173 | 12,040 | 8,571 | 5,308 |
| 1964 | 45,046 | 18,566 | 6,777 | 10,613 | 9,090 | 1992 | 44,864 | 18,666 | 12,321 | 8,945 | 4,932 |
| 1965 | 41,984 | 20,006 | 6,700 | 6,154 | 9,124 | 1993 | 42,958 | 18,831 | 11,272 | 8,147 | 4,708 |
| 1966 | 30,136 | 8,712 | 6,251 | 4,485 | 10,688 | 1994 | 42,161 | 19,485 | 11,510 | 6,484 | 4,682 |
| 1967 | 34,338 | 10,923 | 7,041 | 5,277 | 11,097 | 1995 | 38,172 | 16,672 | 10,738 | 6,198 | 4,564 |
| 1968 | 42,332 | 10,871 | 14,961 | 5,509 | 10,991 | 1996 | 36,392 | 15,225 | 10,643 | 5,953 | 4,571 |
| 1969 | 43,018 | 12,918 | 12,652 | 6,361 | 11,087 | 1997 | 34,826 | 15,249 | 9,840 | 6,123 | 3,614 |
| 1970 | 38,397 | 9,639 | 11,996 | 7,189 | 9,573 | 1998 | 34,643 | 15,133 | 7,882 | 7,081 | 4,547 |
| 1971 | 34,515 | 9,738 | 10,392 | 5,319 | 9,066 | 1999 | 32,708 | 14,692 | 7,397 | 6,136 | 4,483 |
| 1972 | 39,150 | 13,093 | 10,752 | 6,803 | 8,502 | 2000 | 33,930 | 15,483 | 7,998 | 5,960 | 4,489 |
| 1973 | 43,809 | 17,336 | 10,729 | 7,695 | 8,049 | 2001 | 34,322 | 15,709 | 8,349 | 5,821 | 4,443 |
| 1974 | 42,204 | 17,581 | 10,072 | 7,192 | 7,359 | 2002 | 34,608 | 15,985 | 8,654 | 5,680 | 4,289 |
| 1975 | 43,071 | 17,312 | 10,852 | 8,403 | 6,504 | 2003 | 34,203 | 15,985 | 8,381 | 5,161 | 4,676 |
| 1976 | 43,903 | 18,037 | 10,531 | 9,174 | 6,161 | 2004 | 35,061 | 17,068 | 7,694 | 5,541 | 4,758 |
| 1977 | 42,835 | 17,476 | 9,647 | 9,783 | 5,929 | 2005 | 32,629 | 15,458 | 6,524 | 5,796 | 4,851 |
| 1978 | 43,907 | 18,711 | 10,458 | 8,796 | 5,942 | 2006 | 34,935 | 18,687 | 6,080 | 5,050 | 5,118 |
| 1979 | 45,408 | 17,446 | 10,562 | 11,397 | 6,003 | 2007 | 34,838 | 19,867 | 5,595 | 4,483 | 4,893 |
| 1980 | 43,313 | 17,118 | 10,976 | 9,277 | 5,942 | | | | | | |

1/ Exclude personnel afloat or temporary shore-based, but include deployed for Operation Iraqi Freedom and Operation Enduring Freedom.

Source: U.S. Department of Defense, Defense Manpower Data Center, Statistical Information Analysis Division, Historical Military Personnel and Active Duty Military Personnel by Service by Region/Country, Total DOD - September 30 (annual)
<http://siadapp.dmdc.osd.mil/personnel/MILITARY/Miltop.htm> accessed January 22, 2008.

**Table 10.04-- DEPARTMENT OF DEFENSE PERSONNEL
AND DEPENDENTS: 1989 TO 2007**

[As of September 30. Includes personnel performing civil functions, primarily those associated with the Army Corps of Engineers. Excludes Coast Guard]

| Year | Total | Active-duty shore-based military personnel 1/ | Dependents of active-duty military personnel 2/ | Direct-hire civilian personnel |
|------|---------|---|---|--------------------------------|
| 1989 | 120,905 | 45,935 | 54,724 | 20,246 |
| 1990 | 113,471 | 41,887 | 51,727 | 19,857 |
| 1991 | 113,076 | 44,092 | 50,006 | 18,978 |
| 1992 | 110,428 | 44,864 | 47,671 | 17,893 |
| 1993 | 105,911 | 42,958 | 45,612 | 17,341 |
| 1994 | 99,188 | 42,161 | 39,989 | 17,038 |
| 1995 | 114,139 | 38,172 | 58,788 | 17,179 |
| 1996 | 111,002 | 36,392 | 57,786 | 16,824 |
| 1997 | 109,762 | 34,826 | 57,720 | 17,216 |
| 1998 | 104,018 | 34,643 | 52,643 | 16,732 |
| 1999 | 100,084 | 32,708 | 51,063 | 16,313 |
| 2000 | 100,826 | 33,930 | 50,804 | 16,092 |
| 2001 | 98,895 | 34,322 | 48,617 | 15,956 |
| 2002 | 98,118 | 34,608 | 47,002 | 16,508 |
| 2003 | 96,925 | 34,203 | 46,120 | 16,602 |
| 2004 | 98,835 | 35,061 | 47,198 | 16,576 |
| 2005 | 102,200 | 32,629 | 53,264 | 16,307 |
| 2006 | (NA) | 34,935 | (NA) | 17,079 |
| 2007 | (NA) | 34,838 | (NA) | (NA) |

NA Not available.

1/ Excludes Navy personnel afloat or temporary shore-based, e.g., approximately 6,000 as of September 30, 2006. See elsewhere in Section 10 for personnel data which includes afloat Navy and Marine Corps.

2/ Includes dependents of Hawaii residents stationed out of the State, if those dependents remained in Hawaii.

Source: U.S. Department of Defense, Defense Manpower Data Center, Directorate for Information, Operations and Reports, Statistical Information Analysis Division, *Department of Defense Selected Manpower Statistics* (annual through 1996); *Worldwide Manpower Distribution by Geographical Area, September 30* (annual 1997 to 2005); *Distribution of Personnel by State and by Selected Locations, September 30, 2006* <<http://siadapp.dmdc.osd.mil/personnel/Pubs.htm>> accessed June 3, 2008; and *Active Duty Military Personnel by Service by Region/Country, Total - DOD September 30* (annual 2006 and 2007) <<http://siadapp.dmdc.osd.mil/personnel/MILITARY/Miltop.htm>> accessed January 22, 2008.

**Table 10.05-- DEPARTMENT OF DEFENSE PERSONNEL, BY SELECTED LOCATION:
SEPTEMBER 30, 2006**

| Installation or geographic area | Total personnel | Military personnel 1/ | | | | | Civilian personnel | | | | |
|---------------------------------|-----------------|-----------------------|--------|--------|---------|-----------|--------------------|---------|--------------|-----------|------------------------|
| | | Total | Army | Navy | Marines | Air Force | Total | Army 2/ | Navy/ Marine | Air Force | Other defense agencies |
| Total | 62,445 | 45,366 | 18,687 | 13,412 | 8,149 | 5,118 | 17,079 | 4,750 | 9,130 | 2,109 | 1,090 |
| Aiea | 273 | 243 | - | 239 | - | 4 | 30 | - | 22 | - | 8 |
| Barbers Point NAS | 141 | 41 | - | 41 | - | - | 100 | - | 38 | 23 | 39 |
| Camp H.M. Smith | 1,404 | 1,095 | 435 | - | 389 | 271 | 309 | - | 272 | 27 | 10 |
| Ford Island | 287 | 15 | - | 4 | 11 | - | 272 | 2 | 102 | - | 168 |
| Fort Shafter | 2,667 | 1,425 | 1,425 | - | - | - | 1,242 | 1,228 | - | - | 14 |
| Hickam AFB | 6,004 | 4,008 | - | 6 | 21 | 3,981 | 1,996 | 2 | 61 | 1,823 | 110 |
| Honolulu | 1,397 | 294 | 196 | 72 | - | 26 | 1,103 | 199 | 787 | 14 | 103 |
| Kaneohe | 9,661 | 9,046 | - | 1,464 | 7,580 | 2 | 615 | - | 549 | - | 66 |
| Kauai Island | 180 | 45 | - | 45 | - | - | 135 | 1 | 133 | - | 1 |
| Kunia | 1,706 | 1,602 | - | 1,035 | 95 | 472 | 104 | 31 | 71 | 2 | - |
| Oahu Island | 303 | 34 | - | 34 | - | - | 269 | 268 | - | - | 1 |
| Pearl City | 350 | 2 | - | 2 | - | - | 348 | 16 | 332 | - | - |
| Pearl Harbor | 12,707 | 10,564 | 249 | 10,072 | 52 | 191 | 2,143 | 2 | 1,764 | - | 377 |
| Schofield Barracks | 15,314 | 14,376 | 14,376 | - | - | - | 938 | 815 | 21 | - | 102 |
| Tripler Army Med Ctr | 2,888 | 1,298 | 1,292 | 2 | - | 4 | 1,590 | 1,578 | 12 | - | - |
| Wahiawa | 493 | 372 | - | 372 | - | - | 121 | 14 | 103 | - | 4 |
| Wheeler AFB/Army Fld | 1,512 | 877 | 714 | - | - | 163 | 635 | 443 | 8 | 97 | 87 |
| Other | 5,158 | 29 | - | 24 | 1 | 4 | 5,129 | 151 | 4,855 | 123 | - |

1/ Active duty. In some instances, the military departments, Army, Navy, and Air Force, report personnel by parent installation rather than their operating location. Navy/Marine Corps includes military shore-based personnel and temporary shore-based personnel and beginning with FY 2005 state locations also include those personnel in an afloat duty status. There are approximately 8,000 personnel afloat for Hawaii.

2/ Direct hire civilian personnel include employees involved in civil functions in the Army Corps of Engineers and cemetery employees

Source: U.S. Department of Defense, Defense Manpower Data Center, Directorate for Information Operations and Reports, Statistical Information Analysis Division, "Distribution of Personnel by State and by Selected Locations, September 30, 2006"

<<http://siadapp.dmdc.osd.mil/personnel/M02/fy06/06top.htm>> accessed December 31, 2007.

**Table 10.06-- DEPARTMENT OF DEFENSE SUMMARY OF PERSONNEL,
PAYROLLS, AND PRIME CONTRACT AWARDS: 2006**

[In persons and thousands of dollars. For fiscal year ending September 30]

| Personnel or expenditure | Total | Army | Navy & Marine Corps | Air Force | Other defense activities |
|---------------------------------|------------------|------------------|--|------------------|---|
| Total personnel 1/ | 73,782 | 29,783 | 32,239 | 10,670 | 1,090 |
| Active duty military | 45,366 | 18,687 | 21,561 | 5,118 | - |
| Civilian | 17,079 | 4,750 | 9,130 | 2,109 | 1,090 |
| Reserve & National Guard | 11,337 | 6,346 | 1,548 | 3,443 | - |
| Total expenditures | 6,104,108 | 2,140,418 | 2,441,796 | 979,262 | 542,632 |
| Payroll outlays | 4,064,063 | 1,481,322 | 1,893,689 | 625,831 | 63,221 |
| Active duty military | 2,302,847 | 929,402 | 1,000,411 | 373,034 | - |
| Civilian | 1,300,936 | 317,855 | 769,490 | 150,370 | 63,221 |
| Reserve & National Guard | 151,745 | 132,229 | 3,922 | 15,594 | - |
| Retired military | 308,535 | 101,836 | 119,866 | 86,833 | - |
| Contracts 2/ | 1,963,468 | 602,984 | 537,101 | 344,092 | 479,291 |
| Supply & equipment | 595,194 | 58,217 | 52,850 | 33,122 | 451,005 |
| RDT & E 3/ | 80,839 | 16,885 | 19,105 | 41,505 | 3,344 |
| Service | 1,074,491 | 355,052 | 426,730 | 267,787 | 24,922 |
| Construction | 210,392 | 171,278 | 38,416 | 1,678 | 20 |
| Civil function | 2,552 | 2,552 | - | - | - |
| Grants | 76,577 | 56,112 | 11,006 | 9,339 | 120 |

Top Ten Contractors receiving the largest dollar volume of prime contract awards

| Contractor name | Amount | Contractor name | Amount |
|------------------------------------|---------------|------------------------------------|---------------|
| Tesoro Petroleum Corporation | 254,918 | Nan. Inc. | 50,589 |
| BAE Systems PLC | 83,510 | Hawaiian Electric Industries, Inc. | 48,993 |
| Amerisourcebergen Corporation | 58,338 | ITT Corporation | 46,897 |
| Science Applications International | 55,696 | Chugach Alaska Corporation | 44,037 |
| Weeks Marine, Inc. | 53,615 | URS Corporation | 43,754 |

Continued on next page.

**Table 10.06-- DEPARTMENT OF DEFENSE SUMMARY OF PERSONNEL,
PAYROLLS, AND PRIME CONTRACT AWARDS: 2006 -- Con.**

| Major locations of expenditures | Total | Payroll outlays | Grants and contracts |
|--|--|-----------------------------|-----------------------------|
| Schofield Barracks | 1,073,542 | 777,775 | 295,767 |
| Pearl Harbor | 775,952 | 704,885 | 71,067 |
| Hickam Air Force Base | 752,245 | 438,189 | 314,056 |
| Honolulu | 558,387 | 189,574 | 368,813 |
| Kaneohe | 426,667 | 422,616 | 4,051 |
| Aiea | 304,348 | 39,051 | 265,297 |
| Fort Shafter | 297,843 | 223,528 | 74,315 |
| Tripler Army Medical Center | 264,654 | 158,978 | 105,676 |
| Wheeler AFB/Army Field | 99,205 | 94,324 | 4,881 |
| Camp H.M. Smith | 95,291 | 93,394 | 1,897 |
| Major locations of personnel | Total military & civilian | Active duty military | Civilian |
| Schofield Barracks | 15,314 | 14,376 | 938 |
| Pearl Harbor | 12,707 | 10,564 | 2,143 |
| Kaneohe | 9,661 | 9,046 | 615 |
| Hickam Air Force Base | 6,004 | 4,008 | 1,996 |
| Tripler Army Medical Center | 2,888 | 1,298 | 1,590 |
| Fort Shafter | 2,667 | 1,425 | 1,242 |
| Kunia | 1,706 | 1,602 | 104 |
| Wheeler AFB/Army Field | 1,512 | 877 | 635 |
| Camp H.M. Smith | 1,404 | 1,095 | 309 |
| Honolulu | 1,397 | 294 | 1,103 |

1/ Beginning with FY 2005, afloat Navy and Marine Corps are included in personnel counts.

2/ Prime contracts are generally reported at the location where the work is performed.

Use of prime contract data is not a means of measuring the total volume of defense work performed within a state, as a substantial amount of the work may be subcontracted. Prior to FY 2005, procurement data were only reported for contract awards exceeding \$25,000. As of FY 2005, all awards are included.

3/ RDT&E Research, Development, Test, and Evaluation.

Source: U.S. Department of Defense, Defense Manpower Data Center, Directorate for Information, Operations and Reports, Statistical Information Analysis Division, *Atlas/Data Abstract for the United States and Selected Areas: Fiscal Year 2006* (December 28, 2007)

<<http://siadapp.dmdc.osd.mil/personnel/L03/fy06/06top.htm>> accessed December 28, 2007.

**Table 10.07-- DEFENSE-RELATED APPROPRIATIONS BILL
HAWAII-RELATED INITIATIVES: 2008**

[In millions of dollars. For fiscal year ending September 30. The Bill was signed into law
(Public Law 110-116) by President George W. Bush on November 13, 2007]

| Subject | Amount |
|---|---------------|
| Total | 208.00 |
| Oahu/Statewide | 80.10 |
| Hawaii Tech. Dev. Venture - commercialization of defense & homeland security tech. & provides an opp't'y for companies in Hawaii to develop adv. tech. for national defense | 10.00 |
| Center of Excellence for Research in Ocean Studies (CEROS) | 10.00 |
| Electrical distribution upgrade at Hickam Air Force Base | 7.00 |
| Intelligent Decision Exploration (INDEX) - enhance force protection during coalition ops. | 5.50 |
| Hawaii Undersea Chemical Weapons Assessment Program | 5.50 |
| Defense dependents education support and school repairs | 5.50 |
| Low-Earth Orbit Nanosatellite Integrated Defense Autonomous System (LEONIDAS) | 4.00 |
| Army conservation and ecosystem management | 3.50 |
| Theater Undersea Warfare Initiative (TUSW) | 3.20 |
| Warfighter rapid awareness processing technology | 3.00 |
| Military applications of medical grade Chitosan | 3.00 |
| Hawaii National Guard Counterdrug Program | 3.00 |
| Brown Tree Snake control | 2.00 |
| Foliage Penetrating Reconnaissance and Surveillance System | 2.00 |
| Corrosion Prevention and Control Program - Marine Corps | 1.80 |
| Army National Guard | 1.80 |
| Army Reserve | 1.80 |
| Rescue streamer distress signal kits | 1.50 |
| Virtual onboard analyst for multi-sensor mine detection | 1.00 |
| Marine Air-Ground Task Force situational awareness | 1.00 |
| Info Sharing for Intel., Surveil., Recon., Targeting & Engagement (ISRTE) mobile targets | 1.00 |
| Immersive Group Simulation Virtual Training System | 1.00 |
| Autonomous unmanned surface vessel | 1.00 |
| Advanced detection of explosives | 1.00 |
| Maui | 68.70 |
| Maui Space Surveillance System (MSSS) - oper. satellite tracking fac. with R&D activ. | 23.00 |
| PanSTARRS - continue dev. of large aperture telescopes with different sensors | 9.00 |
| Applications of LIDAR to Vehicles with Analysis (ALVA) | 8.40 |
| Pacific-Based Joint Information Technology Center | 6.50 |
| High Accuracy Network Determination System (HANDS) | 5.20 |
| Pacific Disaster Center - supp. emergency mgt. activities in Pacific & Indian Oceans | 6.00 |
| Maui High Performance Computing Center (MHPCC) | 5.00 |
| Multi-mission Deployable Optical System | 4.00 |
| Real-time optical surveillance applications | 1.60 |

Continued on next page.

**Table 10.07-- DEFENSE-RELATED APPROPRIATIONS BILL
HAWAII-RELATED INITIATIVES: 2008 -- Con.**

| Subject | Amount |
|---|--------|
| Kauai | 34.20 |
| Pacific airborne surveillance and testing | 15.00 |
| Strategic materials and silicon carbide optics | 5.00 |
| Mobile Modular Command Center (M2C2) | 3.20 |
| Flood Control at Pacific Missile Range Facility (PMRF) | 3.00 |
| Multi-Target-Tracking Optical Sensor Array Technology (MOST) | 3.00 |
| Pacific Region interoperability test and evaluation capability | 3.00 |
| PMRF Force Protection Laboratory | 2.00 |
| Health: AKAMAII II, Telemed. & Tech. Initiative to improve access & quality of care | 25.00 |
| Vascular graft development on elastin biomatrices | 4.25 |
| Hyperspectral diagnostic imaging | 3.25 |
| Continue development of nanotechnology | 1.90 |
| Advance development of materials and technologies for tissue replacement, etc. | 2.75 |
| Support dev. of functional infrared brain sensing to aid crew life support, etc. | 1.90 |
| Continue dev. of improved clinical info sys. & processing to enhance patient safety | 1.90 |
| Estab. congest. heart failure clinic & regenerative med. research w/Tripler Army Med. Center (TAMC), Univ. of Hawaii John A. Burns Sch. of Medicine, & St. Francis Hosp. | 2.25 |
| Support dev. of research w/TAMC & Burns Sch. of Med. in trop.med. & infec. diseases | 2.00 |
| Pursue the optimization of small molecule anthrax lethal factor inhibitors, etc. | 1.90 |
| Continue Triple Helix (academic, government & industry) partnership approach, etc. | 0.90 |
| Dev. & integrate adv. health care tech. for military, veteran & civilian communities | 0.50 |
| Continue dev. of effective preventive chronic disease mgt care at home, etc. | 0.50 |
| Continue studies using imaging & virtual reality in diagnosing & treating post-traumatic stress disorder & other behavioral health problems in active duty and veteran patients | 0.50 |
| Dev. proc. for detecting chem., biol., radiological, & nuclear agents using radio freq. etc. | 0.50 |
| Provisions included elsewhere in the Bill give U.S. Navy discretion to transfer funds from its approx. \$33.1 billion oper. & maintenance budget to the Dept. of the Interior to help the nationwide effort to rebuild the Pearl Harbor Memorial Museum & Visitors Center | 20.00 |
| Competitive opportunities for Hawaii-based org. & companies in defense-related grants | 306.00 |
| Test and training range upgrades | 136.00 |
| Alternative energy research | 52.00 |
| Environmental restoration | 35.00 |
| University research | 24.00 |
| Readiness and environmental protection initiative | 16.00 |
| Regional Centers for Security Studies | 16.00 |
| Rspace situational awareness research | 15.00 |
| Command and control upgrades for U.S. Army, Pacific | 12.00 |

Source: U.S. Senator Daniel K. Inouye Press Release "\$208 Million for Defense-Related Projects in Hawaii Clear Final Congressional Hurdle, Await Enactment into Law" (November 9, 2007) accessed November 30, 2007.

Table 10.08-- MILITARY CONSTRUCTION APPROPRIATIONS BILL: 2008

[For fiscal year ending September 30. As approved by the U.S. Congress on December 17-18, 2007. Signed into law [Public Law 110-161] by President George Bush on December 26, 2007]

| Subject | Amount (1,000's) | Percent 1/ |
|---|---------------------|------------|
| Total construction projects in Hawaii | 1/ 533,620 | 100.0 |
| Air Force - Hickam Air Force Base | 31,971 | 6.0 |
| DCGS Intelligence Squadron OPS Facility | 16,500 | 3.1 |
| C-17 parking ramp | 15,471 | 2.9 |
| Army - barracks complexes | 170,000 | 31.9 |
| Fort Shafter | 31,000 | 5.8 |
| Schofield Barracks 2/ | 88,000 | 16.5 |
| Wheeler Army Airfield | 51,000 | 9.6 |
| Navy | 183,431 | 34.4 |
| Kaneohe Bay - bachelor enlisted quarters | 37,961 | 7.1 |
| Pearl Harbor - Submarine Drive-In Magnetic Silencing Facility | 1/ 49,860 | 9.3 |
| Pearl Harbor Naval Shipyard - drydock ship support services | 30,200 | 5.7 |
| Wahiawa - Communications Center | 65,410 | 12.3 |
| Defense-wide | 148,218 | 27.8 |
| Hickam Air Force Base - replacement of hydrant fuels system | 11,900 | 2.2 |
| Kunia - Regional Security Operation Center III | 136,318 | 25.5 |

1/ Revised from previous *Data Book* where it was published as Table 10.09.

2/ One appropriation for \$43,000,000 and another for \$45,000,000.

Source: U.S. Senator Daniel K. Inouye Press Release "Inouye and Akaka Say Omnibus Funding Bill Provides \$845 Million for Hawaii-related Projects" (December 20, 2007)

<<http://inouye.senate.gov/~inouye/07pr/20071220pr01.html>> accessed January 21, 2008.

Table 10.09-- MILITARY CONSTRUCTION APPROPRIATIONS BILL: 2009

[For fiscal year ending September 30. As approved by the U.S. House Appropriations Committee on June 24, 2008. Authorized in the 2009 National Defense Authorization Act]

| Subject | Amount (1,000's) |
|---|-----------------------------|
| Construction projects in Hawaii 1/ | 553,377 |
| Schofield Barracks - barracks, battalion complex, brigade complex, infrastructure | 279,000 |
| Naval Station Pearl Harbor - joint forces deployment staging area, fitness center, child development center | 80,290 |
| Submarine Drive-in Magnetic Silencing Facility Phase II | 41,088 |
| Wideband SATCOM Operations Center, Wahiawa | 40,000 |
| Pacific Missile Range Facility Advanced Radar Detection Laboratory | 28,900 |
| Marine Corps Base Hawaii bachelor enlisted quarters - part of ongoing improvements | 28,200 |
| Defense Logistics Agency, Pearl Harbor, replacement of fuel pipeline | 27,700 |
| Army Reserve Center, Fort Shafter | 19,199 |
| Pohakuloa Training Area - Saddle Road construction, phase five | 9,000 |

Source: U.S. Representative Neil Abercrombie Press Release "Appropriations Committee Okays Abercrombie's \$553 Million for Military Construction in Hawaii" (June 24, 2008)
 <http://www.house.gov/list/press/hi01_abcrombie/pr08_defense_approps.shtml> accessed July 8, 2008.

Table 10.10-- DEPARTMENT OF DEFENSE MILITARY PERSONNEL AND DEPENDENTS, BY SERVICE: 2004 TO 2007

[As of September 30]

| Category | All services | Army | Navy | Marine Corps | Air Force |
|-------------------------------|---------------------|-------------|-------------|---------------------|------------------|
| 2004 | | | | | |
| Total military and dependents | 82,259 | 39,375 | 18,845 | 12,028 | 12,011 |
| Military personnel 1/ | 35,061 | 17,068 | 7,694 | 5,541 | 4,758 |
| Family members 2/ | 47,198 | 22,307 | 11,151 | 6,487 | 7,253 |
| Command-sponsored | 44,321 | 22,307 | 10,357 | 4,514 | 7,143 |
| Non-command-sponsored | 2,877 | - | 794 | 1,973 | 110 |
| 2005 | | | | | |
| Total military and dependents | 85,893 | 38,596 | 16,815 | 17,231 | 13,251 |
| Military personnel 1/ | 32,629 | 15,458 | 6,524 | 5,796 | 4,851 |
| Family members 2/ | 53,264 | 23,138 | 10,291 | 11,435 | 8,400 |
| Command-sponsored | 47,888 | 23,138 | 10,075 | 7,480 | 7,195 |
| Non-command-sponsored | 5,376 | - | 216 | 3,955 | 1,205 |
| 2006 | | | | | |
| Total military and dependents | (NA) | (NA) | (NA) | (NA) | (NA) |
| Military personnel 1/ | 34,935 | 18,687 | 6,080 | 5,050 | 5,118 |
| Family members 2/ | (NA) | (NA) | (NA) | (NA) | (NA) |
| Command-sponsored | (NA) | (NA) | (NA) | (NA) | (NA) |
| Non-command-sponsored | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2007 | | | | | |
| Total military and dependents | (NA) | (NA) | (NA) | (NA) | (NA) |
| Military personnel 1/ | 34,838 | 19,867 | 5,595 | 4,483 | 4,893 |
| Family members 2/ | (NA) | (NA) | (NA) | (NA) | (NA) |
| Command-sponsored | (NA) | (NA) | (NA) | (NA) | (NA) |
| Non-command-sponsored | (NA) | (NA) | (NA) | (NA) | (NA) |

NA Not available.

1/ Active duty. Excludes Coast Guard and personnel afloat or temporary shore-based. See elsewhere in Section 10 for personnel data which includes afloat Navy and Marine Corps.

2/ Dependents of active-duty military personnel. Command-sponsorship depends upon whether the family member resides with the member at the duty station, whether the accompanied tour is authorized and meets criteria for funded travel and station allowance.

Source: U.S. Department of Defense, Defense Manpower Data Center, Directorate for Information, Operations and Reports, Statistical Information Analysis Division, *Worldwide Manpower Distribution by Geographical Area, September 30* (annual through 2005) <<http://siadapp.dior.whs.mil/personnel/Pubs.htm>> accessed May 31, 2006; and *Active Duty Military Personnel by Service by Region/Country, Total - DOD September 30* (annual 2006 and 2007) <<http://siadapp.dmdc.osd.mil/personnel/MILITARY/Miltop.htm>> accessed January 22, 2008.

**Table 10.11-- DEPARTMENT OF DEFENSE CIVILIAN PERSONNEL,
BY SERVICE: 1982 TO 2006**

[As of September 30. Includes personnel performing military functions, those activities associated with the uniformed services. Personnel are U.S. citizens and are direct-hires unless otherwise noted. Excludes civilian personnel of the Coast Guard]

| Year | All services | Army | Navy & Marine Corps | Air Force | Other defense activities |
|-------------|---------------------|-------------|--------------------------------|------------------|---------------------------------|
| 1982 | 20,090 | 4,529 | 12,812 | 2,642 | 107 |
| 1983 | 20,244 | 4,575 | 12,969 | 2,595 | 105 |
| 1984 | 20,800 | 4,861 | 13,223 | 2,605 | 111 |
| 1985 | 21,259 | 5,300 | 13,213 | 2,626 | 120 |
| 1986 | 20,753 | 5,426 | 12,666 | 2,526 | 135 |
| 1987 | 20,682 | 5,458 | 12,601 | 2,501 | 122 |
| 1988 | 20,557 | 5,296 | 12,824 | 2,317 | 120 |
| 1989 | 20,246 | 5,342 | 12,405 | 2,378 | 121 |
| 1990 | 19,857 | 5,548 | 11,951 | 2,244 | 114 |
| 1991 | 18,978 | 5,148 | 11,423 | 2,199 | 208 |
| 1992 | 17,893 | 4,933 | 10,886 | 1,431 | 643 |
| 1993 | 17,341 | 4,839 | 10,198 | 1,398 | 906 |
| 1994 | 17,038 | 4,647 | 9,923 | 1,371 | 1,097 |
| 1995 | 17,179 | 4,820 | 10,014 | 1,323 | 1,022 |
| 1996 | 16,824 | 4,936 | 9,564 | 1,275 | 1,049 |
| 1997 | 17,216 | 4,779 | 9,361 | 1,951 | 1,125 |
| 1998 | 16,028 | 4,437 | 9,237 | 1,269 | 1,085 |
| 1999 | 16,318 | 4,293 | 8,864 | 2,026 | 1,135 |
| 2000 | 16,723 | 4,471 | 8,999 | 2,074 | 1,179 |
| 2001 | 16,699 | 4,455 | 9,068 | 2,098 | 1,078 |
| 2002 | 16,508 | 4,441 | 8,925 | 2,075 | 1,067 |
| 2003 | 16,602 | 4,304 | 9,293 | 1,961 | 1,044 |
| 2004 | 16,576 | 4,302 | 9,230 | 1,966 | 1,078 |
| 2005 | 16,307 | 4,320 | 9,075 | 1,980 | 932 |
| 2006 | 17,079 | 4,750 | 9,130 | 2,109 | 1,090 |

Source: U.S. Department of Defense, Defense Manpower Data Center, Statistical Information Analysis Division (formerly the Directorate for Information Operations and Reports), *Atlas/Data Abstract for the US and Selected Areas (annual)*, *Worldwide Manpower Distribution by Geographical Area (annual)* <<http://siadapp.dior.whs.mil/personnel/MMIDHOME.HTM>> accessed June 22, 2006; and *Distribution of Personnel by State and by Selected Locations, September 30, 2006* <<http://siadapp.dmdc.osd.mil/personnel/Pubs.htm>> accessed June 3, 2008

**Table 10.12 -- DIRECT AND INDIRECT IMPACT OF A \$1 BILLION
MILITARY EXPENDITURE**

[Based on inter-industry relationships in 2002. Multipliers updated for 2005. Industries sorted
for greatest output impact]

| Industry sector | Output (in millions of dollars) | Earnings (in millions of dollars) 1/ | Jobs (number) |
|-----------------------------|--|---|--------------------------|
| Total | 1,586.8 | 968.7 | 18,337 |
| Federal military government | 765.6 | 689.6 | 10,371 |
| Real estate and rentals | 149.3 | 7.6 | 400 |
| Health services | 88.0 | 45.1 | 1,086 |
| Mining and construction | 77.0 | 30.8 | 530 |
| Retail trade | 76.5 | 29.3 | 1,198 |
| Professional services | 68.3 | 34.9 | 721 |
| Finance and insurance | 51.3 | 15.7 | 326 |
| Other manufacturing | 46.6 | 9.0 | 168 |
| Business services | 38.5 | 21.9 | 771 |
| Other services | 34.8 | 14.6 | 667 |
| Wholesale trade | 30.4 | 11.0 | 256 |
| Information | 29.2 | 9.8 | 172 |
| Eating and drinking | 26.2 | 9.0 | 503 |
| Transportation | 22.7 | 7.1 | 165 |
| Utilities | 21.6 | 3.7 | 41 |
| Other government | 13.8 | 10.6 | 213 |
| Hotels | 12.8 | 4.8 | 120 |
| Educational services | 11.3 | 6.2 | 231 |
| Food processing | 10.2 | 2.1 | 71 |
| Arts and entertainment | 6.5 | 3.4 | 172 |
| Agriculture | 6.3 | 2.6 | 155 |

1/ Term revised from original 'Income', multipliers and impact are unchanged.

Source: Hawaii State Department of Business, Economic Development & Tourism, *The 2002 State Input-Output Study for Hawaii* (June 2006)

<http://www.hawaii.gov/dbedt/info/economic/data_reports/info/economic/data_reports/2002_state_io>
accessed June 30, 2006 and records.

**Table 10.13-- FEDERAL EXPENDITURES FOR ARMY AND AIR
NATIONAL GUARD: 2004 AND 2006**

[In dollars. For fiscal year ending September 30. The 2005 report is forthcoming]

| Category | 2004 | 2006 |
|--|---------------|----------------|
| Total Federal support for Army National Guard | 1/ 83,725,207 | 84,376,622 |
| Total funds provided by National Guard Bureau (Army) (AGR pay) | 17,030,148 | 14,739,967 |
| Total funds allotted to U.S. Property & Fiscal Office for Hawaii | 1/ 66,695,059 | 69,636,655 |
| National Guard personnel appropriations - Army | 26,240,314 | 21,740,478 |
| Military pay, transportation, and travel | 25,422,463 | 21,181,162 |
| Military uniform | 412,966 | 363,820 |
| Subsistence | 404,885 | 195,496 |
| Oper. and maint., military constr. approp. - Army | 38,702,745 | 45,927,177 |
| Civilian pay | 18,716,125 | 17,791,650 |
| Transportation and travel - personnel | 1,335,181 | 230,468 |
| Equipment, supplies, and services | 10,824,338 | 10,093,666 |
| Ground operations | 5,313,315 | 2,274,972 |
| Air operations | 1,104,542 | 629,866 |
| Other operating supplies and services | 4,406,481 | 7,188,828 |
| Construction, repairs and utilities | 7,827,101 | 17,811,393 |
| Armory construction | 205,069 | 746,129 |
| Architectural and engineering services | 12,183 | - |
| Non-armory construction | 3,209,183 | 5,961,497 |
| Maintenance, repairs and environmental | 2,334,202 | 10,072,469 |
| Utilities | 2,066,464 | 1,031,298 |
| Funded directly by National Guard Bureau (Army) | 1,712,000 | 1,969,000 |
| Oper. & maint. def. approp.-Army Youth CHalleNGe | 1,712,000 | 1,969,000 |
| Total Federal support for Air National Guard | 131,468,503 | 1/ 169,480,490 |
| Total funds allotted to U.S. Property & Fiscal Office for Hawaii | 106,829,587 | 1/ 134,749,157 |
| National Guard personnel appropriations - Air | 2,031,475 | 2,506,398 |
| Deployments, transportation and travel | 1,734,652 | 2,134,587 |
| Military uniform | 168,160 | 251,800 |
| Subsistence | 128,663 | 120,011 |
| Oper. and maint., military constr. approp. - Air | 102,733,400 | 132,243,259 |
| Civilian pay | 52,291,510 | 58,319,927 |
| Transportation and travel | 1,729,179 | 3,963,991 |
| Personnel/deployments | 1,602,202 | 3,762,707 |
| Equipment and supplies | 126,977 | 201,284 |
| Equipment, supplies and services | 48,712,711 | 67,717,286 |
| Equipment | 382,869 | 954,087 |
| Supplies | 7,339,895 | 4,446,723 |
| Depot level reparable | 26,099,834 | 27,981,874 |
| Aviation fuel | 11,255,089 | 27,876,326 |
| Other operating supplies and services | 3,635,024 | 6,458,276 |

Continued on next page.

**Table 10.13-- FEDERAL EXPENDITURES FOR ARMY AND AIR
NATIONAL GUARD: 2004 AND 2006 -- Con.**

| Category | 2004 | 2006 |
|---|------------|------------|
| Oper. and maint., military constr. approp. - Air --Con. | | |
| Construction, repair and utilities | 2,064,712 | 2,242,055 |
| Architectural and engineering services | 96,576 | 310,228 |
| Minor construction/major repairs | 1,425,972 | 13,967 |
| Operations and maintenance agreements | 542,164 | 1,917,860 |
| Funded directly by National Guard Bureau (Air) | 24,638,916 | 34,731,333 |
| Annual training pay | 3,108,977 | 3,235,440 |
| Other active duty pay | 1,758,274 | 2,070,682 |
| Inactive duty training pay | 9,609,389 | 7,376,803 |
| Basic training pay | 81,974 | 258,835 |
| Active Guard Reserve pay | 10,080,302 | 21,789,573 |

1/ Components do not sum to published total. Resolution underway.

Source: Hawaii Department of Defense, *Annual Report Fiscal Year 2004* , p. 32
<<http://www.dod.state.hi.us/annual.html>> accessed November 28, 2005 and Ibid. *2006* , p. 34.

Table 10.14-- ARMY AND AIR NATIONAL GUARD STRENGTH, 1980 TO 2006

[Strength as of September 30 for 1980 through 2002 and June 30 for 2003 and beyond]

| Year | Actual strength | | | Authorized strength | | |
|---------|-------------------------|---------------------|--------------------|---------------------|---------------------|--------------------|
| | Total | Army National Guard | Air National Guard | Total | Army National Guard | Air National Guard |
| 1980 | 5,378 | 3,468 | 1,910 | 6,090 | 4,053 | 2,037 |
| 1981 | 5,338 | 3,395 | 1,943 | 6,216 | 4,181 | 2,035 |
| 1982 | 5,720 | 3,698 | 2,022 | 6,238 | 4,201 | 2,037 |
| 1983 | 5,799 | 3,768 | 2,031 | 6,127 | 4,012 | 2,115 |
| 1984 | 5,866 | 3,793 | 2,073 | 6,207 | 3,992 | 2,215 |
| 1985 | 6,096 | 3,869 | 2,227 | 6,227 | 4,005 | 2,222 |
| 1986 | 5,882 | 3,685 | 2,197 | 6,250 | 4,016 | 2,234 |
| 1987 | 5,848 | 3,654 | 2,194 | 6,517 | 4,237 | 2,280 |
| 1988 | 5,832 | 3,658 | 2,174 | 6,461 | 4,160 | 2,301 |
| 1989 | 5,810 | 3,641 | 2,169 | 6,505 | 4,154 | 2,351 |
| 1990 | 5,702 | 3,579 | 2,123 | 6,469 | 4,237 | 2,232 |
| 1991 | 5,635 | 3,547 | 2,088 | 6,473 | 4,252 | 2,221 |
| 1992 | 5,665 | 3,500 | 2,165 | 6,480 | 4,258 | 2,222 |
| 1993 | 5,689 | 3,430 | 2,259 | 6,490 | 4,056 | 2,434 |
| 1994 | 5,689 | 3,430 | 2,259 | 6,490 | 4,056 | 2,434 |
| 1995 | 6,078 | 3,744 | 2,334 | 7,061 | 4,462 | 2,599 |
| 1996 | 5,381 | 2,995 | 2,386 | 6,025 | 3,564 | 2,461 |
| 1997 | 5,511 | 3,120 | 2,391 | 6,047 | 3,543 | 2,504 |
| 1998 | 5,475 | 3,053 | 2,422 | 6,047 | 3,543 | 2,504 |
| 1999 | 5,475 | 3,053 | 2,422 | 6,047 | 3,543 | 2,504 |
| Year | Total assigned strength | Army National Guard | | Air National Guard | | |
| 2000 | 5,415 | 3,010 | | 2,405 | | |
| 2001 | 5,383 | 2,978 | | 2,405 | | |
| 2002 | 5,334 | 2,914 | | 2,420 | | |
| 2003 | 5,233 | 3,009 | | 2,224 | | |
| 2004 | 5,233 | 3,009 | | 2,224 | | |
| 2005 | (1/) | (1/) | | (1/) | | |
| 2006 2/ | 5,300 | 3,000 | | 2,300 | | |

1/ The 2005 report is forthcoming.

2/ Counts approximate.

Source: Hawaii State Department of Defense, *Annual Report Fiscal Year* (annual), and for *Fiscal Year* (annual, beginning 2004) <<http://www.dod.state.hi.us/annual.html>> accessed July 10, 2007.

**Table 10.15-- CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT,
DEPARTMENT OF DEFENSE, AND PEARL HARBOR NAVAL SHIPYARD:
ANNUAL AVERAGE, 1990 TO 2007**

[According to the North American Industrial Classification System (NAICS) adopted in 1997]

| Year | Federal Government | Department of Defense | Naval Shipyard |
|------|--------------------|-----------------------|----------------|
| 1990 | 34,200 | 19,400 | (1/) |
| 1991 | 33,900 | 18,800 | (1/) |
| 1992 | 33,300 | 18,100 | (1/) |
| 1993 | 31,800 | 17,400 | (1/) |
| 1994 | 31,300 | 16,900 | (1/) |
| 1995 | 31,100 | 16,800 | (1/) |
| 1996 | 31,100 | 16,800 | (1/) |
| 1997 | 30,700 | 2/ 17,300 | (1/) |
| 1998 | 30,400 | 2/ 16,900 | (1/) |
| 1999 | 30,300 | 2/ 16,600 | (1/) |
| 2000 | 31,000 | 2/ 16,400 | (1/) |
| 2001 | 30,100 | 2/ 16,500 | 4,700 |
| 2002 | 30,650 | 2/ 16,700 | 4,950 |
| 2003 | 31,650 | 2/ 16,650 | 4,750 |
| 2004 | 31,450 | 16,600 | 4,250 |
| 2005 | 31,300 | 16,350 | 4,150 |
| 2006 | 2/ 31,850 | 2/ 16,650 | 2/ 4,200 |
| 2007 | 31,650 | 16,350 | 4,000 |

1/ New series in 2001. NAICS series data are not available previously.

2/ Revised from previous *Data Book*.

Source: Hawaii State Department of Labor and Industrial Relations, "State of Hawaii Not Seasonally Adjusted Jobcount By Detailed Industry"

<https://www.hiwi.org/admin/uploadedPublications/524_CESST90S.PDF> and

<http://www.hiwi.org/admin/uploadedPublications/525_CESST00S.PDF> accessed March 11, 2008.

Table 10.16-- SELECTIVE SERVICE REGISTRATION FOR THE UNITED STATES AND HAWAII: 2002 TO 2007

[As of September 30]

| Subject | Registrants 1/ | |
|--|------------------|--------|
| | United States 2/ | Hawaii |
| 2002 | | |
| Draft eligible registrants, born 1977-1982 | 11,052,970 | 43,837 |
| Born 1983-1984 | 2,716,171 | 10,589 |
| Born 1977-1984 | 13,769,141 | 54,426 |
| 2003 | | |
| Draft eligible registrants, born 1977-1982 | 11,454,033 | 46,994 |
| Born 1983-1984 | 2,824,003 | 10,281 |
| Born 1977-1984 | 14,278,036 | 57,275 |
| 2004 | | |
| Draft eligible registrants, born 1979-1984 | 11,889,604 | 49,271 |
| Born 1985-1986 | 2,931,681 | 10,052 |
| Born 1979-1986 | 14,821,285 | 59,323 |
| 2005 | | |
| Draft eligible registrants, born 1980-1985 | 12,162,580 | 50,381 |
| Born 1986-1987 | 2,942,042 | 9,734 |
| Born 1980-1987 | 15,104,622 | 60,115 |
| 2006 | | |
| Draft eligible registrants, born 1981-1986 | 10,326,013 | 43,579 |
| Born 1987-1988 | 4,960,184 | 17,188 |
| Born 1981-1988 | 15,286,197 | 60,767 |
| 2007 | | |
| Entire registrant group, born 1982-1989 | 15,247,514 | 59,742 |
| Draft eligible men, born 1982 - 1987 | 12,380,004 | 50,229 |

1/ Almost all male U.S. citizens regardless of where they live, and male immigrant aliens residing in the U.S., are required to be registered with Selective Service if they are at least 18 years old but are not yet 26 years old. They are required to register within 30 days of turning 18.

2/ Including the District of Columbia, Northern Mariana Islands, Virgin Islands, Puerto Rico, Guam, and foreign.

Source: Selective Service System, *Annual Report to Congress for the Fiscal Year* (annual)
 <<http://www.sss.gov/PUBLIC.HTM>> accessed May 21, 2008.

**Table 10.17-- MILITARY PRIME CONTRACT AWARDS,
BY PROGRAM: 2003 TO 2007**

[In thousands of dollars. Fiscal years ending September 30.
Net value of Department of Defense prime contracts over \$25,000]

| Procurement program | 2003 | 2004 | 2005 | 2006 | 2007 |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|
| Total | 1,807,959 | 1,713,892 | 1,990,796 | 1,963,465 | 2,134,466 |
| Aircraft engines & spares | - | - | 502 | 5 | (NA) |
| Airframes & spares | 12,438 | 6,314 | 50,638 | 3,316 | (NA) |
| All other supplies & equipment | 95,759 | 90,707 | 118,208 | 162,089 | (NA) |
| Ammunition | - | 2 | - | 10 | (NA) |
| Building supplies | - | 58 | 38 | 48 | (NA) |
| Combat vehicles | 400 | 650 | 86 | - | (NA) |
| Construction | 580,083 | 531,044 | 524,526 | 537,211 | (NA) |
| Construction equipment | 334 | -12 | 194 | 18 | (NA) |
| Containers and handling equip. | 105 | - | 1 | 20 | (NA) |
| Electronics & communication equip. | 49,559 | 52,447 | 40,540 | 53,140 | (NA) |
| Materials handling equipment | 3,008 | 1,911 | 17 | 170 | (NA) |
| Medical & dental supplies & equip. | 178,820 | 221,161 | 289,584 | 68,485 | (NA) |
| Missile & space systems | 29,026 | 38,425 | 57,273 | 5,498 | (NA) |
| Non-combat vehicles | 54 | 414 | 168 | 191 | (NA) |
| Other aircraft equipment | 897 | 5,311 | 1,495 | 1,191 | (NA) |
| Other fuels and lubricants | 379 | 101 | 49 | 1,056 | (NA) |
| Petroleum | 198,103 | 97,944 | 136,343 | 300,615 | (NA) |
| Photographic supplies & equip. | 52 | 191 | 190 | 239 | (NA) |
| Production equipment | 97 | 599 | 94 | 467 | (NA) |
| Services | 563,903 | 553,779 | 627,146 | 708,590 | (NA) |
| Ships | 76,538 | 96,229 | 85,705 | 71,235 | (NA) |
| Subsistence | 17,510 | 16,370 | 48,904 | 40,678 | (NA) |
| Textiles, clothing, & equipage | 761 | 162 | - | 32 | (NA) |
| Transportation equipment | 23 | 83 | 7 | - | (NA) |
| Weapons | 110 | - | 9,086 | 9,162 | (NA) |

NA Not available.

Source: U.S. Department of Defense, Defense Management Data Center, Statistical Information Analysis Division, Geographic Statistics, Prime Contract Awards by State, Awards - State & Major Procurement Program <http://siadapp.dmdc.osd.mil/procurement/historical_reports/geographic/geostat.html> accessed February 22, 2007; and Procurement Statistics, Special Tabulation 25 - summary of prime contract awards (ST25) <http://siadapp.dmdc.osd.mil/procurement/historical_reports/statistics/procstat.html> accessed February 26, 2008.

**Table 10.18-- DEPARTMENT OF DEFENSE PRIME CONTRACTS, BY
BRANCH: 1981 TO 2007**

[In thousands of dollars. For fiscal year ending September 30. Use of prime contract data is not a means of measuring the total volume of defense work performed within a state, as a substantial amount of the work may be subcontracted. Prior to FY 2001, \$25,000 was the reporting minimum and beginning in FY 2001 reporting contracts less than \$25,000 became optional]

| Year | Total | Army 1/ | Navy & Marine Corps | Air Force | Other defense activities 2/ |
|---------|-----------|---------|---------------------|-----------|-----------------------------|
| 1981 | 575,776 | 150,902 | 137,565 | 28,328 | 258,981 |
| 1982 | 500,609 | 80,661 | 103,827 | 35,279 | 280,842 |
| 1983 | 638,975 | 117,573 | 187,355 | 36,806 | 297,241 |
| 1984 | 536,735 | 185,074 | 158,068 | 52,719 | 140,874 |
| 1985 | 626,153 | 255,236 | 152,782 | 59,939 | 158,196 |
| 1986 | 562,843 | 147,587 | 160,701 | 46,484 | 208,071 |
| 1987 | 461,449 | 147,561 | 230,473 | 61,466 | 21,949 |
| 1988 | 540,991 | 156,631 | 190,418 | 99,405 | 94,537 |
| 1989 | 578,733 | 193,210 | 258,693 | 75,489 | 51,341 |
| 1990 | 511,893 | 119,568 | 195,380 | 83,827 | 113,118 |
| 1991 | 697,127 | 218,607 | 250,164 | 158,866 | 69,490 |
| 1992 | 622,728 | 173,655 | 282,644 | 76,366 | 90,063 |
| 1993 | 631,021 | 244,275 | 237,579 | 59,948 | 89,219 |
| 1994 | 803,297 | 263,183 | 425,998 | 68,291 | 45,825 |
| 1995 | 673,640 | 227,674 | 308,584 | 84,201 | 53,181 |
| 1996 | 928,480 | 223,284 | 519,813 | 106,939 | 78,444 |
| 1997 | 957,353 | 248,629 | 533,037 | 93,845 | 81,841 |
| 1998 | 889,607 | 234,446 | 456,876 | 99,963 | 98,322 |
| 1999 | 984,848 | 231,622 | 569,599 | 92,311 | 91,316 |
| 2000 | 1,159,586 | 243,817 | 618,072 | 168,587 | 129,110 |
| 2001 | 1,307,386 | 384,621 | 675,948 | 93,021 | 153,796 |
| 2002 | 1,433,119 | 347,108 | 771,034 | 156,322 | 158,655 |
| 2003 3/ | 1,807,959 | 395,465 | 713,601 | 253,198 | 445,695 |
| 2004 | 1,713,892 | 529,634 | 584,625 | 223,409 | 376,223 |
| 2005 | 1,990,796 | 521,085 | 556,978 | 380,830 | 531,903 |
| 2006 | 1,963,465 | 602,972 | 537,112 | 344,093 | 479,288 |
| 2007 | 2,134,466 | 661,190 | 915,265 | 296,924 | 261,088 |

1/ Includes U.S. Army Corps of Engineers.

2/ Includes Defense Logistics Agency (DLA) and other defense agencies (ODA).

3/ Revised from previous *Data Book*.

Source: U.S. Department of Defense, Defense Management Data Center, Statistical Information Analysis Division, *Atlas/Data Abstract for the United States and Selected Areas* (annual) and for 1995 to 2000

<<http://www.dior.whs.mil/mmids/pubs.htm>> accessed May 14, 2004; and Ibid. Procurement Statistics, Special Tabulation 25 - multi-state, multi-year summary of prime contract awards (ST25M) (for 2001 to 2007)

<http://siadapp.dmdc.osd.mil/procurement/historical_reports/statistics/procstat.html> accessed February 26, 2008.

**Table 10.19-- DEPARTMENT OF DEFENSE PRIME CONTRACT AWARDS,
BY COUNTY, BY DEFENSE COMPONENT: 2004 TO 2007**

[In thousands of dollars. For fiscal year ending September 30. Use of prime contract data is not a means of measuring the total volume of defense work performed within a state, as a substantial amount of the work may be subcontracted]

| Procurement program | State | Hawaii | Honolulu | Kauai | Maui |
|--------------------------------|-----------|--------|-----------|---------|--------|
| 2004 | 1,713,892 | 36,385 | 1,569,610 | 57,246 | 50,650 |
| Army | 521,657 | 29,276 | 483,940 | 1,070 | 7,371 |
| Navy | 584,625 | 1,050 | 527,781 | 55,789 | 5 |
| Air Force | 223,409 | - | 188,698 | 76 | 34,635 |
| Defense Logistics Agency | 339,876 | - | 339,684 | 192 | - |
| Civil functions: Corps of Eng. | 7,978 | 390 | 568 | 19 | 7,000 |
| Other defense agencies | 36,347 | 5,669 | 28,940 | 100 | 1,638 |
| 2005 | 1,990,796 | 51,430 | 1,797,154 | 80,690 | 61,523 |
| Army | 519,854 | 27,086 | 486,060 | 33 | 6,674 |
| Navy | 556,978 | 18,036 | 464,650 | 69,270 | 5,021 |
| Air Force | 380,830 | 216 | 335,879 | - | 44,735 |
| Defense Logistics Agency | 438,175 | - | 438,136 | 39 | - |
| Civil functions: Corps of Eng. | 1,231 | 44 | 874 | - | 313 |
| Other defense agencies | 93,728 | 6,048 | 71,553 | 11,347 | 4,779 |
| 2006 | 1,963,465 | 7,981 | 1,839,103 | 77,553 | 38,829 |
| Army | 600,420 | 4,283 | 572,872 | 1,773 | 21,492 |
| Navy | 537,112 | 2,819 | 459,674 | 68,554 | 6,066 |
| Air Force | 344,093 | 183 | 334,235 | 17 | 9,657 |
| Defense Logistics Agency | 404,695 | 71 | 399,278 | 5,274 | 73 |
| Civil functions: Corps of Eng. | 2,552 | - | 2,552 | - | - |
| Other defense agencies | 74,594 | 625 | 70,493 | 1,935 | 1,541 |
| 2007 | 2,134,466 | 40,933 | 1,924,256 | 154,713 | 14,564 |
| Army | 638,504 | 18,294 | 590,210 | 27,206 | 2,795 |
| Navy | 915,265 | 22,184 | 785,137 | 107,648 | 295 |
| Air Force | 296,924 | 10 | 287,565 | 176 | 9,174 |
| Defense Logistics Agency | 159,383 | 130 | 159,248 | - | 6 |
| Civil functions: Corps of Eng. | 22,686 | 283 | 2,383 | 18,772 | 1,248 |
| Other defense agencies | 101,705 | 32 | 99,714 | 912 | 1,047 |

Source: U.S. Department of Defense, Defense Manpower Data Center, Statistical Information Analysis Division, Geographic Statistics, Prime Contract Awards by State, "DoD Prime Contract Awards by State/County" (annual by fiscal year to 2006) <http://siadapp.dior.whs.mil/procurement/historical_reports/geographic/geostat.html> accessed February 22, 2007; and Procurement Statistics, Special Tabulation 25 - summary of prime contract awards (ST25) <http://siadapp.dmdc.osd.mil/procurement/historical_reports/statistics/procstat.html> accessed February 26, 2008.

Table 10.20-- MILITARY SUBCONTRACTING PROGRAM: 2003 TO 2006

[In thousands of dollars and percent. Fiscal year ending September 30. Public Law 95-507, as amended, requires large business firms that have received at least one contract over \$500,000, or \$1,000,000 for construction, to establish a subcontracting program]

| Procurement program | 2003 | 2004 | 2005 | 2006 |
|--------------------------------------|-------------|-------------|-------------|-------------|
| Hawaii number of contractors | 49 | 48 | 41 | 41 |
| Hawaii total contracts | 284,976 | 196,793 | 204,533 | 319,430 |
| Large business | 100,474 | 73,876 | 87,310 | 119,085 |
| Small business | 184,502 | 122,917 | 117,223 | 200,345 |
| Small disadvantaged business | 75,168 | 21,583 | 34,370 | 25,850 |
| Women-owned business | 30,245 | 15,931 | 11,633 | 42,454 |
| HBCU/MI 1/ | 162 | 133 | 31 | 208 |
| HUBZone 2/ | 8,402 | 6,109 | 2,747 | 16,399 |
| Veteran-owned | 8,137 | 13,269 | 19,536 | 17,459 |
| Service-disabled veteran-owned | 264 | 219 | 282 | 467 |
| Hawaii contracts as percent of total | 100.0 | 100.0 | 100.0 | 100.0 |
| Large business | 35.3 | 37.5 | 42.7 | 37.3 |
| Small business | 64.7 | 62.5 | 57.3 | 62.7 |
| Small disadvantaged business | 26.4 | 11.0 | 16.8 | 8.1 |
| Women-owned business | 10.6 | 8.1 | 5.7 | 13.3 |
| HBCU/MI 1/ | 0.1 | 0.1 | (3/) | 0.1 |
| HUBZone 2/ | 2.9 | 3.1 | 1.3 | 5.1 |
| Veteran-owned | 2.9 | 6.7 | 9.6 | 5.5 |
| Service-disabled veteran-owned | 0.1 | 0.1 | 0.1 | 0.1 |
| United States number of contractors | 1,983 | 1,639 | 1,625 | 1,493 |
| United States total contracts | 86,383,380 | 101,677,468 | 120,947,969 | 106,472,454 |
| Large business | 54,450,581 | 66,571,644 | 77,332,006 | 66,906,557 |
| Small business | 31,932,800 | 35,105,824 | 43,615,963 | 39,565,897 |
| Small disadvantaged business | 4,068,207 | 4,135,337 | 5,363,344 | 5,091,551 |
| Women-owned business | 4,165,248 | 4,946,268 | 5,956,704 | 5,817,559 |
| HBCU/MI 1/ | 30,209 | 233,540 | 145,624 | 60,818 |
| HUBZone 2/ | 879,640 | 1,083,164 | 1,434,765 | 1,786,961 |
| Veteran-owned | 2,078,571 | 2,744,357 | 3,447,490 | 3,705,866 |
| Service-disabled veteran-owned | 296,602 | 449,021 | 519,237 | 718,462 |

Continued on next page.

Table 10.20-- MILITARY SUBCONTRACTING PROGRAM: 2003 TO 2006 -- Con.

| Procurement program | 2003 | 2004 | 2005 | 2006 |
|------------------------------------|-------|-------|-------|-------|
| U.S. contracts as percent of total | 100.0 | 100.0 | 100.0 | 100.0 |
| Large business | 63.0 | 65.5 | 63.9 | 62.8 |
| Small business | 37.0 | 34.5 | 36.1 | 37.2 |
| Small disadvantaged business | 4.7 | 4.1 | 4.4 | 4.8 |
| Women-owned business | 4.8 | 4.9 | 4.9 | 5.5 |
| HBCU/MI 1/ | (3/) | 0.2 | 0.1 | 0.1 |
| HUBZone 2/ | 1.0 | 1.1 | 1.2 | 1.7 |
| Veteran-owned | 2.4 | 2.7 | 2.9 | 3.5 |
| Service-disabled veteran-owned | 0.3 | 0.4 | 0.4 | 0.7 |

1/ HBCU/MI Historically Black Colleges and Universities/Minority Institutions.

2/ HUBZone Historically underutilized business zone.

3/ Less than 0.1.

Source: U.S. Department of Defense, Statistical Information Analysis Division, "Companies Participating in the Department of Defense Subcontracting Program"

<http://siadapp.dmdc.osd.mil/procurement/historical_reports/statistics/procstat.html> accessed October 22, 2007 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.21-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2006

| Site | Name of nearest city | Buildings Owned 1/ | | Acreage | | PRV 2/ (\$mil.) | Personnel | | | |
|---|----------------------|--------------------|-------------|---------|---------|-----------------|-----------|----------|----------|----------|
| | | Number | Square feet | Total | Owned | | Total | Military | Civilian | Other 3/ |
| Hawaii total | | 10,245 | 54,982,393 | 213,777 | 154,022 | 27,024.6 | 64,466 | 44,354 | 14,708 | 5,404 |
| Army total | | 1,519 | 14,090,476 | 192,996 | 141,210 | 9,585.8 | 34,334 | 21,783 | 4,387 | 8,164 |
| Army Active | | 1,447 | 13,325,528 | 169,380 | 140,954 | 9,265.4 | 31,923 | 19,680 | 4,284 | 7,959 |
| Aliamanu Military Reservation | Honolulu | 102 | 279,501 | 603 | 592 | 864.6 | 137 | 7 | 36 | 94 |
| Dillingham Military Res | Wahiawa | 5 | 4,176 | 664 | 664 | 48.1 | 40 | - | - | 40 |
| Fort De Russey | Honolulu | 9 | 783,763 | 73 | 73 | 208.7 | 1,003 | - | 4 | 999 |
| Fort Shafter | Honolulu | 133 | 1,640,004 | 590 | 590 | 789.7 | 5,983 | 3,392 | 1,280 | 1,311 |
| Fort Shafter (Waianae) | Waianae | 46 | 47,458 | 14 | - | 18.4 | 35 | - | - | 35 |
| Helemano Military Reservation | Wahiawa | 23 | 229,225 | 290 | - | 458.6 | 155 | 72 | 19 | 64 |
| Kahuku Training Area | Kahuku | 16 | 22,460 | 9,480 | 8,330 | 28.5 | 1 | - | - | 1 |
| Kilauea Military Reserve | Kilauea | 89 | 152,237 | 72 | 17 | 65.3 | 84 | - | 8 | 76 |
| Kipapa Ammo Storage Site | Waipahu | 70 | 179,462 | 401 | 401 | 69.5 | - | - | - | - |
| Makua Military Reserve | Waianae | 4 | 4,873 | 4,195 | 3,406 | 18.3 | - | - | - | - |
| Pohakuloa Training Area | Hilo | 168 | 280,386 | 131,866 | 108,831 | 269.7 | 224 | 12 | 105 | 107 |
| Pupukea Paalaa Uka Mil Road | Wahiawa | - | - | 109 | 109 | 10.8 | - | - | - | - |
| Schofield Bks Mil Reserve | Wahiawa | 471 | 6,198,398 | 18,676 | 15,600 | 4,032.7 | 15,626 | 11,778 | 1,051 | 2,797 |
| Signal Cable Trunking System | Honolulu | 43 | 9,071 | 201 | 201 | 82.8 | - | - | - | - |
| Tripler Army Medical Center | Honolulu | 41 | 1,877,875 | 367 | 367 | 1,167.3 | 4,440 | 1,442 | 1,399 | 1,599 |
| USA Field Station Kunia | Wahiawa | 9 | 272,040 | 95 | 89 | 126.0 | 154 | 13 | - | 141 |
| Waikakalaua Ammo Storage Tunnels | Mililani | 49 | 104,236 | 314 | 314 | 42.6 | - | - | - | - |
| Wheeler Army Airfield | Wahiawa | 169 | 1,240,363 | 1,370 | 1,370 | 963.8 | 4,041 | 2,964 | 382 | 695 |
| Army Guard | | 52 | 675,056 | 214 | 214 | 280.5 | 1,775 | 1,501 | 87 | 187 |
| Kalaeloa | Kapolei | 31 | 474,678 | 147 | 147 | 194.2 | 1,337 | 1,091 | 65 | 181 |
| Regional Training Institute | Waimanalo | 7 | 75,951 | 48 | 48 | 62.5 | 97 | 91 | 3 | 3 |
| Tracking Station Waiawa Gulch | Wahiawa | 14 | 124,427 | 19 | 19 | 23.8 | 341 | 319 | 19 | 3 |
| 8 other Army sites 4/ | | 20 | 89,892 | 23,403 | 42 | 39.9 | 636 | 602 | 16 | 18 |
| Air Force total | | 1,164 | 7,576,664 | 3,974 | 3,062 | 3,515.4 | 9,043 | 6,947 | 2,067 | 29 |
| Air Force Active | | 1,124 | 7,326,915 | 3,325 | 3,018 | 3,351.0 | 8,228 | 6,246 | 1,953 | 29 |
| Bellows Air Force Station | Waimanalo | 97 | 144,810 | 487 | 409 | 125.0 | 30 | 26 | 4 | - |
| Hickam Air Force Base 5/ | Honolulu | 971 | 7,078,678 | 2,523 | 2,514 | 3,037.4 | 8,116 | 6,170 | 1,917 | 29 |
| Hickam Petroleum Products Storage Annex | Wahiawa | 19 | 10,657 | 151 | 95 | 130.9 | - | - | - | - |
| Kaena Point Satellite Tracking Station | Haleiwa | 25 | 69,531 | 153 | - | 46.4 | 20 | 2 | 18 | - |
| Kokee Air Force Station | Kekaha | 12 | 23,239 | 11 | - | 11.3 | 62 | 48 | 14 | - |
| Air National Guard | | 4 | 31,016 | 11 | 11 | 13.6 | 160 | 131 | 29 | - |
| Barking Sands Communication Station | Kekaha | 4 | 31,016 | 11 | 11 | 13.6 | 160 | 131 | 29 | - |
| 14 other Air Force sites 4/ | | 36 | 218,733 | 638 | 33 | 150.7 | 655 | 570 | 85 | - |

Continued on next page.

Table 10.21-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2006 -- Con.

| Site | Name of nearest city | Buildings Owned 1/ | | Acreage | | PRV 2/ (\$mil.) | Personnel | | | |
|--------------------------------------|----------------------|--------------------|-------------|---------|--------|-----------------|-----------|----------|----------|----------|
| | | Number | Square feet | Total | Owned | | Total | Military | Civilian | Other 3/ |
| Marine Corps total | | 1,967 | 9,974,530 | 4,680 | 4,673 | 3,542.6 | 7,984 | 7,190 | 771 | 23 |
| Marine Active | | 1,284 | 7,758,367 | 3,343 | 3,339 | 3,164.2 | 7,984 | 7,190 | 771 | 23 |
| Housing | Kaneohe | 656 | 1,796,340 | 123 | 123 | 439.0 | - | - | - | - |
| Kaneohe Bay Marine Corps Base | Kaneohe | 540 | 4,696,188 | 2,832 | 2,828 | 2,281.8 | 6,521 | 5,887 | 634 | - |
| Marine Corps Base Camp Smith | Honolulu | 61 | 952,442 | 221 | 221 | 372.0 | 1,463 | 1,303 | 137 | 23 |
| Pearl City Annex | Pearl City | 6 | 254,960 | 27 | 27 | 44.0 | - | - | - | - |
| Puuloa-Oahu | Ewa Beach | 21 | 58,437 | 140 | 140 | 27.4 | - | - | - | - |
| 5 other Marine sites 4/ | | 683 | 2,216,163 | 1,338 | 1,335 | 378.3 | - | - | - | - |
| Navy total | | 5,352 | 23,964,034 | 31,974 | 27,694 | 12,041.5 | 22,889 | 14,452 | 8,430 | 7 |
| Navy Active | | 5,342 | 23,924,333 | 30,681 | 27,582 | 12,009.3 | 22,889 | 14,452 | 8,430 | 7 |
| Barking Sands | Kekaha | 270 | 601,538 | 4,354 | 1,933 | 398.7 | - | - | - | - |
| CSO Barbers Point HI | Barbers Point | - | - | 1,246 | 1,116 | 76.0 | - | - | - | - |
| Ewa | Ewa Beach | 1,896 | 3,404,433 | 3,144 | 3,130 | 915.2 | - | - | - | - |
| Honolulu 5/ | Pearl Harbor | 698 | 3,000,378 | 620 | 616 | 1,442.6 | - | - | - | - |
| Kalaeloa | Barbers Point | 166 | 1,020,650 | 940 | 932 | 417.5 | - | - | - | - |
| Kamokala Ridge | Kekaha | 13 | 23,582 | 89 | - | 13.8 | - | - | - | - |
| Kunia | Kunia | - | - | 96 | - | 133.5 | - | - | - | - |
| Makaha Ridge | Kokee | 14 | 24,774 | 245 | - | 25.6 | - | - | - | - |
| Naval Station Pearl Harbor Hawaii 5/ | Pearl Harbor | 935 | 11,547,468 | 7,415 | 7,362 | 6,055.7 | 22,777 | 14,340 | 8,430 | 7 |
| NS Pearl Harbor HI (Aiea) | Aiea | 89 | 184,434 | 99 | 96 | 192.1 | - | - | - | - |
| NS Pearl Harbor HI (Pearl City) | Pearl City | 345 | 1,402,854 | 284 | 276 | 441.6 | - | - | - | - |
| NS Pearl Harbor HI (Wahiawa) | Wahiawa | 308 | 1,089,216 | 743 | 720 | 352.8 | 112 | 112 | - | - |
| Red Hill | Honolulu | 20 | 27,777 | 243 | 242 | 676.2 | - | - | - | - |
| Waianae | Lualualei | 430 | 1,113,052 | 9,229 | 9,228 | 591.9 | - | - | - | - |
| Waikale | Waipahu | 134 | 439,967 | 479 | 478 | 215.9 | - | - | - | - |
| Waipahu | Waipahu | 24 | 44,210 | 1,455 | 1,453 | 60.2 | - | - | - | - |
| 9 other Navy sites 4/ | | 10 | 39,701 | 1,295 | 112 | 32.0 | - | - | - | - |

1/ This report also inventories leased buildings (4) and square footage (73,556) and other than owned or leased buildings (4,930) and square footage (18,842,903).

2/ PRV or plant replacement value represents the reported cost of replacing the facility and its supporting infrastructure using today's construction cost (labor and material) and standards (methodologies and codes).

3/ Other personnel include all known other civilian personnel identified for the site or installation, including personnel paid from Non-appropriated Funds, Foreign Nationals (direct hire) at foreign locations, and, if available, any full-time contractor personnel, regardless of Service affiliation.

4/ United States locations that do not meet criteria of at least 10 acres and at least \$10 million PRV (plant replacement value).

5/ Indicated realignment in the 2005 Defense Base Closure and Realignment Commission Final and Approved Recommendations Appendix Q Text.

Source: U.S. Department of Defense, Office of the Deputy Under Secretary of Defense (Installations & Environment), *Base Structure Report Fiscal Year 2007 Baseline, (A Summary of DoD's Real Property Inventory)* <http://www.acq.osd.mil/ie/irm/irm_library/BSR_FY2007_Baseline.pdf> accessed October 22, 2007.

Table 10.22-- MILITARY INSTALLATIONS BY COMPONENT AND SIZE FOR HAWAII AND THE UNITED STATES: SEPTEMBER 30, 2006

| Location and component | Total | Large 1/ | Medium 2/ | Small 3/ | Other 4/ |
|---------------------------------|-------|----------|-----------|----------|----------|
| Hawaii | 84 | 4 | 4 | 72 | 4 |
| Army | 29 | 1 | 2 | 24 | 2 |
| Navy | 25 | 1 | 2 | 21 | 1 |
| Air Force | 20 | 1 | - | 18 | 1 |
| Marine Corps | 10 | 1 | - | 9 | - |
| United States | 4,402 | 97 | 107 | 3,640 | 558 |
| Army | 1,768 | 39 | 30 | 1,398 | 301 |
| Navy | 825 | 18 | 29 | 654 | 124 |
| Air Force | 1,630 | 34 | 39 | 1,439 | 118 |
| Marine Corps | 173 | 5 | 8 | 146 | 14 |
| Washington Headquarters Service | 6 | 1 | 1 | 3 | 1 |
| Hawaii as percent of the U.S. | 1.9 | 4.1 | 3.7 | 2.0 | 0.7 |
| Army | 1.6 | 2.6 | 6.7 | 1.7 | 0.7 |
| Navy | 3.0 | 5.6 | 6.9 | 3.2 | 0.8 |
| Air Force | 1.2 | 2.9 | 0.0 | 1.3 | 0.8 |
| Marine Corps | 5.8 | 20.0 | 0.0 | 6.2 | 0.0 |

1/ A large installation has a total plant replacement value (PRV) greater than or equal to \$1.640 billion.

2/ A medium installation has a total plant replacement value (PRV) less than \$1.640 billion and greater than or equal to \$875 million.

3/ A small installation has a total plant replacement value (PRV) less than \$875 million and greater than 0.

4/ Other Installation has a total plant replacement value (PRV) equal to zero - primarily land records.

Source: U.S. Department of Defense, Office of the Deputy Under Secretary of Defense (Installations & Environment), *Base Structure Report (A Summary of DoD's Real Property Inventory), Fiscal Year 2007 Baseline*, pp. DOD-22 and 25 <http://www.acq.osd.mil/ie/irm/irm_library/BSR_FY2007_Baseline.pdf> accessed October 22, 2007.

**Table 10.23-- HOUSING UNITS IN SELECTED MILITARY AREA
CENSUS-DESIGNATED PLACES: 2000**

| Geographic area | Housing units (count) |
|---------------------------|-----------------------|
| Total housing units | 460,542 |
| Ahuimanu CDP | 2,681 |
| Barbers Point Housing CDP | 127 |
| Hickam Housing CDP | 1,718 |
| Iroquois Point CDP | 1,035 |
| Kaneohe Station CDP | 2,388 |
| Schofield Barracks CDP | 3,733 |
| Wheeler AFB CDP | 855 |

Source: U.S. Census Bureau, Census 2000 U.S. Housing Unit Count - Hawaii
<<http://quickfacts.census.gov/hunits/states/15000.html>> accessed August 13, 2002.

**Table 10.24-- MILITARY HOUSING PRIVATIZATION INITIATIVE PROJECTS:
JANUARY 2005**

[Numbers of units are approximate. The MHPI is a 50-year public-private partnership as authorized under the National Defense Authorization Act for Fiscal Year 1996 to facilitate upgrade and maintenance of the inventory of military housing units]

| Component, location and condition | Number of dwelling units |
|--|--------------------------|
| Total dwelling units participating | 16,396 |
| Army - Residential Communities Initiative - Total 1/ | 7,704 |
| Oahu South - Honolulu | 3,111 |
| Aliamanu Military Reservation | 2,018 |
| Tripler Army Medical Center | 216 |
| Fort Shafter | 559 |
| Addendum: U.S. Coast Guard Kia'i Kai Hale 2/ | 318 |
| Oahu North - Pearl Harbor | 4,911 |
| Wheeler Army Airfield - approximate | 657 |
| Schofield Barracks | 3,366 |
| Helemano Military Reservation | 888 |
| Air Force - Total 3/ | 1,356 |
| Capehart - conduct minor renovation | 354 |
| Capehart - construct new units | 104 |
| Capehart - conduct major renovation | 66 |
| Earhart - construct new units | 646 |
| Earhart - conduct minor renovation | 186 |
| Navy/Marine - Public-private partnership - Total | 7,336 |
| Navy/Marine - Phase 1 4/ | 1,948 |
| Halsey Terrace | 475 |
| Hokulani | 190 |
| McGrew Point | 130 |
| Radford Terrace | 401 |
| Moanalua Terrace | 752 |
| Navy/Marine - Future Phase 2 | 1,002 |
| Catlin Park | 370 |
| Halawa | 80 |
| Hale Moku | 318 |
| Doris Miller Park | 214 |
| Maloelap | 20 |

Continued on next page.

**Table 10.24-- MILITARY HOUSING PRIVATIZATION INITIATIVE
PROJECTS: JANUARY 2005 -- Con.**

| Component, location and condition | Number of dwelling units |
|-----------------------------------|--------------------------|
| Navy/Marine - Future Phase 3 | 2,050 |
| Camp Stover | 200 |
| Manana, Navy | 79 |
| Pearl City | 850 |
| Marine Barracks | 11 |
| Ford Island | 600 |
| Hale Ali'i | 14 |
| Makalapa | 107 |
| L'il Makalapa | 30 |
| Hospital Point | 19 |
| NCTAMS | 140 |
| Navy/Marine - Future Phase 4 | 2,336 |
| Kaneohe Bay - approximate number | 2,336 |

1/ A January 2002 estimate indicated the FY2002 project at Ft. Shafter/Schofield will encompass 8,178 homes. In early August 2003, the U.S. Army announced selection of Actus Lend Lease LLC.

2/ There is an option for 318 units of U.S.Coast Guard housing to be included in the Army's RCI project.

3/ As of September, 2003 the U.S. Air Force planned to privatize 1,356 housing units and retain 1,284. On October 3, 2003 the U.S. Air Force announced selection of Napa, California-based Actus Lend Lease LLC as development partner. The original agreement had been challenged in court and renegotiation ordered. Subsequently, the renegotiated contract for Phase 1 was signed on February 1, 2005. Initial Hickam development work estimated at \$197 million is expected to start in May 2005 and be completed by January 2010.

4/ On September 26, 2003, the U.S. Navy Region Hawaii announced selection of development team Hawaii Military Communities LLC (HMC) - a partnership of Ohio-based Forest City Enterprises Inc., Texas-based C.F. Jordan LP and 19 Hawaii companies. HMC has entered into negotiations with the Navy for Phase 1. The cost is estimated at \$358 million for construction, renovation and demolition and for amenities such as community centers, landscaping and street improvements. The plan includes 10 management homes for a total of 1,958 where 918 will be replaced and 1,040 will be renovated.

Source: Building Industry Association of Hawaii "Military Housing Privatization Initiative in Hawaii" Forum Presentation, June 18, 2003 <<http://biahawaii.inets.com/docs/webdocs/RTC/BIA0306171.pdf>> accessed July 17, 2003; Hawaii Military Communities News Release, September 26, 2003 <<http://www.hawaiimilitarycommunities.com/press/press1.pdf>> accessed October 7, 2003; Honolulu Advertiser "Actus wins \$1.1B Air Force contract" (October 4, 2003) <<http://the.honoluluadvertiser.com/article/2003/Oct/04/bz/bz02a.html>> accessed October 4, 2003; Actus Lend Lease Community Development "Our Island Projects" <http://www.lendleaseactus.com/llweb/all/main.nsf/all/commdev_whereweare_hawaii_islandproj?opendocument> accessed June 30, 2005; Pacific Business News "Military Housing projects Will Create 600-800 Jobs" (February 4, 2005); U.S. Air Force, "Hickam AFB - Housing Privatization Fact Sheet September 2003" <[http://www2.hickam.af.mil/housing/PrivMH/Updated%20Fact%20Sheet%20\(Jun%202003\)%20sans%2036%20units.doc](http://www2.hickam.af.mil/housing/PrivMH/Updated%20Fact%20Sheet%20(Jun%202003)%20sans%2036%20units.doc)> accessed October 8, 2003, and "Hickam AFB Housing Privatization Fact Sheet, January 2005" <[http://www2.hickam.af.mil/housing/privmh/February%202005%20Fact%20Sheet%20\(1-8-04\).doc](http://www2.hickam.af.mil/housing/privmh/February%202005%20Fact%20Sheet%20(1-8-04).doc)> accessed June 28, 2005; Hickam Housing Privatization <<http://www2.hickam.af.mil/housing/privmh/home.htm>> accessed June 30, 2005; U.S. Navy Region Hawaii News Release "PPV contractor announced" <http://www.hnn.navy.mil/ppv_031003.htm> accessed October 10, 2003.

**Table 10.25-- MILITARY MONTHLY BASIC ALLOWANCES FOR HOUSING
RATES, BY COUNTY: 2008**

[In dollars. For fiscal year ending September 30. Total housing costs are calculated for six housing profiles based on dwelling type and number of bedrooms, in each military housing area. Basic Allowances for Housing rates are then calculated for each pay grade, with and without dependents]

| Code 1/ | With dependents | | | | Without dependents | | | |
|---------|-----------------|-----------------|---------------|--------------|--------------------|-----------------|---------------|--------------|
| | Maui County | Honolulu County | Hawaii County | Kauai County | Maui County | Honolulu County | Hawaii County | Kauai County |
| E01 | 1,991 | 1,985 | 1,640 | 1,728 | 1,632 | 1,669 | 1,230 | 1,296 |
| E02 | 1,991 | 1,985 | 1,640 | 1,728 | 1,632 | 1,669 | 1,230 | 1,296 |
| E03 | 1,991 | 1,985 | 1,640 | 1,728 | 1,632 | 1,669 | 1,230 | 1,296 |
| E04 | 1,991 | 1,985 | 1,640 | 1,728 | 1,632 | 1,669 | 1,230 | 1,296 |
| E05 | 2,143 | 2,114 | 1,778 | 1,946 | 1,771 | 1,794 | 1,383 | 1,460 |
| E06 | 2,258 | 2,286 | 1,796 | 2,371 | 1,859 | 1,873 | 1,520 | 1,778 |
| E07 | 2,373 | 2,460 | 1,859 | 2,454 | 2,001 | 1,993 | 1,649 | 1,841 |
| E08 | 2,500 | 2,650 | 1,928 | 2,546 | 2,166 | 2,148 | 1,782 | 2,029 |
| E09 | 2,635 | 2,868 | 1,984 | 2,669 | 2,201 | 2,201 | 1,787 | 2,162 |
| | | | | | | | | |
| W01 | 2,260 | 2,289 | 1,797 | 2,372 | 1,933 | 1,935 | 1,587 | 1,779 |
| W02 | 2,425 | 2,538 | 1,887 | 2,492 | 2,165 | 2,147 | 1,781 | 2,028 |
| W03 | 2,579 | 2,769 | 1,971 | 2,603 | 2,205 | 2,206 | 1,788 | 2,174 |
| W04 | 2,656 | 2,906 | 1,989 | 2,695 | 2,287 | 2,329 | 1,812 | 2,392 |
| W05 | 2,745 | 3,064 | 2,010 | 2,801 | 2,401 | 2,502 | 1,874 | 2,475 |
| | | | | | | | | |
| O01E | 2,398 | 2,497 | 1,873 | 2,472 | 2,143 | 2,114 | 1,778 | 1,946 |
| O02E | 2,556 | 2,734 | 1,958 | 2,586 | 2,193 | 2,189 | 1,786 | 2,132 |
| O03E | 2,670 | 2,930 | 1,992 | 2,711 | 2,258 | 2,286 | 1,796 | 2,371 |
| | | | | | | | | |
| O01 | 2,156 | 2,134 | 1,780 | 1,994 | 1,838 | 1,855 | 1,501 | 1,510 |
| O02 | 2,255 | 2,282 | 1,796 | 2,361 | 2,090 | 2,069 | 1,730 | 1,871 |
| O03 | 2,573 | 2,760 | 1,968 | 2,599 | 2,217 | 2,224 | 1,790 | 2,218 |
| O04 | 2,783 | 3,130 | 2,018 | 2,846 | 2,385 | 2,477 | 1,865 | 2,463 |
| O05 | 2,928 | 3,387 | 2,052 | 3,018 | 2,462 | 2,593 | 1,907 | 2,518 |
| O06 | 2,952 | 3,415 | 2,069 | 3,043 | 2,579 | 2,769 | 1,971 | 2,603 |
| O07 | 2,987 | 3,455 | 2,093 | 3,078 | 2,631 | 2,824 | 2,010 | 2,655 |

1/ E indicates enlisted; W, warrant officer; OE, commissioned officer with more than 4 years active duty service as an enlisted member or Warrant Officer; and O, officer. The number indicates the grade. The higher number the higher the rank.

Source: U.S. Department of Defense, Per Diem, Travel and Transportation Allowance Committee, "Basic Allowance for Housing (BAH) UPDATED: 30-JAN-2008" <<https://secureapp2.hqda.pentagon.mil/perdiem/bah.html>> <<http://141.116.74.201/bah/acrobat/2008/!FINAL%202008%20'With'%20BAH%20Rates.pdf>> and <<http://141.116.74.201/bah/acrobat/2008/!FINAL%202008%20'Without'%20BAH%20Rates.pdf>> accessed February 27, 2008.

**Table 10.26-- VETERAN STATUS OF CIVILIANS 16 YEARS AND OVER:
1980, 1990, 2000 AND 2003 TO 2006**

[As of April 1 for 1980, 1990 and 2000 and September 30 thereafter]

| Veteran status | 1980 | 1990 | 2000 1/ | 2003 | 2004 | 2005 | 2006 |
|-----------------------|-------------|-------------|----------------|-------------|-------------|-------------|-------------|
| Civilians 16 and over | 665,036 | 801,517 | 878,220 | (NA) | (NA) | (NA) | (NA) |
| Veterans | 103,774 | 119,256 | 120,587 | 115,000 | 107,000 | 105,000 | 102,000 |
| Male veterans | 98,633 | 112,011 | 111,431 | 106,000 | 99,000 | 96,000 | 94,000 |
| Female veterans | 5,141 | 7,245 | 9,156 | 9,000 | 9,000 | 8,000 | 8,000 |
| War veterans 2/ | 85,322 | 87,301 | (NA) | 86,000 | (NA) | (NA) | (NA) |
| Persian Gulf War 3/ | (X) | (X) | (NA) | 18,000 | 20,000 | 20,000 | 21,000 |
| Vietnam era | 38,136 | 41,860 | 41,630 | 41,000 | 39,000 | 38,000 | 38,000 |
| Korean conflict | 22,351 | 22,362 | 18,000 | 16,000 | 15,000 | 14,000 | 13,000 |
| World War II | 32,156 | 30,187 | 22,561 | 18,000 | 16,000 | 14,000 | 13,000 |
| World War I | 854 | 132 | (4/) | (4/) | (4/) | (4/) | - |
| Peacetime only | 18,452 | 31,955 | (NA) | 29,000 | 25,000 | 25,000 | 24,000 |
| Nonveterans | 561,262 | 682,261 | 757,633 | (NA) | (NA) | (NA) | (NA) |

NA Not available.

X Not applicable.

1/ Civilian population 18 years and over.

2/ Detail adds to more than subtotal because some veterans served in more than one war.

3/ Service from August 2, 1990 to the present.

4/ Fewer than 100.

Source: Hawaii State Department of Defense, Office of Veterans Affairs, records; U.S. Census Bureau, 1980 Census of Population, PC80-1-D13, table 204; *1990 Census of Population, Social and Economic Characteristics, Hawaii, 1990 CP-2-13* (Sept. 1993), table 23; 1990 Census of Population tapes tabulated by Hawaii State Data Center; *Statistical Abstract of the United States* Section 10, National Security and Veterans Affairs (formerly called National Defense and Veterans Affairs) (annual) <<http://www.census.gov/compendia/statab/>> accessed April 22, 2008; U.S. Department of Veterans Affairs "Census 2000: Period of Military Service for Civilian Veterans 18 Years and Over" <<http://www.va.gov/vetdata/Census2000/CenData/pos.pdf>> and "Sex by Age by Armed Forces Status by Veteran Status for the Population 18 Years and Over" <<http://www.va.gov/vetdata/Census2000/CenData/agesexdata.xls>> accessed June 23, 2004.

Table 10.27-- ARMED FORCES STATUS, BY VETERAN STATUS, BY SEX AND AGE FOR THE POPULATION 18 YEARS AND OVER: 2000

[As of April 1]

| Characteristic | Hawaii | United States | Hawaii as percent of U.S. |
|-------------------|---------|---------------|---------------------------|
| Total | 917,212 | 209,279,149 | 0.44 |
| 18 to 64 years | 756,071 | 174,300,177 | 0.43 |
| In Armed Forces | 38,992 | 1,148,797 | 3.39 |
| Civilian: | 717,079 | 173,151,380 | 0.41 |
| Veteran | 79,828 | 16,740,194 | 0.48 |
| Nonveteran | 637,251 | 156,411,186 | 0.41 |
| 65 years and over | 161,141 | 34,978,972 | 0.46 |
| In Armed Forces | - | - | - |
| Civilian: | 161,141 | 34,978,972 | 0.46 |
| Veteran | 40,759 | 9,663,509 | 0.42 |
| Nonveteran | 120,382 | 25,315,463 | 0.48 |
| Male | 456,895 | 100,909,272 | 0.45 |
| 18 to 64 years | 385,282 | 86,526,902 | 0.45 |
| In Armed Forces | 34,329 | 985,393 | 3.48 |
| Civilian: | 350,953 | 85,541,509 | 0.41 |
| Veteran | 72,148 | 15,494,594 | 0.47 |
| Nonveteran | 278,805 | 70,046,915 | 0.40 |
| 65 years and over | 71,613 | 14,382,370 | 0.50 |
| In Armed Forces | - | - | - |
| Civilian: | 71,613 | 14,382,370 | 0.50 |
| Veteran | 39,283 | 9,315,855 | 0.42 |
| Nonveteran | 32,330 | 5,066,515 | 0.64 |
| Female | 460,317 | 108,369,877 | 0.42 |
| 18 to 64 years | 370,789 | 87,773,275 | 0.42 |
| In Armed Forces | 4,663 | 163,404 | 2.85 |
| Civilian: | 366,126 | 87,609,871 | 0.42 |
| Veteran | 7,680 | 1,245,600 | 0.62 |
| Nonveteran | 358,446 | 86,364,271 | 0.42 |
| 65 years and over | 89,528 | 20,596,602 | 0.43 |
| In Armed Forces | - | - | - |
| Civilian: | 89,528 | 20,596,602 | 0.43 |
| Veteran | 1,476 | 347,654 | 0.42 |
| Nonveteran | 88,052 | 20,248,948 | 0.43 |

Source: U.S. Department of Veterans' Affairs, "Sex by Age by Armed Forces Status by Veteran Status for the Population 18 Years and Over"

<<http://www.va.gov/vetdata/Census2000/CenData/agesexdata.xls>> accessed June 23, 2004 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.28-- DISTRIBUTION OF VETERANS AFFAIRS POPULATION
AND EXPENDITURES, BY COUNTY: 2006 AND 2007**

[In number of persons and thousands of dollars. Fiscal year ending September 30]

| Subject | State | Hawaii | City & County of Honolulu | Kalawao | Kauai | Maui |
|--|--------------|---------------|--|----------------|--------------|-------------|
| 2006 | | | | | | |
| Veteran population 1/ | 102,396 | 13,966 | 72,584 | 6 | 5,405 | 10,435 |
| Compensation & pension 2/ Education & vocational rehab | 172,426 | 28,853 | 120,556 | - | 6,873 | 16,143 |
| Medical expenditures 3/ Insurance & indemnities | 16,562 | 952 | 15,009 | - | 213 | 388 |
| Construction & related costs | 121,316 | 22,458 | 80,950 | 1 | 6,622 | 11,285 |
| General operating expenses | 15,559 | (NA) | (NA) | (NA) | (NA) | (NA) |
| | 407 | (NA) | (NA) | (NA) | (NA) | (NA) |
| | 8,737 | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2007 | | | | | | |
| Veteran population 1/ | 118,633 | 16,156 | 84,752 | 7 | 6,153 | 11,566 |
| Compensation & pension 2/ Education & vocational rehab | 174,876 | 28,688 | 122,438 | - | 6,944 | 16,807 |
| Medical care 3/ Insurance & indemnities | 25,094 | 1,438 | 22,738 | - | 238 | 679 |
| Construction | 115,721 | 20,517 | 79,302 | - | 5,861 | 10,041 |
| General operating expenses | 13,193 | 1,512 | 10,106 | - | 653 | 923 |
| | 414 | - | 414 | - | - | - |
| | 9,621 | - | 9,621 | - | - | - |

1/ Veteran population estimated as of September 30. Source obtained data from Office of the Actuary, Department of Veterans Affairs.

2/ Includes expenditures for veterans' compensation for service-connected disability; dependency and indemnity compensation for service-connected deaths; veterans' pension for nonservice-connected disabilities; and pension to veterans' surviving spouse and children.

3/ Includes medical services, medical administration, facility maintenance cost, educational support, research support, and other overhead items; but excludes construction or other non-medical support activities.

Source: U.S. Department of Veteran Affairs, Veteran Data & Information, Expenditure Data by Locality, Geographic Distribution of VA Expenditures (GDX) (annual)
<<http://www1.va.gov/vetdata/page.cfm?pg=3>> accessed April 22, 2008.

Table 10.29-- MILITARY RETIREMENT SYSTEM: 2007

[As of September 30]

| Category | Number of personnel | | Monthly payment 2/ (\$1,000) | Average payment per person paid (dollars) |
|--------------------------------|---------------------|-------------|---------------------------------|---|
| | Retired 1/ | Paid by DOD | | |
| Department of Defense | 15,701 | 14,783 | 29,324 | 1,984 |
| By branch of service 3/ | | | | |
| Army | 5,713 | 5,295 | 9,895 | 1,869 |
| Navy | 4,538 | 4,320 | 8,961 | 2,074 |
| Marine Corps | 1,018 | 933 | 2,195 | 2,353 |
| Air Force | 4,432 | 4,235 | 8,273 | 1,953 |
| Coast Guard 3/ | 321 | 312 | 579 | 1,856 |
| By rank | | | | |
| Officers | 4,478 | 4,438 | 13,924 | 3,137 |
| Nondisabled and reserve | 4,326 | 4,305 | 13,578 | 3,154 |
| Disabled | 152 | 133 | 346 | 2,602 |
| Enlisted | 11,223 | 10,345 | 15,400 | 1,489 |
| Nondisabled and reserve | 10,337 | 9,933 | 15,008 | 1,511 |
| Disabled | 886 | 412 | 392 | 951 |
| Department of Defense, over 65 | 6,823 | 6,287 | 12,603 | 2,005 |
| By branch of service 3/ | | | | |
| Army | 2,919 | 2,695 | 4,902 | 1,819 |
| Navy | 1,537 | 1,393 | 3,188 | 2,289 |
| Marine Corps | 356 | 334 | 858 | 2,569 |
| Air Force | 2,011 | 1,865 | 3,655 | 1,960 |
| Coast Guard 3/ | 135 | 129 | 257 | 1,992 |
| By rank | | | | |
| Officers | 2,243 | 2,217 | 6,757 | 3,048 |
| Nondisabled and reserve | 2,168 | 2,147 | 6,536 | 3,044 |
| Disabled | 75 | 70 | 221 | 3,157 |
| Enlisted | 4,580 | 4,070 | 5,846 | 1,436 |
| Nondisabled and reserve | 4,336 | 3,942 | 5,680 | 1,441 |
| Disabled | 244 | 128 | 166 | 1,297 |

Continued on next page.

Table 10.29-- MILITARY RETIREMENT SYSTEM: 2007 -- Con.

| Category | Number retired | Monthly payment 2/ (\$1,000) | Average payment per person paid (dollars) |
|---|-----------------------|-------------------------------------|--|
| Department of Defense, concurrent receipt | 1,757 | 1,644 | 936 |
| Concurrent Retirement & Disability Pay | 1,294 | 1,180 | 912 |
| Nondisabled | 1,155 | 1,020 | 883 |
| Disabled | 96 | 129 | 1,344 |
| Reserve | 43 | 31 | 721 |
| Combat Related Special Compensation | 463 | 464 | 1,002 |
| Nondisabled | 386 | 403 | 1,044 |
| Disabled | 23 | 36 | 1,565 |
| Reserve | 54 | 26 | 481 |
| Military survivors, by branch of servicemember 3/ | | | |
| Receiving pay 4/ | 1,957 | 1,824 | 932 |
| Army | 1,023 | 890 | 870 |
| Navy | 431 | 436 | 1,012 |
| Marine Corps | 90 | 109 | 1,211 |
| Air Force | 413 | 389 | 942 |
| Coast Guard 3/ | 29 | 27 | 931 |
| Over 65 receiving pay 4/ | 1,631 | 1,557 | 955 |
| Army | 865 | 771 | 891 |
| Navy | 369 | 387 | 1,049 |
| Marine Corps | 69 | 80 | 1,159 |
| Air Force | 328 | 319 | 973 |
| Coast Guard 3/ | 22 | 22 | 1,000 |

1/ Number retired includes, in addition to "number paid by DOD", retirees whose net pay is zero or less after any survivor benefit premium deductions and/or various other offsets such as Veterans Administration payments.

2/ The monthly amount of payment (net pay) is before deductions for withholding taxes and allotments, but after deductions for survivor benefits, waivers to obtain benefits from the Veterans Administration.

3/ Payments made by the U.S. Department of Transportation, shown for informational purposes only, and not included in the Department of Defense totals.

4/ Under the Retired Servicemen's Family Protection Plan or the Survivor Benefit Plan. Families of deceased members enrolled in both plans are counted only once. Children of the same deceased member receiving separate benefits are counted individually. Some survivors whose pay has been suspended are included.

Source: U.S. Department of Defense, Office of the Actuary, *Fiscal Year 2007 DOD Statistical Report on the Military Retirement System* (May 2008) pp. 25-29 and 197-198 <<http://www.defenselink.mil/actuary/>> accessed June 12, 2008 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Section 11

SOCIAL INSURANCE AND HUMAN SERVICES

This section presents data related to governmental expenditures on social welfare; programs for old-age, survivors, disability and health insurance; public employee retirement; unemployment insurance; aid to the needy; and child and other welfare services. Also included here are selected statistics on disability, foundations, and the quality of life. Related data are cited in Sections 9 and 13.

Major data sources include reports and records of the U.S. Department of Health and Human Services, the Hawaii State Department of Human Services, the Hawaii State Department of Labor and Industrial Relations, and the Hawaii State Employees' Retirement System. *Historical Statistics of Hawaii*, Section 8, contains data for earlier years. Section 11 of the *Statistical Abstract of the United States: 2008* presents comparable national data.

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**Table 11.01-- TEMPORARY ASSISTANCE TO NEEDY FAMILIES,
AVERAGE MONTHLY, BY ISLAND: 2002 TO 2007**

[Fiscal year ending June 30. AFDC became Temporary Assistance to Needy Families (TANF) effective FY 1998]

| Category | State | Oahu | Hawaii | Kauai | Maui County | | | |
|-----------------|--------|--------|--------|-------|--------------|-------|-------|---------|
| | | | | | County total | Lanai | Maui | Molokai |
| 2002 | | | | | | | | |
| Cases | 11,867 | 7,949 | 2,467 | 575 | 876 | 13 | 735 | 128 |
| Recipients | 32,407 | 21,917 | 6,700 | 1,514 | 2,276 | 29 | 1,896 | 351 |
| Expenditures 1/ | 6,076 | 4,096 | 1,266 | 280 | 434 | 6 | 363 | 65 |
| 2003 | | | | | | | | |
| Cases | 10,269 | 6,821 | 2,111 | 483 | 854 | (NA) | 743 | 111 |
| Recipients | 26,960 | 18,100 | 5,515 | 1,198 | 2,147 | (NA) | 1,868 | 279 |
| Expenditures 1/ | 5,294 | 3,540 | 1,099 | 230 | 425 | (NA) | 369 | 56 |
| 2004 | | | | | | | | |
| Cases | 9,336 | 6,081 | 2,005 | 430 | 820 | (NA) | 715 | 105 |
| Recipients | 23,921 | 15,780 | 5,085 | 1,027 | 2,029 | (NA) | 1,773 | 256 |
| Expenditures 1/ | 4,807 | 3,161 | 1,041 | 205 | 400 | (NA) | 348 | 52 |
| 2005 | | | | | | | | |
| Cases | 8,523 | 5,547 | 1,855 | 351 | 770 | (NA) | 666 | 104 |
| Recipients | 21,549 | 14,176 | 4,671 | 820 | 1,882 | (NA) | 1,625 | 257 |
| Expenditures 1/ | 4,421 | 2,892 | 977 | 173 | 379 | (NA) | 326 | 53 |
| 2006 | | | | | | | | |
| Cases | 7,301 | 4,818 | 1,562 | 310 | 611 | (NA) | 502 | 109 |
| Recipients | 18,124 | 12,077 | 3,875 | 716 | 1,456 | (NA) | 1,186 | 270 |
| Expenditures 1/ | 3,791 | 2,500 | 826 | 157 | 308 | (NA) | 251 | 57 |
| 2007 | | | | | | | | |
| Cases | 6,569 | 4,284 | 1,433 | 278 | 574 | (NA) | 471 | 103 |
| Recipients | 16,079 | 10,574 | 3,514 | 637 | 1,354 | (NA) | 1,098 | 256 |
| Expenditures 1/ | 3,387 | 2,204 | 751 | 145 | 287 | (NA) | 234 | 54 |

NA Not available.

1/ Thousands of dollars.

Source: Hawaii State Department of Human Services, Research, *A Statistical Report on Welfare In Hawaii* (annual).

**Table 11.02-- TEMPORARY ASSISTANCE TO OTHER NEEDY FAMILIES,
AVERAGE MONTHLY, BY ISLAND: 2002 TO 2007**

[Fiscal year ending June 30. AFDC-UP became Temporary Assistance to Other Needy Families (TAONF) effective FY 1998. General Assistance (Family) was also added to TAONF]

| Category | State | Oahu | Hawaii | Kauai | Maui County | | | |
|-----------------|--------|--------|--------|-------|--------------|-------|------|---------|
| | | | | | County total | Lanai | Maui | Molokai |
| 2002 | | | | | | | | |
| Cases | 5,073 | 3,526 | 973 | 243 | 331 | 3 | 217 | 111 |
| Recipients | 21,011 | 14,433 | 4,082 | 1,064 | 1,432 | 11 | 926 | 495 |
| Expenditures 1/ | 2,600 | 1,784 | 511 | 134 | 171 | 2 | 113 | 56 |
| 2003 | | | | | | | | |
| Cases | 4,093 | 2,932 | 714 | 168 | 279 | (NA) | 192 | 87 |
| Recipients | 16,207 | 11,488 | 2,846 | 704 | 1,169 | (NA) | 801 | 368 |
| Expenditures 1/ | 2,041 | 1,445 | 368 | 89 | 139 | (NA) | 97 | 42 |
| 2004 | | | | | | | | |
| Cases | 3,579 | 2,591 | 626 | 119 | 243 | (NA) | 167 | 76 |
| Recipients | 13,844 | 9,869 | 2,473 | 490 | 1,012 | (NA) | 682 | 330 |
| Expenditures 1/ | 1,743 | 1,252 | 315 | 58 | 118 | (NA) | 81 | 37 |
| 2005 | | | | | | | | |
| Cases | 3,107 | 2,291 | 552 | 81 | 183 | (NA) | 128 | 55 |
| Recipients | 11,833 | 8,587 | 2,179 | 315 | 752 | (NA) | 525 | 227 |
| Expenditures 1/ | 1,538 | 1,121 | 290 | 40 | 87 | (NA) | 62 | 25 |
| 2006 | | | | | | | | |
| Cases | 2,536 | 1,952 | 414 | 52 | 118 | (NA) | 74 | 44 |
| Recipients | 9,383 | 7,123 | 1,615 | 193 | 452 | (NA) | 284 | 168 |
| Expenditures 1/ | 1,299 | 990 | 225 | 26 | 58 | (NA) | 35 | 23 |
| 2007 | | | | | | | | |
| Cases | 2,407 | 1,831 | 416 | 48 | 112 | (NA) | 71 | 41 |
| Recipients | 8,731 | 6,498 | 1,628 | 180 | 425 | (NA) | 270 | 155 |
| Expenditures 1/ | 1,202 | 902 | 223 | 25 | 52 | (NA) | 31 | 21 |

NA Not available.

1/ Thousands of dollars.

Source: Hawaii State Department of Human Services, Research, *A Statistical Report on Welfare In Hawaii* (annual).

Table 11.03-- AVERAGE MONTHLY CASES SERVED BY THE FOOD STAMP PROGRAM, BY ISLAND: ANNUALLY, 1980 TO 2007

[Fiscal year ending June 30]

| Year | State | Oahu | Hawaii | Kauai | Maui County | | | |
|------|--------|--------|--------|-------|--------------|-------|-------|---------|
| | | | | | County total | Lanai | Maui | Molokai |
| 1980 | 38,499 | 27,473 | 6,324 | 1,809 | 2,893 | 73 | 2,335 | 485 |
| 1981 | 40,461 | 28,788 | 6,698 | 1,876 | 3,099 | 83 | 2,473 | 543 |
| 1982 | 38,238 | 26,965 | 6,551 | 1,840 | 2,882 | 67 | 2,289 | 526 |
| 1983 | 38,549 | 26,438 | 7,040 | 2,050 | 3,021 | 70 | 2,407 | 544 |
| 1984 | 37,767 | 25,393 | 7,252 | 1,943 | 3,179 | 62 | 2,484 | 633 |
| 1985 | 37,282 | 24,873 | 7,330 | 1,980 | 3,099 | 64 | 2,352 | 683 |
| 1986 | 35,652 | 23,356 | 7,520 | 1,894 | 2,882 | 65 | 2,130 | 687 |
| 1987 | 33,424 | 21,908 | 7,244 | 1,717 | 2,555 | 50 | 1,839 | 666 |
| 1988 | 31,388 | 20,844 | 6,819 | 1,474 | 2,251 | 40 | 1,582 | 629 |
| 1989 | 31,809 | 21,233 | 6,916 | 1,410 | 2,250 | 29 | 1,633 | 588 |
| 1990 | 32,285 | 21,705 | 6,891 | 1,450 | 2,239 | 27 | 1,629 | 583 |
| 1991 | 33,558 | 22,649 | 7,097 | 1,545 | 2,267 | 29 | 1,686 | 552 |
| 1992 | 37,295 | 24,867 | 8,012 | 1,778 | 2,638 | 33 | 1,961 | 644 |
| 1993 | 42,175 | 27,789 | 9,165 | 2,016 | 3,205 | 49 | 2,454 | 702 |
| 1994 | 48,142 | 31,735 | 10,449 | 2,264 | 3,694 | 48 | 2,969 | 677 |
| 1995 | 53,855 | 35,407 | 11,578 | 2,660 | 4,210 | 48 | 3,472 | 690 |
| 1996 | 58,028 | 38,107 | 12,364 | 2,955 | 4,602 | 50 | 3,872 | 680 |
| 1997 | 57,905 | 38,122 | 12,185 | 3,054 | 4,544 | 53 | 3,804 | 687 |
| 1998 | 54,264 | 35,057 | 11,926 | 2,983 | 4,298 | 53 | 3,519 | 726 |
| 1999 | 55,837 | 36,623 | 11,897 | 3,030 | 4,287 | 58 | 3,548 | 681 |
| 2000 | 54,992 | 36,556 | 11,508 | 2,875 | 4,053 | 49 | 3,356 | 648 |
| 2001 | 51,592 | 34,486 | 10,842 | 2,583 | 3,681 | 51 | 2,995 | 635 |
| 2002 | 50,967 | 33,854 | 10,768 | 2,674 | 3,671 | 30 | 3,003 | 638 |
| 2003 | (NA) | 33,392 | 10,648 | 2,591 | (NA) | (NA) | 3,256 | 661 |
| 2004 | 48,568 | 31,781 | 10,538 | 2,477 | 3,772 | 52 | 3,123 | 597 |
| 2005 | 47,794 | 31,530 | 10,268 | 2,296 | 3,700 | 54 | 3,082 | 564 |
| 2006 | 45,400 | 30,288 | 9,533 | 2,159 | 3,420 | 56 | 2,832 | 532 |
| 2007 | 45,028 | 29,846 | 9,576 | 2,078 | 3,528 | 59 | 2,920 | 549 |

NA Not available.

Source: Hawaii State Department of Human Services, Research, *A Statistical Report on Welfare In Hawaii* (annual).

**Table 11.04-- AVERAGE MONTHLY NUMBER OF INDIVIDUALS SERVED
BY THE FOOD STAMP PROGRAM, BY ISLAND: ANNUALLY, 1980 TO 2007**

[Fiscal year ending June 30]

| Year | State | Oahu | Hawaii | Kauai | Maui County | | | |
|------|---------|--------|--------|-------|--------------|-------|-------|---------|
| | | | | | County total | Lanai | Maui | Molokai |
| 1980 | 99,672 | 74,170 | 15,163 | 3,870 | 6,469 | 172 | 4,979 | 1,318 |
| 1981 | 103,996 | 77,369 | 15,781 | 3,911 | 6,935 | 188 | 5,293 | 1,454 |
| 1982 | 99,228 | 72,560 | 15,905 | 4,043 | 6,720 | 135 | 5,142 | 1,443 |
| 1983 | 101,118 | 71,574 | 17,474 | 4,752 | 7,318 | 157 | 5,595 | 1,566 |
| 1984 | 99,818 | 69,251 | 18,145 | 4,672 | 7,750 | 128 | 5,753 | 1,869 |
| 1985 | 99,395 | 68,145 | 18,539 | 4,942 | 7,769 | 140 | 5,604 | 2,025 |
| 1986 | 93,863 | 62,714 | 19,131 | 4,766 | 7,252 | 137 | 5,032 | 2,083 |
| 1987 | 87,070 | 57,935 | 18,456 | 4,217 | 6,462 | 91 | 4,317 | 2,054 |
| 1988 | 80,823 | 54,244 | 17,357 | 3,492 | 5,730 | 66 | 3,729 | 1,935 |
| 1989 | 80,284 | 53,964 | 17,444 | 3,282 | 5,594 | 38 | 3,793 | 1,763 |
| 1990 | 79,496 | 53,543 | 17,226 | 3,232 | 5,495 | 42 | 3,698 | 1,755 |
| 1991 | 81,345 | 54,927 | 17,466 | 3,472 | 5,480 | 62 | 3,776 | 1,642 |
| 1992 | 89,465 | 59,547 | 19,482 | 4,111 | 6,325 | 78 | 4,357 | 1,890 |
| 1993 | 99,571 | 65,177 | 22,044 | 4,625 | 7,725 | 127 | 5,547 | 2,051 |
| 1994 | 111,409 | 72,911 | 24,603 | 5,194 | 8,701 | 131 | 6,567 | 2,003 |
| 1995 | 122,121 | 79,571 | 26,781 | 6,061 | 9,708 | 125 | 7,540 | 2,043 |
| 1996 | 129,430 | 83,960 | 28,298 | 6,739 | 10,433 | 110 | 8,340 | 1,983 |
| 1997 | 129,138 | 84,049 | 27,757 | 6,973 | 10,359 | 119 | 8,265 | 1,975 |
| 1998 | 122,215 | 78,032 | 27,081 | 6,911 | 10,191 | 124 | 7,958 | 2,109 |
| 1999 | 124,417 | 80,621 | 26,710 | 6,941 | 10,145 | 133 | 8,069 | 1,943 |
| 2000 | 120,467 | 79,622 | 25,177 | 6,330 | 9,338 | 106 | 7,424 | 1,808 |
| 2001 | 110,371 | 73,429 | 23,230 | 5,563 | 8,149 | 100 | 6,303 | 1,746 |
| 2002 | 106,748 | 70,826 | 22,348 | 5,664 | 7,910 | 58 | 6,143 | 1,709 |
| 2003 | (NA) | 69,101 | 21,634 | 5,392 | (NA) | (NA) | 6,583 | 1,723 |
| 2004 | 99,128 | 65,014 | 21,145 | 5,029 | 7,940 | 96 | 6,263 | 1,581 |
| 2005 | 95,033 | 62,500 | 20,287 | 4,550 | 7,696 | 101 | 6,110 | 1,485 |
| 2006 | 88,968 | 58,923 | 18,894 | 4,217 | 6,934 | 112 | 5,461 | 1,361 |
| 2007 | 88,848 | 58,251 | 19,349 | 4,131 | 7,117 | 110 | 5,630 | 1,377 |

NA Not available.

Source: Hawaii State Department of Human Services, Research, *A Statistical Report on Welfare in Hawaii* (annual).

Table 11.05-- ANNUAL BENEFITS OF THE FOOD STAMP PROGRAM, BY ISLAND: 1986 TO 2007

[In dollars. Fiscal year ending June 30]

| Year | State | Oahu | Hawaii | Kauai | Maui County | | | |
|------|-------------|-------------|------------|------------|--------------|---------|------------|-----------|
| | | | | | County total | Lanai | Maui | Molokai |
| 1986 | 90,431,081 | 59,584,164 | 19,178,743 | 4,523,409 | 7,144,765 | 126,266 | 5,046,328 | 1,972,171 |
| 1987 | 86,590,419 | 56,916,991 | 19,025,062 | 4,118,900 | 6,529,466 | 91,545 | 4,440,672 | 1,997,249 |
| 1988 | 79,945,261 | 53,120,868 | 17,701,927 | 3,362,595 | 5,759,871 | 62,111 | 3,844,355 | 1,853,405 |
| 1989 | 74,533,213 | 49,550,098 | 16,722,757 | 3,006,023 | 5,254,335 | 32,933 | 3,667,459 | 1,553,943 |
| 1990 | 78,997,519 | 52,750,217 | 17,526,168 | 3,232,313 | 5,488,821 | 39,855 | 3,825,847 | 1,623,119 |
| 1991 | 94,473,871 | 63,485,005 | 20,541,064 | 4,042,598 | 6,405,204 | 64,878 | 4,574,468 | 1,765,858 |
| 1992 | 112,329,644 | 74,283,762 | 24,838,847 | 5,156,483 | 8,050,552 | 94,856 | 5,742,270 | 2,213,426 |
| 1993 | 126,788,607 | 82,450,018 | 28,538,846 | 5,824,432 | 9,975,311 | 146,194 | 7,400,324 | 2,428,793 |
| 1994 | 147,149,411 | 95,823,731 | 32,943,774 | 6,739,307 | 11,642,599 | 154,603 | 9,055,336 | 2,432,660 |
| 1995 | 171,641,900 | 111,603,705 | 37,840,508 | 8,411,516 | 13,786,171 | 155,076 | 10,998,797 | 2,632,298 |
| 1996 | 191,796,701 | 123,903,621 | 42,338,840 | 9,872,685 | 15,681,555 | 153,647 | 12,831,574 | 2,696,334 |
| 1997 | 193,487,005 | 125,414,180 | 42,071,872 | 10,367,997 | 15,632,956 | 171,979 | 12,749,822 | 2,711,155 |
| 1998 | 179,727,944 | 114,359,271 | 40,461,179 | 10,057,307 | 14,850,187 | 167,244 | 11,845,597 | 2,837,346 |
| 1999 | 178,991,763 | 115,489,788 | 39,208,297 | 9,841,805 | 14,451,873 | 173,891 | 11,697,878 | 2,580,104 |
| 2000 | 170,853,433 | 112,594,795 | 36,414,365 | 8,843,294 | 13,000,979 | 137,714 | 10,493,178 | 2,370,087 |
| 2001 | 153,082,202 | 101,678,549 | 32,812,572 | 7,577,344 | 11,013,737 | 124,481 | 8,640,495 | 2,248,761 |
| 2002 | 150,829,817 | 99,686,498 | 32,276,917 | 7,889,448 | 10,976,954 | 75,379 | 8,612,864 | 2,288,711 |
| 2003 | (NA) | 101,273,319 | 32,790,493 | 8,020,735 | (NA) | (NA) | 9,711,591 | 2,420,644 |
| 2004 | 153,362,400 | 100,264,401 | 33,130,628 | 7,611,329 | 12,356,042 | 139,841 | 9,868,558 | 2,347,643 |
| 2005 | 155,816,670 | 102,596,550 | 33,429,264 | 7,256,262 | 12,534,594 | 152,091 | 10,067,348 | 2,315,155 |
| 2006 | 149,936,273 | 99,663,072 | 31,752,570 | 6,894,578 | 11,626,053 | 168,128 | 9,248,983 | 2,208,942 |
| 2007 | 154,721,201 | 101,634,975 | 33,721,286 | 6,963,404 | 12,401,536 | 173,526 | 9,875,521 | 2,352,489 |

NA Not available.

Source: Hawaii State Department of Human Services, Research, *A Statistical Report on Welfare in Hawaii* (annual).

**Table 11.06-- RETIREMENT, SURVIVORS AND DISABILITY INSURANCE
(OASDI) BENEFICIARIES IN CURRENT-PAYMENT STATUS, BY AGE,
RACE, AND SEX: 2004 TO 2006**

[December data. Based on 10-percent samples]

| Age, race, and sex | 2004 | 2005 | 2006 |
|----------------------|---------|---------|---------|
| Total 1/ | 199,240 | 202,890 | 204,207 |
| Age | | | |
| 17 or under | 10,890 | 11,000 | 11,266 |
| 18 to 54 | 13,110 | 12,890 | 12,754 |
| 55 to 61 | 6,890 | 7,450 | 7,475 |
| 62 to 64 | 16,200 | 17,050 | 17,927 |
| 65 to 69 | 38,390 | 38,690 | 39,774 |
| 70 to 74 | 35,240 | 35,310 | 34,375 |
| 75 to 79 | 33,190 | 33,070 | 32,072 |
| 80 to 84 | 25,530 | 26,200 | 26,043 |
| 85 to 89 | 12,840 | 13,700 | 14,905 |
| 90 to 99 | 6,780 | 7,280 | 7,410 |
| 100 or older | 180 | 250 | 206 |
| Race | | | |
| White | 54,610 | 56,150 | 57,703 |
| Black | 2,150 | 2,150 | 2,270 |
| Other 2/ | 141,590 | 143,640 | 143,391 |
| Adult beneficiaries: | | | |
| Men | 82,540 | 84,050 | 84,641 |
| Women | 103,190 | 105,250 | 105,761 |

1/ Includes persons of unknown race.

2/ Includes Asians and Pacific Islanders, American Indians and Alaska Natives, and a subset of the total number of beneficiaries of Hispanic origin. The distribution of beneficiaries among those three groups is not available.

Source: U.S. Social Security Administration, Office of Policy Data, *Annual Statistical Supplement* (annual), tables 5.J5 and 5.J5.1.

<<http://www.ssa.gov/policy/docs/statcomps/supplement/2007/5j.html>> accessed May 6, 2008.

Table 11.07-- RETIREMENT, SURVIVORS AND DISABILITY INSURANCE (OASDI) BENEFICIARIES AND BENEFITS IN CURRENT-PAYMENT STATUS, BY TYPE OF BENEFIT: 2005 AND 2006

[December data. Based on 10-percent samples]

| Type of benefit | Number of OASDI beneficiaries | | Amount of monthly benefits (\$1,000) | |
|------------------------|-------------------------------|---------|--------------------------------------|---------|
| | 2005 | 2006 | 2005 | 2006 |
| Total 1/ | 202,890 | 204,207 | 187,948 | 197,311 |
| Retirement | | | | |
| Retired workers | 145,190 | 146,599 | 143,713 | 151,357 |
| Spouses | 8,830 | 8,560 | 4,149 | 4,122 |
| Children | 2,870 | 3,131 | 1,384 | 1,574 |
| Survivors | | | | |
| Widow(er)s and parents | 16,200 | 15,640 | 15,010 | 15,035 |
| Children | 6,370 | 6,343 | 4,275 | 4,487 |
| Disability | | | | |
| Disabled workers | 18,700 | 19,203 | 18,017 | 19,334 |
| Spouses | 380 | 400 | 107 | 103 |
| Children | 4,350 | 4,331 | 1,292 | 1,298 |
| Age 65 and over | | | | |
| Men | 66,880 | 67,216 | 72,173 | 75,782 |
| Women | 87,620 | 87,569 | 76,604 | 80,054 |

1/ Includes special age-72 beneficiaries.

Source: U.S. Social Security Administration, Office of Policy, *Annual Statistical Supplement* (annual), tables 5.J2, 5.J3 and 5.J4.

<<http://www.ssa.gov/policy/docs/statcomps/supplement/2007/5j.html>> accessed May 6, 2008.

**Table 11.08-- RETIREMENT, SURVIVORS AND DISABILITY INSURANCE (OASDI)
BENEFICIARIES IN CURRENT-PAYMENT STATUS, BY COUNTY: DECEMBER 2006**

| County 1/ | Total | Retirement | | | Survivors | | Disability | | | Aged 65 or older | |
|----------------|---------|--------------------|---------|----------|----------------|----------|------------------|---------|----------|------------------|--------|
| | | Retired workers 2/ | Spouses | Children | Widow-(er)s 3/ | Children | Disabled workers | Spouses | Children | Men | Women |
| State total 4/ | 204,207 | 146,599 | 8,560 | 3,131 | 15,640 | 6,343 | 19,203 | 400 | 4,331 | 67,216 | 87,569 |
| Hawaii | 29,810 | 19,845 | 1,075 | 475 | 2,335 | 1,000 | 4,005 | 70 | 1,005 | 9,435 | 11,085 |
| Honolulu | 142,975 | 104,525 | 6,360 | 2,175 | 10,960 | 4,290 | 11,805 | 275 | 2,585 | 47,585 | 63,730 |
| Kauai | 10,860 | 7,860 | 425 | 165 | 850 | 330 | 990 | 20 | 220 | 3,625 | 4,540 |
| Maui | 20,560 | 14,365 | 700 | 315 | 1,495 | 725 | 2,405 | 35 | 520 | 6,570 | 8,215 |

1/ Because of special rounding procedures, county detail may not add exactly to State totals, and State totals may differ somewhat from corresponding values in other OASDI tables in this section.

2/ Includes special age-72 beneficiaries.

3/ Includes nondisabled widow(er)s, disabled widow(er)s, widowed mothers and fathers, and parents.

4/ Includes beneficiaries with unknown county code.

Source: U.S. Department of Health and Human Services, Social Security Administration, *OASDI Beneficiaries by State and County, 2006, table 4* <http://www.ssa.gov/policy/docs/statcomps/oasdi_sc/2006/hi.html> accessed February 19, 2008.

**Table 11.09-- RETIREMENT, SURVIVORS AND DISABILITY INSURANCE (OASDI)
BENEFITS IN CURRENT-PAYMENT STATUS, BY COUNTY: DECEMBER 2006**

[In thousands of dollars]

| County 1/ | Total | Retirement | | | Survivors | | Disability | | | Aged 65 or older | |
|----------------|---------|--------------------|---------|----------|----------------|----------|------------------|---------|----------|------------------|--------|
| | | Retired workers 2/ | Spouses | Children | Widow-(er)s 3/ | Children | Disabled workers | Spouses | Children | Men | Women |
| State total 4/ | 197,311 | 151,357 | 4,122 | 1,574 | 15,035 | 4,487 | 19,334 | 103 | 1,298 | 75,782 | 80,054 |
| Hawaii | 28,329 | 20,298 | 535 | 236 | 2,255 | 686 | 4,025 | 19 | 273 | 10,615 | 10,025 |
| Honolulu | 138,579 | 108,313 | 3,040 | 1,078 | 10,477 | 3,043 | 11,771 | 70 | 788 | 53,713 | 58,370 |
| Kauai | 10,397 | 7,953 | 202 | 91 | 817 | 250 | 1,006 | 4 | 70 | 4,015 | 4,073 |
| Maui | 20,004 | 14,795 | 343 | 169 | 1,486 | 507 | 2,528 | 10 | 167 | 7,440 | 7,583 |

1/ Because of special rounding procedures, county detail may not add exactly to State totals, and State totals may differ somewhat from corresponding values in other OASDI tables in this section.

2/ Includes special age-72 beneficiaries.

3/ Includes nondisabled widow(er)s, disabled widow(er)s, widowed mothers and fathers, and parents.

4/ Includes beneficiaries with unknown county code.

Source: U.S. Department of Health and Human Services, Social Security Administration, *OASDI Beneficiaries by State and County, 2006, table 5* <http://www.ssa.gov/policy/docs/statcomps/oasdi_sc/2006/hi.html> accessed February 19, 2008.

**Table 11.10-- NUMBER AND PERCENT RECEIVING RETIREMENT,
SURVIVORS AND DISABILITY INSURANCE (OASDI) BENEFITS:
DECEMBER 2006**

| Comparison | Total population | | Aged 65 or older | |
|-------------------|------------------------------|--|------------------------------|--|
| | Number (1,000) 1/ | Percentage receiving benefits | Number (1,000) 1/ | Percentage receiving benefits |
| United States | 299,398 | 16.2 | 37,260 | 91.4 |
| Hawaii | 1,285 | 16.0 | 179 | 88.7 |

1/ Population estimates for the United States as of July 1, 2006, as reported by the U.S. Census Bureau.

Source: U.S. Department of Health and Human Services, Social Security Administration,
OASDI Beneficiaries by State and County, 2006, table 1

<http://www.ssa.gov/policy/docs/statcomps/oasdi_sc/2006/table01.html> accessed February 19, 2008.

**Table 11.11-- SOCIAL SECURITY BENEFICIARIES AND BENEFITS PAID:
1991 TO 2006**

[December data. Based on 10-percent samples]

| Year | Number of beneficiaries 1/ | Monthly benefits (\$1,000) 1/ | Estimated total benefits paid (million dollars) |
|-------------|-----------------------------------|--------------------------------------|--|
| 1991 | 151,390 | 85,182 | 971 |
| 1992 | 154,950 | 90,840 | 1,041 |
| 1993 | 158,370 | 95,812 | 1,106 |
| 1994 | 161,840 | 101,506 | 1,169 |
| 1995 | 168,020 | 107,600 | 1,243 |
| 1996 | 169,300 | 113,990 | 1,317 |
| 1997 | 172,050 | 119,266 | 1,385 |
| 1998 | 174,850 | 124,320 | 1,453 |
| 1999 | 179,150 | 131,387 | 1,517 |
| 2000 | 184,140 | 142,159 | 1,628 |
| 2001 | 188,920 | 151,425 | 1,752 |
| 2002 | 193,220 | 158,309 | 1,855 |
| 2003 | 195,430 | 165,897 | 1,938 |
| 2004 | 199,240 | 175,645 | 2,039 |
| 2005 | 202,890 | 187,948 | 2,162 |
| 2006 | 204,207 | 197,311 | 2,277 |

1/ Includes special age-72 beneficiaries.

Source: U.S. Social Security Administration, Office of Policy Data, *Annual Statistical Supplement* (annual), tables 5.J1, 5.J2 and 5.J4.

<<http://www.ssa.gov/policy/docs/statcomps/supplement/2007/5j.html>> accessed May 6, 2008.

Table 11.12-- MEDICARE BENEFICIARIES ENROLLED: 2004 to 2006

[As of July]

| Coverage | All persons | | Persons 65 and over | | |
|---|-------------|---------|---------------------|---------|---------|
| | 2004 | 2005 | 2004 | 2005 | 2006 |
| Hospital (Part A) and/or supplementary medical insurance (Part B) | 177,884 | 179,649 | 159,138 | 160,103 | 164,043 |
| Hospital insurance (Part A and B, and Part A only) | 176,964 | 178,760 | 158,223 | 159,215 | 163,308 |
| Hospital insurance (Part A only) | 12,965 | 12,866 | 10,674 | 10,548 | 11,219 |
| Supplementary medical insurance (Part A and B, and Part B only) | 164,919 | 166,783 | 148,464 | 149,555 | 152,824 |
| Supplementary medical insurance (Part B only) | 920 | 889 | 915 | 888 | 735 |
| Hospital (Part A) and supplementary medical insurance (Part B) | 163,999 | 165,894 | 147,549 | 148,667 | 152,089 |

Source: U.S. Department of Health and Human Services, Centers for Medicare and Medicaid Services <<http://www.cms.hhs.gov/MedicareEnrpts>> accessed June 10, 2008; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**TABLE 11.13-- DISABILITY STATUS AND NUMBER OF PERSONS
WITH A DISABILITY, FOR THE STATE AND OAHU: 2006**

[Excludes the population living in institutions, college dormitories, and other group quarters.
Data are based on a sample, the confidence interval is 90 percent]

| Disability Status | State | | | | Oahu | | | |
|-----------------------------|---------|------|---------|------|---------|------|---------|------|
| | Male | | Female | | Male | | Female | |
| | Number | % | Number | % | Number | % | Number | % |
| Age 5 years and over | 560,590 | | 591,008 | | 385,509 | | 417,212 | |
| With any disability | 75,521 | 13.5 | 76,943 | 13.0 | 50,226 | 13.0 | 52,373 | 12.6 |
| With a sensory disability | 28,192 | 5.0 | 21,135 | 3.6 | 17,795 | 4.6 | 13,734 | 3.3 |
| With a physical disability | 43,143 | 7.7 | 52,710 | 8.9 | 29,429 | 7.6 | 36,313 | 8.7 |
| With a mental disability | 27,851 | 5.0 | 28,903 | 4.9 | 19,598 | 5.1 | 19,540 | 4.7 |
| With a self-care disability | 11,459 | 2.0 | 16,076 | 2.7 | 8,558 | 2.2 | 11,920 | 2.9 |
| With a go-outside-home dis. | 18,290 | 3.3 | 31,135 | 5.3 | 13,945 | 3.6 | 22,582 | 5.4 |
| With an employment dis. | 22,383 | 4.0 | 19,452 | 3.3 | 15,097 | 3.9 | 12,626 | 3.0 |
| Age 5 to 15 years | 91,703 | | 82,948 | | 63,792 | | 57,909 | |
| With any disability | 4,902 | 5.3 | 3,577 | 4.3 | 3,168 | 5.0 | 2,307 | 4.0 |
| With a sensory disability | 1,725 | 1.9 | 1,244 | 1.5 | 1,093 | 1.7 | 773 | 1.3 |
| With a physical disability | 665 | 0.7 | 930 | 1.1 | 557 | 0.9 | 516 | 0.9 |
| With a mental disability | 3,529 | 3.8 | 2,718 | 3.3 | 2,260 | 3.5 | 1,837 | 3.2 |
| With a self-care disability | 737 | 0.8 | 528 | 0.6 | 539 | 0.8 | 398 | 0.7 |
| Age 16 to 20 years | 40,848 | | 40,614 | | 27,108 | | 29,395 | |
| With any disability | 3,220 | 7.9 | 1,529 | 3.8 | 1,887 | 7.0 | 706 | 2.4 |
| With a sensory disability | 949 | 2.3 | 159 | 0.4 | 640 | 2.4 | 141 | 0.5 |
| With a physical disability | 466 | 1.1 | 439 | 1.1 | 94 | 0.3 | 196 | 0.7 |
| With a mental disability | 1,978 | 4.8 | 834 | 2.1 | 1,238 | 4.6 | 268 | 0.9 |
| With a self-care disability | 263 | 0.6 | 122 | 0.3 | 100 | 0.4 | - | 0.0 |
| With a go-outside-home dis. | 907 | 2.2 | 191 | 0.5 | 507 | 1.9 | 42 | 0.1 |
| With an employment dis. | 819 | 2.0 | 607 | 1.5 | 404 | 1.5 | 273 | 0.9 |
| Age 21 to 64 years | 352,361 | | 368,152 | | 240,032 | | 256,266 | |
| With any disability | 39,917 | 11.3 | 32,567 | 8.8 | 25,972 | 10.8 | 20,695 | 8.1 |
| With a sensory disability | 11,813 | 3.4 | 5,553 | 1.5 | 7,010 | 2.9 | 3,411 | 1.3 |
| With a physical disability | 23,142 | 6.6 | 22,589 | 6.1 | 15,062 | 6.3 | 13,782 | 5.4 |
| With a mental disability | 14,281 | 4.1 | 11,452 | 3.1 | 10,065 | 4.2 | 7,102 | 2.8 |
| With a self-care disability | 4,734 | 1.3 | 6,183 | 1.7 | 3,561 | 1.5 | 3,920 | 1.5 |
| With a go-outside-home dis. | 7,768 | 2.2 | 10,185 | 2.8 | 6,159 | 2.6 | 6,721 | 2.6 |
| With an employment dis. | 21,564 | 6.1 | 18,845 | 5.1 | 14,693 | 6.1 | 12,353 | 4.8 |

Continued on next page.

TABLE 11.13-- DISABILITY STATUS AND NUMBER OF PERSONS WITH A DISABILITY, FOR THE STATE AND OAHU: 2006 -- Con.

| Disability Status | State | | | | Oahu | | | |
|-----------------------------|--------|------|--------|------|--------|------|--------|------|
| | Male | | Female | | Male | | Female | |
| | Number | % | Number | % | Number | % | Number | % |
| 65 to 74 years | 38,613 | | 45,687 | | 27,202 | | 33,371 | |
| With any disability | 9,583 | 24.8 | 12,165 | 26.6 | 6,171 | 22.7 | 8,563 | 25.7 |
| With a sensory disability | 3,949 | 10.2 | 2,904 | 6.4 | 2,597 | 9.5 | 1,437 | 4.3 |
| With a physical disability | 6,848 | 17.7 | 9,372 | 20.5 | 4,433 | 16.3 | 7,069 | 21.2 |
| With a mental disability | 2,306 | 6.0 | 3,254 | 7.1 | 1,772 | 6.5 | 2,300 | 6.9 |
| With a self-care disability | 2,049 | 5.3 | 1,872 | 4.1 | 1,306 | 4.8 | 1,542 | 4.6 |
| With a go-outside-home dis. | 2,670 | 6.9 | 4,227 | 9.3 | 1,964 | 7.2 | 3,094 | 9.3 |
| 75 years and over | 37,065 | | 53,607 | | 27,375 | | 40,271 | |
| With any disability | 17,899 | 48.3 | 27,105 | 50.6 | 13,028 | 47.6 | 20,102 | 49.9 |
| With a sensory disability | 9,756 | 26.3 | 11,275 | 21.0 | 6,455 | 23.6 | 7,972 | 19.8 |
| With a physical disability | 12,022 | 32.4 | 19,380 | 36.2 | 9,283 | 33.9 | 14,750 | 36.6 |
| With a mental disability | 5,757 | 15.5 | 10,645 | 19.9 | 4,263 | 15.6 | 8,033 | 19.9 |
| With a self-care disability | 3,676 | 9.9 | 7,371 | 13.8 | 3,052 | 11.1 | 6,060 | 15.0 |
| With a go-outside-home dis. | 6,945 | 18.7 | 16,532 | 30.8 | 5,315 | 19.4 | 12,725 | 31.6 |

Source: U.S. Census Bureau, 2006 American Community Survey.

<http://factfinder.census.gov/servlet/DatasetMainPageServlet?_program=ACS&_submenuId=datasets_2&_lang=en> accessed February 29, 2008. Calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 11.14-- PERSONS SERVED BY STATE HOMELESS PROGRAMS,
BY COUNTY: 2002 TO 2006**

[Year ending June 30]

| Year and program | State | City and County of Honolulu | Hawaii County | Maui County | Kauai County |
|---------------------------|--------------|--|--------------------------|------------------------|-------------------------|
| 2002 | | | | | |
| Total | 11,013 | 6,794 | 1,296 | 2,345 | 578 |
| Outreach (unsheltered) 1/ | 5,565 | 2,958 | 666 | 1,386 | 555 |
| Stipend (sheltered) | 5,448 | 3,836 | 630 | 959 | 23 |
| 2003 | | | | | |
| Total | 11,676 | 7,810 | 1,624 | 1,661 | 581 |
| Outreach (unsheltered) 1/ | 5,864 | 3,626 | 928 | 765 | 545 |
| Stipend (sheltered) | 5,812 | 4,184 | 696 | 896 | 36 |
| 2004 | | | | | |
| Total | 13,487 | 8,836 | 2,078 | 1,858 | 715 |
| Outreach (unsheltered) | 7,776 | 4,833 | 1,418 | 870 | 655 |
| Stipend (sheltered) | 5,711 | 4,003 | 660 | 988 | 60 |
| 2005 | | | | | |
| Total | 15,059 | 9,875 | 2,090 | 2,293 | 801 |
| Outreach (unsheltered) | 9,174 | 5,768 | 1,573 | 1,099 | 734 |
| Stipend (sheltered) | 5,885 | 4,107 | 517 | 1,194 | 67 |
| 2006 | | | | | |
| Total | 15,918 | 10,118 | 2,446 | 2,547 | 807 |
| Outreach (unsheltered) | 9,876 | 5,858 | 1,938 | 1,340 | 740 |
| Stipend (sheltered) | 6,042 | 4,260 | 508 | 1,207 | 67 |

1/ Data from agency reports.

Source: Hawaii State Department of Human Services, Hawaii Public Housing Authority, records.

Table 11.15-- CHARACTERISTICS OF NEW CLIENTS ENTERING THE STATE HOMELESS OUTREACH PROGRAMS: 2003 TO 2006

[Year ending June 30]

| Subject | Participants | | | |
|---------------------------|--------------|-------|-------|-------|
| | 2003 1/ | 2004 | 2005 | 2006 |
| State | 4,790 | 7,776 | 9,175 | 9,876 |
| City & County of Honolulu | 3,011 | 4,833 | 5,768 | 5,858 |
| Hawaii | 691 | 1,418 | 1,573 | 1,938 |
| Maui | 493 | 870 | 1,099 | 1,340 |
| Kauai | 595 | 655 | 734 | 740 |
| Families | 537 | 893 | 1,045 | 1,035 |
| Age | 4,790 | 7,776 | 9,174 | 9,876 |
| Children | 1,298 | 2,091 | 2,488 | 2,400 |
| Under 1 | 37 | 45 | 47 | 69 |
| 1 to 5 | 386 | 612 | 721 | 765 |
| 6 to 12 | 461 | 744 | 873 | 831 |
| 13 to 17 | 292 | 474 | 544 | 518 |
| Over 17 | 54 | 121 | 180 | 125 |
| Unknown | 68 | 95 | 123 | 92 |
| Adults | 3,492 | 5,685 | 6,686 | 7,476 |
| Under 18 | 21 | 39 | 42 | 57 |
| 18 to 29 | 792 | 1,232 | 1,350 | 1,406 |
| 30 to 39 | 881 | 1,389 | 1,527 | 1,721 |
| 40 to 49 | 1,058 | 1,731 | 2,090 | 2,323 |
| 50 to 59 | 497 | 862 | 1,151 | 1,400 |
| 60 or over | 157 | 281 | 364 | 402 |
| Unknown | 86 | 151 | 162 | 167 |
| Gender | 4,790 | 7,776 | 9,174 | 9,876 |
| Children | 1,298 | 2,091 | 2,488 | 2,400 |
| Male | 701 | 1,115 | 1,306 | 1,242 |
| Female | 596 | 974 | 1,181 | 1,158 |
| Transgender | 1 | 2 | - | - |
| Unknown | - | - | 1 | - |
| Adults | 3,492 | 5,685 | 6,686 | 7,476 |
| Male | 2,054 | 3,254 | 3,792 | 4,401 |
| Female | 1,446 | 2,419 | 2,883 | 3,062 |
| Transgender | 1 | 12 | - | 5 |
| Unknown | - | - | 11 | 8 |

Continued on next page.

Table 11.15-- CHARACTERISTICS OF NEW CLIENTS ENTERING THE STATE HOMELESS OUTREACH PROGRAMS: 2003 TO 2006 -- Con.

| Subject | Participants | | | |
|---|--------------|-------|-------|--------|
| | 2003 1/ | 2004 | 2005 | 2006 |
| Ethnicity | 4,790 | 7,776 | 9,174 | 9,876 |
| Hispanic / latino | 129 | 235 | 294 | 552 |
| Non-hispanic / latino | 4,661 | 7,541 | 8,880 | 9,324 |
| Primary race | 4,790 | 7,776 | 9,174 | 9,876 |
| Caucasian / white | 1,597 | 2,478 | 2,636 | 3,017 |
| Hawaiian / part Hawaiian | 1,857 | 3,044 | 3,584 | 3,704 |
| Black | 148 | 223 | 242 | 250 |
| Japanese | 93 | 143 | 133 | 170 |
| Chinese | 21 | 37 | 30 | 28 |
| Hispanic | 129 | 235 | (X) | (X) |
| Korean | 16 | 28 | 24 | 23 |
| Filipino | 162 | 299 | 374 | 406 |
| Samoan | 100 | 188 | 269 | 375 |
| Other Asian | 9 | 16 | 36 | 40 |
| Other Pacific Islander | 66 | 139 | 227 | 319 |
| Native American | 74 | 99 | 127 | 171 |
| Mixed / cosmopolitan | 135 | 294 | - | - |
| Other | 95 | 252 | - | - |
| Unkown | 288 | 301 | 1,492 | 1,373 |
| Homeless status upon entry | 3,225 | 5,346 | 6,277 | 10,355 |
| Unsheltered | 2,523 | 4,090 | 4,775 | 7,307 |
| Beach or park | 2,087 | 3,303 | 3,803 | 5,702 |
| Car or vehicle | 274 | 494 | 646 | 1,202 |
| Street or building | 162 | 293 | 326 | 403 |
| Sheltered | 131 | 227 | 289 | 601 |
| Emergency shelter (domestic violence) | 27 | 44 | 82 | 217 |
| Transitional shelter | 58 | 99 | 111 | 185 |
| Drug treatment | 5 | 20 | 32 | 108 |
| Mental hospital | 12 | 24 | 15 | 12 |
| YMCA / YWCA, or cheap hotel | 21 | 29 | 43 | 70 |
| Prison | - | - | 1 | 1 |
| Medical hospital | 8 | 11 | 5 | 8 |
| At-risk | 385 | 742 | 933 | 2,040 |
| Family / friends' permanent home / rental | 136 | 297 | 394 | 971 |
| Own permanent home / rental | 244 | 430 | 526 | 1,052 |
| Domestic violence | 5 | 15 | 13 | 17 |
| Other | 94 | 121 | 96 | 162 |
| Unknown | 92 | 166 | 184 | 245 |

Continued on next page.

Table 11.15-- CHARACTERISTICS OF NEW CLIENTS ENTERING THE STATE HOMELESS OUTREACH PROGRAMS: 2003 TO 2006 -- Con.

| Subject | Participants | | | |
|---|--------------|-------|-------|--------|
| | 2003 1/ | 2004 | 2005 | 2006 |
| Causes of homelessness | 4,602 | 7,823 | 9,239 | 11,314 |
| Income | 2,049 | 3,457 | 4,009 | 4,507 |
| Problems paying rent / cannot afford | 1,299 | 2,255 | 2,701 | 3,143 |
| Loss of employment | 750 | 1,202 | 1,308 | 1,364 |
| Housing | 395 | 634 | 802 | 1,050 |
| Evicted (disorderly, non-payment, etc.) | 342 | 513 | 662 | 824 |
| Too crowded / over-crowded | 53 | 121 | 140 | 226 |
| Health | 635 | 1,231 | 1,528 | 1,849 |
| Physical disability | 204 | 427 | 571 | 682 |
| Substance abuse problem | 165 | 340 | 432 | 586 |
| Mental health problem | 253 | 447 | 504 | 561 |
| Release from mental institution | 13 | 17 | 21 | 20 |
| Family | 551 | 1,016 | 1,235 | 1,438 |
| Domestic violence | 86 | 198 | 226 | 262 |
| Other family conflict / dissolution | 465 | 818 | 1,009 | 1,176 |
| Other | 972 | 1,485 | 1,665 | 2,470 |
| Release from prison | 84 | 160 | 198 | 230 |
| Release from hospital | 12 | 17 | 25 | 34 |
| Transient from abroad / stranded | 169 | 238 | 313 | 372 |
| Crime victim | 21 | 41 | 45 | 58 |
| Military discharge | 5 | 9 | 13 | 14 |
| Prefer homeless lifestyle | 80 | 128 | 142 | 157 |
| Natural disaster | 6 | 13 | 13 | - |
| Other | 299 | 459 | 517 | 555 |
| No answer / don't know | 296 | 420 | 399 | 1,050 |

Continued on next page.

Table 11.15-- CHARACTERISTICS OF NEW CLIENTS ENTERING THE STATE HOMELESS OUTREACH PROGRAMS: 2003 TO 2006 -- Con.

| Subject | Participants | | | |
|---|--------------|-------|----------|----------|
| | 2003 1/ | 2004 | 2005 | 2006 |
| Resources | 3,642 | 6,038 | 5,599 | 8,233 |
| Employment | 239 | 483 | 603 | 746 |
| Head of household | 203 | 398 | } 2/ 603 | } 2/ 746 |
| Not head of household | 36 | 85 | | |
| Financial assistance | 483 | 834 | 835 | 1,196 |
| General assistance (GA) | 239 | 373 | 276 | 348 |
| TANF 3/ | (X) | (X) | 70 | 204 |
| SSI 4/ | 244 | 461 | 489 | 644 |
| Food assistance | 913 | 1,552 | 1,107 | 1,585 |
| Food stamps | 910 | 1,541 | 1,104 | 1,546 |
| WIC 5/ | 3 | 11 | 3 | 39 |
| Other benefits | 131 | 281 | 25 | 419 |
| Social security | 55 | 123 | (X) | (X) |
| Retirement / pension | 11 | 33 | (X) | (X) |
| Veteran administration (VA) benefits | 28 | 57 | (X) | 4 |
| Unemployment | 29 | 53 | (X) | (X) |
| Worker's compensation | 8 | 15 | (X) | (X) |
| Medicaid | (X) | (X) | 9 | 50 |
| Medicare | (X) | (X) | 5 | 32 |
| TANF child care services | (X) | (X) | (X) | 4 |
| Section 8 public housing, or other rental assistance | (X) | (X) | (X) | 21 |
| Other | (X) | (X) | 11 | 308 |
| Other income | 84 | 148 | 569 | 792 |
| Unemployment insurance | (X) | (X) | 33 | (X) |
| SSDI 6/ | (X) | (X) | 225 | 285 |
| Veteran's disability payment | (X) | (X) | (X) | 6 |
| Private disability insurance | (X) | (X) | (X) | 2 |
| Worker's compensation | (X) | (X) | 7 | 16 |
| Retirement income from social security | (X) | (X) | 116 | 174 |
| Veteran's pension | (X) | (X) | 55 | 60 |
| Pension from a former job | (X) | (X) | 27 | 43 |
| Child support | (X) | (X) | 11 | 29 |
| Alimony or other spousal support | (X) | (X) | (X) | 3 |
| Family / friends | 16 | 31 | 18 | 22 |
| Other | 68 | 117 | 77 | 115 |
| No answer / don't know | (X) | (X) | (X) | 37 |
| No resources | 1,021 | 1,919 | 2,460 | 3,495 |
| Unknown | 771 | 821 | - | - |

Continued on next page.

**Table 11.15-- CHARACTERISTICS OF NEW CLIENTS ENTERING THE
STATE HOMELESS OUTREACH PROGRAMS: 2003 TO 2006 -- Con.**

X Not applicable.

1/ Data were collected, but not all were entered into the database at that time.

2/ Earned income.

3/ Temporary assistance for needy families (TANF).

4/ Supplemental security income (SSI).

5/ Women, infants, and children (WIC) supplemental nutrition program.

6/ Social security disability income (SSDI).

Source: Hawaii State Department of Human Services, Housing and Community Development Corporation of Hawaii, Homeless Programs Section, records.

Table 11.16-- CHARACTERISTICS OF PERSONS PARTICIPATING IN THE STATE HOMELESS STIPEND PROGRAMS: 2003 TO 2006

[Year ending June 30]

| Subject | Participants | | | |
|---------------------------|--------------|-------|-------|-------|
| | 2003 | 2004 | 2005 | 2006 |
| State | 5,812 | 5,711 | 5,885 | 6,042 |
| City & County of Honolulu | 4,184 | 4,003 | 4,107 | 4,260 |
| Hawaii | 696 | 660 | 517 | 508 |
| Maui | 896 | 988 | 1,194 | 1,207 |
| Kauai | 36 | 60 | 67 | 67 |
| Families | 834 | 821 | 788 | 785 |
| Age | 5,812 | 5,711 | 5,885 | 6,042 |
| Children | 1,896 | 1,865 | 1,868 | 1,741 |
| Under 1 | 117 | 112 | 107 | 91 |
| 1 to 5 | 668 | 706 | 708 | 678 |
| 6 to 12 | 686 | 635 | 623 | 562 |
| 13 to 17 | 366 | 334 | 356 | 326 |
| Over 17 | 48 | 62 | 54 | 60 |
| Unknown | 11 | 16 | 20 | 24 |
| Adults | 3,916 | 3,846 | 4,017 | 4,301 |
| Under 18 | 10 | 21 | 23 | 13 |
| 18 to 29 | 921 | 933 | 922 | 923 |
| 30 to 39 | 1,127 | 1,055 | 1,049 | 1,081 |
| 40 to 49 | 1,115 | 1,069 | 1,110 | 1,189 |
| 50 to 59 | 513 | 526 | 631 | 791 |
| 60 or over | 212 | 197 | 239 | 256 |
| Unknown | 18 | 45 | 43 | 48 |
| Gender | 5,812 | 5,711 | 5,885 | 6,042 |
| Children | 1,896 | 1,865 | 1,868 | 1,741 |
| Male | 977 | 947 | 951 | 854 |
| Female | 917 | 917 | 917 | 887 |
| Transgender | 2 | 1 | - | - |
| Adults | 3,916 | 3,846 | 4,017 | 4,301 |
| Male | 2,304 | 2,368 | 2,436 | 2,628 |
| Female | 1,611 | 1,473 | 1,578 | 1,670 |
| Transgender | 1 | 5 | - | 1 |
| Unknown | - | - | 3 | 2 |

Continued on next page.

Table 11.16-- CHARACTERISTICS OF PERSONS PARTICIPATING IN THE STATE HOMELESS STIPEND PROGRAMS: 2003 TO 2006 -- Con.

| Subject | Participants | | | |
|---|--------------|-------|-------|-------|
| | 2003 | 2004 | 2005 | 2006 |
| Ethnicity | 5,812 | 5,711 | 5,885 | 6,042 |
| Hispanic / latino | 220 | 247 | 270 | 378 |
| Non-hispanic / latino | 5,592 | 5,464 | 5,615 | 5,664 |
| Primary race | 5,812 | 5,711 | 5,885 | 6,042 |
| Caucasian / white | 1,528 | 1,410 | 1,582 | 1,749 |
| Hawaiian / part Hawaiian | 1,734 | 1,615 | 1,632 | 1,598 |
| Black | 310 | 301 | 292 | 320 |
| Japanese | 167 | 149 | 161 | 167 |
| Chinese | 28 | 34 | 32 | 40 |
| Korean | 46 | 45 | 56 | 64 |
| Hispanic | 220 | 247 | (X) | (X) |
| Filipino | 328 | 291 | 306 | 314 |
| Samoan | 316 | 300 | 303 | 288 |
| Other Asian | 41 | 35 | 46 | 76 |
| Other Pacific Islander | 629 | 809 | 810 | 1,080 |
| Native American | 60 | 50 | 58 | 60 |
| Mixed / cosmopolitan | 270 | 231 | - | - |
| Other | 106 | 159 | - | - |
| Unknown | 29 | 35 | 607 | 286 |
| Homeless status upon entry | 5,506 | 4,550 | 4,599 | 7,213 |
| Unsheltered | 1,437 | 1,496 | 1,809 | 3,008 |
| Beach or park | 925 | 867 | 1,107 | 1,718 |
| Car or vehicle | 262 | 335 | 370 | 743 |
| Street or building | 250 | 294 | 332 | 547 |
| Sheltered | 1,085 | 1,073 | 1,175 | 2,018 |
| Emergency shelter (domestic violence) | 536 | 443 | 457 | 1,000 |
| Transitional shelter | 175 | 164 | 189 | 463 |
| Drug treatment | 60 | 109 | 102 | 149 |
| Mental hospital | 99 | 92 | 93 | 39 |
| YMCA / YWCA, or cheap hotel | 150 | 124 | 123 | 170 |
| Prison | 10 | 84 | 147 | 111 |
| Medical hospital | 55 | 57 | 64 | 83 |
| Foster care home or group home | (X) | (X) | (X) | 3 |
| At-risk | 1,352 | 1,345 | 1,145 | 1,650 |
| Family / friends' permanent home / rental | 1,152 | 1,137 | 964 | 1,377 |
| Own permanent home / rental | 195 | 193 | 163 | 233 |
| Domestic violence | 5 | 15 | 18 | 40 |
| Other | 233 | 206 | 202 | 242 |
| Unknown | 1,399 | 430 | 268 | 295 |

Continued on next page.

Table 11.16-- CHARACTERISTICS OF PERSONS PARTICIPATING IN THE STATE HOMELESS STIPEND PROGRAMS: 2003 TO 2006 -- Con.

| Subject | Participants | | | |
|---|--------------|-------|-------|-------|
| | 2003 | 2004 | 2005 | 2006 |
| Causes of homelessness | 9,931 | 7,650 | 7,094 | 7,595 |
| Income | 2,953 | 2,561 | 2,374 | 2,496 |
| Problems paying rent / cannot afford | 2,118 | 1,894 | 1,840 | 2,001 |
| Loss of employment | 835 | 667 | 534 | 495 |
| Housing | 1,033 | 996 | 895 | 877 |
| Evicted (disorderly, non-payment, etc.) | 677 | 638 | 548 | 480 |
| Too crowded / over-crowded | 356 | 358 | 347 | 397 |
| Health | 2,291 | 1,801 | 1,675 | 1,613 |
| Physical disability | 669 | 494 | 408 | 374 |
| Substance abuse problem | 862 | 758 | 722 | 807 |
| Mental health problem | 696 | 514 | 511 | 416 |
| Release from mental institution | 64 | 35 | 34 | 16 |
| Family | 985 | 873 | 910 | 982 |
| Domestic violence | 319 | 250 | 236 | 241 |
| Other family conflict / dissolution | 666 | 623 | 674 | 741 |
| Other | 2,669 | 1,419 | 1,240 | 1,627 |
| Release from prison | 275 | 277 | 312 | 327 |
| Release from hospital | 150 | 110 | 107 | 69 |
| Transient from abroad / stranded | 78 | 107 | 55 | 112 |
| Crime victim | 44 | 25 | 26 | 28 |
| Military discharge | 146 | 92 | 35 | 26 |
| Prefer homeless lifestyle | 27 | 27 | 37 | 27 |
| Natural disaster | 8 | 7 | 6 | (X) |
| Other | 455 | 310 | 365 | 301 |
| No answer / don't know | 1,486 | 464 | 297 | 737 |

Continued on next page.

Table 11.16-- CHARACTERISTICS OF PERSONS PARTICIPATING IN THE STATE HOMELESS STIPEND PROGRAMS: 2003 TO 2006 -- Con.

| Subject | Participants | | | |
|--|--------------|-------|------------|------------|
| | 2003 | 2004 | 2005 | 2006 |
| Resources | 6,634 | 5,516 | 4,830 | 6,188 |
| Employment | 804 | 931 | 1,145 | 1,290 |
| Head of household | 702 | 799 | } 1/ 1,145 | } 1/ 1,290 |
| Non-head of household | 102 | 132 | | |
| Financial assistance | 1,003 | 902 | 885 | 1,018 |
| General assistance (GA) | 470 | 410 | 293 | 309 |
| TANF 2/ | (X) | (X) | 66 | 209 |
| SSI 3/ | 533 | 492 | 526 | 500 |
| Food assistance | 1,550 | 1,394 | 818 | 893 |
| Food stamps | 1,518 | 1,344 | 796 | 852 |
| WIC 4/ | 32 | 50 | 22 | 41 |
| Other benefits | 334 | 311 | 70 | 318 |
| Social security | 184 | 156 | (X) | (X) |
| Retirement / pension | 24 | 32 | (X) | (X) |
| Veteran administration (VA) benefits | 67 | 74 | 1 | 13 |
| Unemployment | 48 | 39 | (X) | (X) |
| Worker's compensation | 11 | 10 | (X) | (X) |
| Medicaid | (X) | (X) | 36 | 170 |
| Medicare | (X) | (X) | 19 | 55 |
| SCHIP 5/ | (X) | (X) | (X) | 5 |
| Other TANF funded services | (X) | (X) | 1 | 2 |
| Section 8, public housing, or other rental assistance | (X) | (X) | 13 | 23 |
| Other benefit | (X) | (X) | (X) | 50 |
| Other income | 110 | 107 | 542 | 794 |
| Unemployment insurance | (X) | (X) | 12 | 26 |
| SSDI 6/ | (X) | (X) | 199 | 250 |
| Veteran's disability payment | (X) | (X) | 1 | 14 |
| Private disability insurance | (X) | (X) | (X) | 2 |
| Worker's compensation | (X) | (X) | 10 | 8 |
| Retirement income from social security | (X) | (X) | 159 | 135 |
| Veteran's pension | (X) | (X) | 70 | 64 |
| Pension from a former job | (X) | (X) | 38 | 39 |
| Child support | (X) | (X) | 6 | 13 |
| Alimony or other spousal support | (X) | (X) | (X) | 10 |
| Family / friends | 16 | 31 | 7 | 12 |
| Other | 94 | 76 | 40 | 221 |
| No resources | 1,382 | 1,403 | 1,370 | 1,875 |
| Unknown | 1,451 | 468 | - | - |

Continued on next page.

**Table 11.16-- CHARACTERISTICS OF PERSONS PARTICIPATING IN THE
STATE HOMELESS STIPEND PROGRAMS: 2003 TO 2006 -- Con.**

X Not applicable.

1/ Earned income.

2/ Temporary assistance for needy families (TANF).

3/ Supplemental security income (SSI).

4/ Women, infants, and children (WIC) supplemental nutrition program.

5/ State Children's Health Insurance Program (SCHIP).

6/ Social security disability income (SSDI).

Source: Hawaii State Department of Human Services, Housing and Community Development Corporation of Hawaii, Homeless Programs Section, records.

**Table 11.17-- HOMELESS PERSONS, BY SURVEY CATEGORY:
2006 AND 2007 ESTIMATES**

| Survey category | State | City & County of Honolulu | County of Maui | County of Hawaii | County of Kauai |
|---|--------------|--|---------------------------|-----------------------------|----------------------------|
| Resident population, July 1, 2006 | 1,285,498 | 909,863 | 141,440 | 171,191 | 63,004 |
| January 2007 estimates | | | | | |
| Homeless persons | 6,061 | 3,750 | 764 | 1,290 | 257 |
| Percent of resident population | 0.5 | 0.4 | 0.5 | 0.8 | 0.4 |
| Sheltered 1/ | 2,703 | 1,957 | 377 | 272 | 97 |
| Persons in families with children | 1,612 | 1,203 | 207 | 154 | 48 |
| Single individuals and persons in households without children | 1,091 | 754 | 170 | 118 | 49 |
| Families with children (family households) | 444 | 323 | 65 | 41 | 15 |
| Unsheltered 2/ | 3,358 | 1,793 | 387 | 1,018 | 160 |
| Persons in families with children | 1,123 | 457 | 88 | 534 | 44 |
| Single individuals and persons in households without children | 2,235 | 1,336 | 299 | 484 | 116 |
| Families with children (family households) | 290 | 115 | 31 | 135 | 9 |
| 2006 estimates | | | | | |
| Hidden homeless 3/ | 18,622 | 12,390 | 2,131 | 2,486 | 1,615 |
| Percent of resident population | 1.4 | 1.4 | 1.5 | 1.5 | 2.6 |
| At risk for homelessness 4/ | 85,267 | 57,283 | 11,509 | 11,819 | 4,656 |
| Percent of resident population | 6.6 | 6.3 | 8.1 | 6.9 | 7.4 |

Continued on next page.

**Table 11.17-- HOMELESS PERSONS, BY SURVEY CATEGORY:
2006 AND 2007 ESTIMATES -- Con.**

1/ Sheltered homeless: persons or groups of persons who lack a fixed, regular and adequate nighttime residence and stay at a supervised public or private shelter designed to provide temporary alleviation of homelessness through the provision of living accommodations (emergency, transitional or other) or that is an institution that provides temporary residence for individuals intended to be institutionalized.

2/ Unsheltered homeless: persons or groups of persons having a primary nighttime residence that is a public or private place not designed for, or ordinarily used as, a regular sleeping accommodation for persons (including beaches, parks, automobiles, caves, benches, and abandoned or vacant buildings).

3/ Hidden homeless: a person or group of persons who

- a) share accommodations with other groups in the same household,
- b) are 'doubled up' (two or more families or groups of persons related by birth, marriage or adoption),
- c) are 'sharing' (two or more families or groups of persons not related by birth, marriage or adoption),
- d) are persons who depend upon public assistance for their shelter payments each month.

4/ Precariously housed or at risk: person or persons who could become homeless in less than three months, if they lost their primary source of income.

Source: State of Hawaii, Hawaii Public Housing Authority and FAQ Hawaii, Inc., *2007 Point-In-Time Count* (April 2007), p. 10; SMS Research and Marketing Services, Inc., *City & County of Honolulu Homeless Point-In-Time Count, 2007 Methodology and Results* (May 2007), pp. 5,8; and *Housing Policy Study, 2006: The Hidden Homeless and Households at Risk of Homelessness* (February 2007), p. 8; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 11.18-- HAWAII STATE EMPLOYEES' RETIREMENT SYSTEM:
1992 TO 2007**

[As of June 30]

| Year | Member- ship, 1/ March 31 | Pensioners and beneficiaries, March 31 | Assets, 2/ June 30 (\$1,000) | Total benefits paid 3/ (\$1,000) | Average monthly pension 3/ (dollars) | Adminis- tration expenses 3/ (dollars) |
|-------------|--|---|---|---|---|---|
| 1992 | 57,401 | 21,787 | 4,551,348 | 284,194 | 950 | 2,446,107 |
| 1993 | 59,518 | 22,387 | 4,987,341 | 309,245 | 1,004 | 2,274,981 |
| 1994 | 61,082 | 22,905 | 5,416,206 | 331,393 | 1,057 | 2,875,676 |
| 1995 | 60,687 | 25,360 | 5,599,698 | 408,206 | 1,143 | 2,896,684 |
| 1996 | 59,275 | 26,926 | 6,063,298 | 457,713 | 1,220 | 2,960,240 |
| 1997 | 59,500 | 27,173 | 7,888,168 | 436,397 | 1,276 | 3,217,348 |
| 1998 | 60,447 | 27,403 | 9,051,782 | 446,789 | 1,321 | 3,331,700 |
| 1999 | 61,164 | 27,950 | 9,679,760 | 483,199 | 1,369 | 3,775,942 |
| 2000 | 62,207 | 28,715 | 9,931,772 | 518,720 | 1,414 | 4,168,717 |
| 2001 | 63,408 | 29,660 | 8,761,096 | 548,799 | 1,434 | 4,893,712 |
| 2002 | 66,043 | 30,330 | 7,905,453 | 568,804 | 1,523 | 5,754,832 |
| 2003 | 66,442 | 31,389 | 7,687,200 | 605,411 | 1,533 | 6,780,824 |
| 2004 | 67,074 | 32,297 | 8,565,405 | 638,543 | 1,597 | 10,468,508 |
| 2005 | 68,011 | 33,301 | 9,195,868 | 679,759 | 1,663 | 7,259,906 |
| 2006 | 69,233 | 34,304 | 9,932,411 | 723,030 | 1,719 | 8,477,837 |
| 2007 | 70,805 | 35,324 | 11,462,417 | 761,005 | 1,773 | 9,601,756 |

1/ State and county employees. Includes former vested employees but excludes all pensioners.

2/ Prior to June 30, 1997, assets are reported at cost. Effective June 30, 1997, assets are reported at fair value.

3/ Year ended June 30. Data on total benefits paid exclude the employers' share of social security contributions.

Source: Employees' Retirement System of the State of Hawaii, *Comprehensive Annual Financial Report*, and records.

Table 11.19-- UNEMPLOYMENT INSURANCE: 1987 TO 2006

[Covering private industry, Federal, State and County governments and nonprofit organizations. Based on numbers of unemployed that were revised in the new modeling approach (redesign) and reestimation of the cooperative program of Federal (U.S. Bureau of Labor Statistics) and State (Hawaii State Department of Labor & Industrial Relations "Local Area Unemployment Statistics")]

| Calendar year | Covered employment | Insured unemployment | | Average weekly wages (dollars) | Benefit payments (\$1,000) | Average weekly benefits (dollars) | Average benefit duration (weeks) |
|---------------|--------------------|----------------------|------------------|--------------------------------|----------------------------|-----------------------------------|----------------------------------|
| | | Weekly average | Percent coverage | | | | |
| 1987 | 470,179 | 7,329 | 39.5 | 364.79 | 49,900 | 149.50 | 13.4 |
| 1988 | 485,707 | 6,708 | 42.7 | 392.73 | 50,659 | 162.51 | 13.5 |
| 1989 | 508,673 | 5,238 | 41.7 | 415.75 | 40,833 | 170.03 | 12.0 |
| 1990 | 533,229 | 5,722 | 42.7 | 444.92 | 50,269 | 189.40 | 11.4 |
| 1991 | 541,415 | 8,106 | 51.6 | 463.43 | 83,530 | 205.70 | 13.0 |
| 1992 | 544,718 | 11,933 | 48.8 | 492.94 | 144,741 | 235.48 | 14.8 |
| 1993 | 542,333 | 13,227 | 52.1 | 503.02 | 165,877 | 246.31 | 17.6 |
| 1994 | 540,015 | 15,228 | 50.7 | 514.13 | 193,878 | 258.72 | 17.4 |
| 1995 | 535,640 | 15,819 | 48.7 | 518.88 | 208,316 | 262.21 | 16.0 |
| 1996 | 533,123 | 15,351 | 43.8 | 526.04 | 200,050 | 261.07 | 17.8 |
| 1997 | 534,210 | 13,819 | 39.6 | 545.20 | 176,659 | 259.30 | 17.1 |
| 1998 | 533,147 | 12,978 | 38.0 | 558.83 | 162,013 | 258.08 | 16.4 |
| 1999 | 536,979 | 11,043 | 36.4 | 573.11 | 140,528 | 265.78 | 16.5 |
| 2000 | 552,445 | 8,755 | 36.3 | 587.99 | 111,665 | 273.16 | 15.4 |
| 2001 | 556,447 | 11,884 | 45.6 | 601.21 | 150,142 | 282.46 | 12.8 |
| 2002 1/ | 557,876 | 12,304 | 50.0 | 628.56 | 164,500 | 279.64 | 19.2 |
| 2003 1/ | 568,549 | 10,669 | 45.0 | 649.31 | 144,864 | 297.67 | 15.7 |
| 2004 1/ | 584,227 | 8,513 | 43.0 | 677.21 | 121,244 | 311.69 | 15.6 |
| 2005 1/ | 602,837 | 6,569 | 38.6 | 699.36 | 97,794 | 328.44 | 14.2 |
| 2006 1/ | (NA) | 6,609 | 43.5 | (NA) | 107,255 | 356.79 | 13.3 |

NA Not available.

1/ Benchmarked in March, 2007.

Source: Hawaii State Department of Labor and Industrial Relations, *State of Hawaii Unemployment Insurance Fact Book* (annual) and records; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 11.20-- CHILD DAY CARE SERVICES (NAICS 6244), BY FEDERAL INCOME TAX STATUS AND BROAD GEOGRAPHIC AREA: 1997 AND 2002

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to 1997]

| Geographic area | Number of establishments | | Receipts or revenue (\$1,000) | | Paid employees for pay period including March 12 | |
|------------------|--------------------------|------------|-------------------------------|------------|--|-------------|
| | Subject to tax | Tax exempt | Subject to tax | Tax exempt | Subject to tax | Tax exempt |
| 1997 | | | | | | |
| State total | 35 | 138 | (D) | 44,956 | 100-249 | 1,572 |
| Oahu | 17 | 96 | (D) | 35,336 | 100-249 | 1,284 |
| Neighbor Islands | 18 | 42 | (D) | 9,620 | 20-99 | 288 |
| 2002 | | | | | | |
| State total | 33 | 175 | (D) | (D) | 100-249 | 1,000-2,499 |
| Oahu | 19 | 125 | (D) | 36,460 | 20-99 | 1,196 |
| Neighbor Islands | 14 | 50 | (NA) | (NA) | (NA) | (NA) |

NA Not available.

D Withheld to avoid disclosing data of individual companies.

Source: U.S. Census Bureau, *1997 Economic Census, Hawaii, Health Care and Social Assistance, Geographic Area Series*, EC97S62A-HI (June 1999), tables 1a, 1b, 2a, 2b and 3 <<http://www.census.gov/prod/ec97/97s62-hi.pdf>>; *2002 Economic Census, Hawaii, Health Care and Social Assistance, Geographic Area Series*, EC02-62A-HI (February 2005), tables 1 and 2 <<http://www.census.gov/prod/ec02/ec0262ahi.pdf>> accessed June 2, 2005.

**Table 11.21-- LICENSED CHILD CARE CENTERS AND LICENSED FAMILY
CHILD CARE PROVIDERS: 2001 TO 2005**

[Centers as of February, providers as of August]

| Subject | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------------------------|-------------|-------------|-------------|-------------|-------------|
| Licensed child care centers | 500 | 552 | 521 | 523 | 543 |
| Licensed family child care providers | 501 | 501 | 429 | 501 | 462 |

Source: Children's Foundation, Washington, D.C., as cited in U. S. Census Bureau, *Statistical Abstract of the United States*: 2002 (table 551), 2003 (table 578), 2004-2005 (table 560), 2006 (table 569), 2007 (table 565), and 2008 (table 560).

**Table 11.22-- 501(c)(3) PUBLIC CHARITIES IN HAWAII, BY TYPE:
CIRCA 2006**

[Dollar amounts in millions]

| Type | No. of organizations | Total assets | Total liabilities | Contributions, gifts & grants | Total revenue | Total expenses |
|---|-----------------------------|---------------------|--------------------------|--|----------------------|-----------------------|
| Total | 1,660 | 14,681.7 | 3,351.8 | 1,019.4 | 5,505.4 | 4,468.0 |
| Arts, culture, & humanities | 275 | 625.8 | 51.9 | 130.1 | 250.3 | 205.0 |
| Education | 280 | 8,458.6 | 1,111.5 | 141.9 | 1,521.0 | 774.1 |
| Environmental quality, protection, & beautification | 64 | 109.2 | 5.4 | 22.5 | 35.1 | 26.9 |
| Animal-related | 26 | 21.1 | 4.1 | 11.7 | 17.1 | 16.6 |
| Health | 115 | 2,802.7 | 1,380.7 | 144.7 | 2,628.3 | 2,509.8 |
| Mental health, crisis intervention | 49 | 61.9 | 14.8 | 37.0 | 86.5 | 80.4 |
| Diseases, disorders, medical disciplines | 32 | 21.7 | 8.3 | 9.5 | 28.6 | 28.6 |
| Medical research | 8 | 6.0 | 1.9 | 1.8 | 2.2 | 2.2 |
| Crime, legal related | 34 | 22.5 | 7.1 | 11.7 | 15.9 | 13.4 |
| Employment, job related | 11 | 20.3 | 6.8 | 6.0 | 32.1 | 28.4 |
| Food, agriculture, and nutrition | 19 | 17.8 | 0.9 | 22.1 | 25.2 | 24.0 |
| Housing, shelter | 88 | 498.5 | 363.0 | 32.8 | 80.7 | 76.0 |
| Public safety | 5 | 0.4 | - | 0.3 | 0.6 | 0.6 |
| Recreation, sports, leisure, athletics | 125 | 15.3 | 0.8 | 11.7 | 25.9 | 22.3 |
| Youth development | 40 | 35.0 | 4.3 | 17.4 | 23.6 | 23.1 |
| Human services - multipurpose & other | 164 | 374.4 | 103.2 | 170.2 | 347.0 | 320.7 |

Continued on next page.

**Table 11.22-- 501(c)(3) PUBLIC CHARITIES IN HAWAII, BY TYPE:
CIRCA 2006 -- Con.**

| Type | No. of organizations | Total assets | Total liabilities | Contributions, gifts & grants | Total revenue | Total expenses |
|---|-----------------------------|---------------------|--------------------------|--|----------------------|-----------------------|
| International, foreign affairs, and national security | 33 | 51.5 | 6.2 | 51.9 | 58.9 | 56.5 |
| Civil rights, social action, advocacy | 8 | 4.3 | 1.4 | 4.3 | 4.6 | 4.3 |
| Community improvement, capacity building | 89 | 80.2 | 30.0 | 48.5 | 62.7 | 55.8 |
| Philanthropy, voluntarism, & grantmaking foundations | 73 | 975.5 | 71.7 | 96.3 | 125.9 | 74.1 |
| Science & technology research institutes, services | 13 | 144.3 | 15.2 | 31.9 | 26.4 | 36.9 |
| Social science research institutes, services | 6 | 3.5 | 1/ | 2.0 | 2.3 | 1.1 |
| Public, society benefit - multipurpose & other | 19 | 14.7 | 0.5 | 3.6 | 5.7 | 3.5 |
| Religion related, spiritual development | 68 | 62.0 | 4.2 | 9.1 | 17.1 | 15.6 |
| Mutual/membership benefit organizations, other | 9 | 253.6 | 157.5 | 1/ | 81.1 | 67.1 |
| Unknown | 7 | 0.8 | 0.3 | 0.2 | 0.5 | 0.8 |

1/ Value is less than 0.1.

Source: National Center for Charitable Statistics (NCCS)

<<http://nccsdataweb.urban.org/tablewiz/form.php?st=HI>> accessed June 14, 2008.

Table 11.23-- QUALITY OF LIFE INDEX RANKINGS, FOR THE STATE AND THE HONOLULU METROPOLITAN STATISTICAL AREA (MSA): 1993 TO 2008

| Area, authority, and year of publication | Number of areas ranked | State or Honolulu rank 1/ |
|--|------------------------|---------------------------|
| State: | | |
| Morgan Quitno, 1993 | 50 | 9 |
| Morgan Quitno, 1994 | 50 | 20 |
| Morgan Quitno, 1995 | 50 | 24 |
| Morgan Quitno, 1996 | 50 | 27 |
| Morgan Quitno, 1997 | 50 | 33 |
| Morgan Quitno, 1998 | 50 | 30 |
| Morgan Quitno, 1999 | 50 | 41 |
| Morgan Quitno, 2000 | 50 | 43 |
| Morgan Quitno, 2001 | 50 | 34 |
| Morgan Quitno, 2002 | 50 | 43 |
| Morgan Quitno, 2003 | 50 | 41 |
| Morgan Quitno, 2004 | 50 | 32 |
| Morgan Quitno, 2005 | 50 | 26 |
| Morgan Quitno, 2006 | 50 | 22 |
| Morgan Quitno, 2007 | 50 | 19 |
| CQ Press, 2008 2/ | 50 | 21 |
| Honolulu MSA: | | |
| <i>Money</i> , 1993 | 300 | 124 |
| <i>Money</i> , 1994 | 300 | 155 |
| <i>Money</i> , 1995 | 300 | 102 |
| <i>Money</i> , 1996 | 300 | 88 |
| <i>Money</i> , 1997 | 300 | 167 |
| <i>Money</i> , 1998 3/ | 23 | 16 |
| <i>Money</i> , 2000 | 100 | 45 |
| <i>Money</i> , 2001 | 100 | 45 |
| <i>Money</i> , 2002 | 100 | 45 |
| <i>Money</i> , 2004 | 87 | (NA) |
| <i>Money</i> , 2005 | 100 | (NA) |
| <i>Money</i> , 2006 | 100 | (NA) |
| <i>Money</i> , 2007 | 100 | (NA) |
| <i>Money</i> , 2008 | 100 | (NA) |

NA Not available.

1/ For the State, the scale is 1 to 50, the lower the rank, the better. For the Honolulu MSA, the scale is 1 to 300 for the years 1993 to 1997, the lower the rank, the better; the scale is 1 to 23 for 1998, and 1 to 100 for the years 2000 to 2002, the higher the rank, the better.

2/ Morgan Quitno Press was acquired by CQ Press on June 21, 2007.

3/ In the Western States, comparison limited to medium-size MSAs (250,000 to 1,000,000 inhabitants).

Source: Morgan Quitno, *State Rankings* (annual); CQ Press, *State Rankings 2008* <<http://www.cqpress.com/product/State-Rankings-2008.html>> accessed June 9, 2008; Money, "Best Places to Live" (annual) <<http://money.cnn.com/magazines/moneymag/bplive/2007/states/HI.html>> accessed June 9, 2008.

Section 12

LABOR FORCE, EMPLOYMENT, AND EARNINGS

This section presents statistics on the size and composition of the labor force, employment by occupation, industry, and class of worker, payrolls, wage rates, hours, industrial safety, unionization, and strikes. Related series appear in Sections 3, 9, 10, and 19 through 23.

Principal sources for the data on labor force, employment, place of work, hours, earnings, unions and strikes are the decennial reports of the U.S. Census Bureau, the same agency's Current Population Survey, reports by the U.S. Bureau of Labor Statistics, monthly and annual tabulations by the Hawaii State Department of Labor and Industrial Relations, and annual surveys of pay rates by the Hawaii Employers Council. *Historical Statistics of Hawaii*, Section 4, includes figures for earlier years. Statistics for the nation as a whole are published in Section 12 of the *Statistical Abstract of the United States: 2008*.

Table
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Table 12.01-- LABOR FORCE STATUS, BY SEX: 1960 TO 2000

| Sex and labor force status | 1960 | 1970 | 1980 | 1990 | 2000 |
|-----------------------------------|-------------|-------------|-------------|-------------|-------------|
| BOTH SEXES | | | | | |
| Persons 16 years and over | 402,937 | 522,018 | 723,479 | 855,518 | 950,055 |
| Labor force | 263,450 | 344,269 | 494,223 | 602,348 | 612,831 |
| Percent in labor force | 65.4 | 65.9 | 68.3 | 70.4 | 64.5 |
| Armed forces | 47,255 | 49,785 | 58,443 | 54,001 | 39,036 |
| Civilian labor force | 216,195 | 294,484 | 435,780 | 548,347 | 573,795 |
| Employed | 207,456 | 285,556 | 415,181 | 529,059 | 537,909 |
| Unemployed | 8,739 | 8,928 | 20,599 | 19,288 | 35,886 |
| Percent of civ. labor force | 4.0 | 3.0 | 4.7 | 3.5 | 6.3 |
| Not in labor force | 139,487 | 177,749 | 229,256 | 253,170 | 337,224 |
| MALE | | | | | |
| Persons 16 years and over | 219,822 | 272,726 | 370,683 | 434,203 | 473,542 |
| Labor force | 186,507 | 222,221 | 290,420 | 335,651 | 331,177 |
| Percent in labor force | 84.8 | 81.5 | 78.3 | 77.3 | 69.9 |
| Armed forces | 46,626 | 48,860 | 54,032 | 47,441 | 34,368 |
| Civilian labor force | 139,881 | 173,361 | 236,388 | 288,210 | 296,809 |
| Employed | 135,481 | 168,940 | 225,331 | 277,735 | 276,483 |
| Unemployed | 4,400 | 4,421 | 11,057 | 10,475 | 20,326 |
| Percent of civ. labor force | 3.1 | 2.6 | 4.7 | 3.6 | 6.8 |
| Not in labor force | 33,315 | 50,505 | 80,263 | 98,552 | 142,365 |
| FEMALE | | | | | |
| Persons 16 years and over | 183,115 | 249,292 | 352,796 | 421,315 | 476,513 |
| Labor force | 76,943 | 122,048 | 203,803 | 266,697 | 281,654 |
| Percent in labor force | 42.0 | 49.0 | 57.8 | 63.3 | 59.1 |
| Armed forces | 629 | 925 | 4,411 | 6,560 | 4,668 |
| Civilian labor force | 76,314 | 121,123 | 199,392 | 260,137 | 276,986 |
| Employed | 71,975 | 116,616 | 189,850 | 251,324 | 261,426 |
| Unemployed | 4,339 | 4,507 | 9,542 | 8,813 | 15,560 |
| Percent of civ. labor force | 5.7 | 3.7 | 4.8 | 3.4 | 5.6 |
| Not in labor force | 106,172 | 127,244 | 148,993 | 154,618 | 194,859 |

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960, Detailed Characteristics, Hawaii*, PC(1)-13D (1962), table 115; *1970 Census of Population, General Social and Economic Characteristics, Hawaii*, PC(1)-C13 (December 1971), table 53; *1980 Census of Population, General Social and Economic Characteristics, Hawaii*, PC80-1-C13 (June 1983), table 61; *1990 Census of Population, Social and Economic Characteristics, Hawaii*, 1990 CP-2-13 (September 1993), table 24; Census 2000, Table DP-3. Profile of Selected Economic Characteristics: 2000, Geographic area: Hawaii
 <<http://www.hawaii.gov/dbedt/census2k/profile-state/04015.pdf>> accessed July 23, 2004 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 12.02-- LABOR FORCE CHARACTERISTICS, BY COUNTY: 2000

| Subject | State total | Hawaii | Honolulu | Kalawao | Kauai | Maui |
|---|-------------|--------|----------|---------|--------|--------|
| Population 16 years and over | | | | | | |
| Male | 473,542 | 56,763 | 344,979 | 88 | 22,264 | 49,448 |
| Worked in 1999 | 348,658 | 38,740 | 255,991 | 44 | 15,974 | 37,909 |
| Usually worked 35 or more hours per week | 289,970 | 30,952 | 214,602 | 29 | 12,910 | 31,477 |
| 50 to 52 weeks | 218,200 | 21,933 | 164,633 | 14 | 9,165 | 22,455 |
| Female | 476,513 | 57,884 | 346,036 | 59 | 22,656 | 49,878 |
| Worked in 1999 | 303,417 | 36,365 | 218,804 | 29 | 14,532 | 33,687 |
| Usually worked 35 or more hours per week | 217,763 | 24,340 | 159,076 | 15 | 10,025 | 24,307 |
| 50 to 52 weeks | 158,241 | 17,118 | 117,075 | 15 | 7,177 | 16,856 |
| Females 16 years and over with own children under 18 years, under 6 years only | 33,927 | 3,437 | 25,589 | - | 1,375 | 3,526 |
| In labor force | 21,614 | 2,229 | 15,988 | - | 962 | 2,435 |
| Employed or in Armed Forces | 19,960 | 2,039 | 14,720 | - | 883 | 2,318 |
| Own children under 18 years in families and subfamilies | 271,881 | 35,528 | 192,025 | - | 14,413 | 29,915 |
| Under 6 years | 86,956 | 10,089 | 63,495 | - | 4,170 | 9,202 |
| Living with two parents, both parents in labor force | 35,588 | 3,846 | 26,170 | - | 1,757 | 3,815 |

Source: U.S. Census Bureau, Census 2000 Summary File 3 Hawaii (September 25, 2002) <<http://factfinder.census.gov/servlet/BasicFactsServlet>> accessed August 11, 2003.

**Table 12.03-- SELECTED LABOR FORCE AND COMMUTING CHARACTERISTICS,
BY GEOGRAPHIC AREA: 2000**

| Subject | State total | Oahu | Other islands |
|---|----------------|---------|------------------|
| EMPLOYMENT STATUS | | | |
| Population 16 years and over | 950,055 | 691,015 | 259,040 |
| In labor force | 612,831 | 447,320 | 165,511 |
| Civilian labor force | 573,795 | 408,638 | 165,157 |
| Employed | 537,909 | 383,148 | 154,761 |
| Unemployed | 35,886 | 25,490 | 10,396 |
| Percent of civilian labor force | 6.3 | 6.2 | 6.3 |
| Armed forces | 39,036 | 38,682 | 354 |
| Not in labor force | 337,224 | 243,695 | 93,529 |
| | | | |
| Females 16 years and over | 476,513 | 346,036 | 130,477 |
| In labor force | 281,654 | 203,289 | 78,365 |
| Civilian labor force | 276,986 | 198,679 | 78,307 |
| Employed | 261,426 | 187,607 | 73,819 |
| | | | |
| Own children under 6 years | 86,956 | 63,495 | 23,461 |
| All parents in family in labor force | 53,711 | 38,528 | 15,183 |
| | | | |
| COMMUTING TO WORK | | | |
| | | | |
| Workers 16 years and over | 563,154 | 412,250 | 150,904 |
| Car, truck, or van - drove alone | 359,916 | 253,231 | 106,685 |
| Car, truck or van - carpooled | 107,191 | 80,009 | 27,182 |
| Public transportation (including taxicab) | 35,368 | 34,250 | 1,118 |
| Walked | 27,134 | 23,022 | 4,112 |
| Other means | 13,349 | 9,832 | 3,517 |
| Worked at home | 20,196 | 11,906 | 8,290 |
| Mean travel time to work (minutes) | 26.1 | 27.3 | (NA) |

NA Not available.

Source: U.S. Census Bureau, Census 2000, Profile of General Economic Characteristics: 2000, Geographic area: Hawaii, table DP-3 <<http://www.hawaii.gov/dbedt/census2k/profile-state/04015.pdf>> accessed July 23, 2004.

Table 12.04-- LABOR FORCE STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION 16 YEARS AND OVER: ANNUAL AVERAGE, 2005 TO 2007

[Numbers in thousands. Data are preliminary]

| Population group | Persons 16 years and over | | | 16 to 19 years (both sexes) |
|--------------------------------------|---------------------------|------|-------|--------------------------------|
| | Both sexes | Men | Women | |
| 2005 1/ | | | | |
| Civilian noninstitutional population | 970 | 462 | 508 | 60 |
| Civilian labor force | 642 | 330 | 312 | 25 |
| Percent of population | 66.2 | 71.5 | 61.4 | 42.3 |
| Employment | 624 | 321 | 303 | 22 |
| Percent of population | 64.3 | 69.4 | 59.7 | 36.2 |
| Unemployment | 19 | 10 | 9 | 4 |
| Rate 1/ | 2.9 | 2.9 | 2.9 | 14.6 |
| Not in civilian labor force | 328 | 132 | 196 | 35 |
| 2006 1/ | | | | |
| Civilian noninstitutional population | 987 | 471 | 516 | 55 |
| Civilian labor force | 657 | 342 | 315 | 23 |
| Percent of population | 66.5 | 72.6 | 61.0 | 42.0 |
| Employment | 639 | 333 | 307 | 20 |
| Percent of population | 64.8 | 70.5 | 59.5 | 35.8 |
| Unemployment | 18 | 10 | 8 | 3 |
| Rate 1/ | 2.7 | 2.8 | 2.5 | 14.8 |
| Not in civilian labor force | 330 | 129 | 201 | 32 |
| 2007 1/ | | | | |
| Civilian noninstitutional population | 985 | 473 | 512 | 65 |
| Civilian labor force | 647 | 341 | 305 | 21 |
| Percent of population | 65.6 | 72.2 | 59.6 | 32.8 |
| Employment | 628 | 332 | 296 | 18 |
| Percent of population | 63.7 | 70.2 | 57.8 | 27.6 |
| Unemployment | 19 | 9 | 9 | 3 |
| Rate 1/ | 2.9 | 2.7 | 3.0 | 15.6 |
| Not in civilian labor force | 338 | 132 | 207 | 44 |

1/ This preliminary table does not contain unemployment rate error ranges.

Source: U.S. Bureau of Labor Statistics, "Employment status of the civilian noninstitutional population in states by sex, race, Hispanic or Latino ethnicity, and detailed age (preliminary), Annual Averages" (annual) <<http://www.bls.gov/lau/>> accessed April 4, 2008 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 12.05-- CIVILIAN LABOR FORCE, AND UNEMPLOYMENT RATE, TOTAL AND FEMALE, BY RACE AND HISPANIC ORIGIN: 2006 AND 2007

[Totals may not add due to rounding. Estimates from Annual Local Area Unemployment Statistics (LAUS) for 2006 and 2007 respectively, based on 2000 Census]

| Race or origin 1/ | Civilian labor force | | Unemployed (percent) | |
|--|----------------------|-------------------|----------------------|------------|
| | Both sexes | Female | Both sexes | Female |
| 2006 | | | | |
| All races | 643,500 | 311,850 | 2.4 | 2.1 |
| One race | | | | |
| White | 165,900 | 76,000 | 2.2 | 2.1 |
| Black or African American | 7,350 | 2,950 | 3.6 | 4.3 |
| American Indian and Alaska Native | 1,500 | 700 | 5.4 | 6.9 |
| Asian | 288,200 | 145,650 | 1.6 | 1.3 |
| Native Hawaiian and other Pacific Islander | 53,600 | 25,450 | 4.6 | 4.1 |
| Some other race | 6,650 | 2,950 | 3.6 | 3.9 |
| Two or more races | 120,300 | 58,100 | 3.3 | 3.1 |
| Minority group 2/ Hispanic or Latino | 477,600 38,050 | 235,850 18,800 | 2.4 4.1 | 2.1 3.9 |
| 2007 | | | | |
| All races | 649,100 | 314,550 | 2.6 | 2.4 |
| One race | | | | |
| White | 167,350 | 76,700 | 2.4 | 2.4 |
| Black or African American | 7,400 | 2,950 | 3.9 | 4.6 |
| American Indian and Alaska Native | 1,500 | 700 | 5.7 | 7.2 |
| Asian | 290,750 | 146,900 | 1.9 | 1.6 |
| Native Hawaiian and other Pacific Islander | 54,050 | 25,700 | 4.9 | 4.4 |
| Some other race | 6,750 | 3,000 | 3.9 | 4.2 |
| Two or more races | 121,350 | 58,600 | 3.6 | 3.4 |
| Minority group 2/ Hispanic or Latino | 481,750 38,400 | 237,900 18,950 | 2.7 4.3 | 2.4 4.2 |

1/ Based on census definitions. Persons of mixed race are classified by self-identification.

2/ All races except White.

Source: Hawaii State Department of Labor & Industrial Relations, Labor Force Info for Affirmative Action Programs, "Table 1. Labor Force Info by Sex & Race" for 2005 <http://www.hiwi.org/admin/uploadedPublications/1604_AAP-T1-2005.pdf> accessed June 22, 2006 and 2006 <http://www.hiwi.org/admin/uploadedPublications/1715_AAP-T1-2006.pdf> accessed June 5, 2007 and records. See also <<http://www.hiwi.org/cgi/dataanalysis/?PAGEID=94>>.

**Table 12.06-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE:
ANNUAL AVERAGE, 1976 TO 2007**

[Data from 1976 to 2007 reflect new modeling approach (redesign) and reestimation of the Cooperative Federal (U.S. Bureau of Labor Statistics) - State (Hawaii State Department of Labor & Industrial Relations) "Local Area Unemployment Statistics" (LAUS) program. Except for percent employed, rounded to nearest 50]

| Year | Labor force | Employed | Unemployed | |
|---------|-------------|----------|------------|---------|
| | | | Number | Percent |
| 1976 | 410,250 | 372,250 | 38,000 | 9.3 |
| 1977 | 418,500 | 386,150 | 32,400 | 7.7 |
| 1978 | 422,550 | 394,300 | 28,250 | 6.7 |
| 1979 | 430,800 | 406,450 | 24,350 | 5.7 |
| 1980 | 441,000 | 419,750 | 21,250 | 4.8 |
| 1981 | 451,750 | 428,500 | 23,200 | 5.1 |
| 1982 | 459,750 | 432,450 | 27,250 | 5.9 |
| 1983 | 471,900 | 444,000 | 27,900 | 5.9 |
| 1984 | 477,100 | 451,400 | 25,700 | 5.4 |
| 1985 | 483,850 | 459,400 | 24,400 | 5.0 |
| 1986 | 495,850 | 473,500 | 22,350 | 4.5 |
| 1987 | 511,250 | 492,700 | 18,550 | 3.6 |
| 1988 | 519,450 | 503,750 | 15,700 | 3.0 |
| 1989 | 527,750 | 515,250 | 12,550 | 2.4 |
| 1990 | 551,050 | 537,600 | 13,400 | 2.4 |
| 1991 | 563,050 | 547,350 | 15,700 | 2.8 |
| 1992 | 576,000 | 551,550 | 24,450 | 4.2 |
| 1993 | 581,750 | 556,350 | 25,400 | 4.4 |
| 1994 | 585,800 | 555,750 | 30,050 | 5.1 |
| 1995 | 589,500 | 557,050 | 32,450 | 5.5 |
| 1996 | 596,750 | 561,700 | 35,050 | 5.9 |
| 1997 | 601,650 | 566,750 | 34,900 | 5.8 |
| 1998 | 604,300 | 570,150 | 34,150 | 5.7 |
| 1999 | 606,650 | 576,300 | 30,350 | 5.0 |
| 2000 | 609,000 | 584,850 | 24,150 | 4.0 |
| 2001 | 615,250 | 589,200 | 26,050 | 4.2 |
| 2002 | 608,950 | 584,350 | 24,600 | 4.0 |
| 2003 1/ | 616,300 | 592,450 | 23,850 | 3.9 |
| 2004 1/ | 622,550 | 602,450 | 20,100 | 3.2 |
| 2005 1/ | 635,400 | 618,000 | 17,400 | 2.7 |
| 2006 1/ | 647,600 | 631,600 | 16,000 | 2.5 |
| 2007 1/ | 649,100 | 631,900 | 17,150 | 2.6 |

1/ Data benchmarked in March, 2008. Reflects revised population controls & model reestimation.

Source: Hawaii State Department of Labor & Industrial Relations, Unemployment/Labor Force Estimates, Not Seasonally Adjusted, Statewide <http://www.hiwi.org/admin/uploadedPublications/1478_LFXLS.XLS> accessed March 28, 2008.

**Table 12.07-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE,
BY COUNTY: ANNUAL AVERAGE, 1990 TO 2007**

[Data beginning with 1990 reflect new modeling approach (redesign) and reestimation and have been adjusted to incorporate revised intercensal population controls for the 1990's. Counties' data from 1990-1999 reflect 2000 Census-based geography & new model-based controls at the state level. Data from 2000-2007 reflect 2000-based geography, new model controls, 2000 Census inputs and methodological changes. Beginning with January 2005 data, labor force estimates are produced using a new estimation methodology developed by the U.S. Bureau of Labor Statistics (BLS). Estimates are rounded to the nearest 50 except for the unemployment rate which is rounded to 0.1 percent]

| Year | Honolulu | Hawaii | Kauai | Maui |
|----------------------|----------|--------|--------|--------|
| Civilian labor force | | | | |
| 1990 | 409,250 | 58,350 | 26,100 | 57,300 |
| 1991 | 412,000 | 62,600 | 28,050 | 60,350 |
| 1992 | 418,000 | 64,250 | 28,950 | 64,800 |
| 1993 | 423,200 | 64,850 | 28,150 | 65,500 |
| 1994 | 425,450 | 65,500 | 28,550 | 66,350 |
| 1995 | 428,000 | 65,400 | 28,850 | 67,250 |
| 1996 | 432,000 | 67,400 | 29,000 | 68,350 |
| 1997 | 433,600 | 69,300 | 28,800 | 69,950 |
| 1998 | 434,700 | 69,500 | 29,050 | 71,100 |
| 1999 | 433,350 | 70,750 | 29,500 | 73,050 |
| 2000 | 433,100 | 74,200 | 30,350 | 71,300 |
| 2001 | 435,300 | 76,300 | 30,450 | 73,200 |
| 2002 | 429,800 | 76,450 | 30,350 | 72,300 |
| 2003 1/ | 433,750 | 78,400 | 31,300 | 72,850 |
| 2004 1/ | 436,150 | 79,800 | 31,800 | 74,800 |
| 2005 1/ | 445,200 | 81,850 | 32,350 | 76,000 |
| 2006 1/ | 451,300 | 85,050 | 32,950 | 78,300 |
| 2007 1/ | 449,850 | 86,300 | 33,250 | 79,700 |
| Civilian employed | | | | |
| 1990 | 401,250 | 56,300 | 25,200 | 54,900 |
| 1991 | 403,600 | 59,750 | 26,900 | 57,100 |
| 1992 | 406,400 | 59,450 | 26,150 | 59,600 |
| 1993 | 409,900 | 59,900 | 24,500 | 62,000 |
| 1994 | 408,750 | 59,400 | 25,050 | 62,500 |
| 1995 | 409,550 | 59,100 | 25,750 | 62,600 |
| 1996 | 411,000 | 61,200 | 25,750 | 63,750 |
| 1997 | 412,800 | 62,900 | 25,850 | 65,200 |
| 1998 | 413,600 | 63,400 | 26,400 | 66,700 |
| 1999 | 414,300 | 65,250 | 27,450 | 69,350 |
| 2000 | 416,450 | 70,750 | 29,000 | 68,700 |
| 2001 | 417,500 | 72,500 | 28,950 | 70,300 |
| 2002 | 412,900 | 72,950 | 29,050 | 69,500 |
| 2003 1/ | 417,500 | 74,750 | 30,050 | 70,100 |
| 2004 1/ | 422,500 | 76,750 | 30,750 | 72,500 |
| 2005 1/ | 433,350 | 79,150 | 31,450 | 74,050 |
| 2006 1/ | 440,500 | 82,550 | 32,150 | 76,450 |
| 2007 1/ | 438,600 | 83,400 | 32,400 | 77,450 |

Continued on next page.

**Table 12.07-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE,
BY COUNTY: ANNUAL AVERAGE, 1990 TO 2007 -- Con.**

| Year | Honolulu | Hawaii | Kauai | Maui |
|--------------------|----------|--------|-------|-------|
| Unemployed | | | | |
| 1990 | 8,000 | 2,050 | 950 | 2,400 |
| 1991 | 8,450 | 2,850 | 1,150 | 3,250 |
| 1992 | 11,600 | 4,850 | 2,800 | 5,200 |
| 1993 | 13,300 | 4,950 | 3,650 | 3,500 |
| 1994 | 16,700 | 6,050 | 3,500 | 3,850 |
| 1995 | 18,450 | 6,300 | 3,100 | 4,600 |
| 1996 | 21,000 | 6,200 | 3,250 | 4,600 |
| 1997 | 20,750 | 6,450 | 2,950 | 4,750 |
| 1998 | 21,100 | 6,100 | 2,600 | 4,350 |
| 1999 | 19,050 | 5,550 | 2,050 | 3,700 |
| 2000 | 16,700 | 3,500 | 1,350 | 2,600 |
| 2001 | 17,800 | 3,800 | 1,550 | 2,950 |
| 2002 | 16,950 | 3,500 | 1,350 | 2,800 |
| 2003 1/ | 16,250 | 3,650 | 1,250 | 2,700 |
| 2004 1/ | 13,650 | 3,100 | 1,050 | 2,300 |
| 2005 1/ | 11,850 | 2,700 | 850 | 1,950 |
| 2006 1/ | 10,850 | 2,500 | 800 | 1,850 |
| 2007 1/ | 11,250 | 2,900 | 850 | 2,200 |
| Percent unemployed | | | | |
| 1990 | 2.0 | 3.5 | 3.6 | 4.2 |
| 1991 | 2.0 | 4.5 | 4.1 | 5.4 |
| 1992 | 2.8 | 7.5 | 9.6 | 8.0 |
| 1993 | 3.1 | 7.6 | 13.0 | 5.4 |
| 1994 | 3.9 | 9.2 | 12.2 | 5.8 |
| 1995 | 4.3 | 9.6 | 10.7 | 6.9 |
| 1996 | 4.9 | 9.2 | 11.3 | 6.7 |
| 1997 | 4.8 | 9.3 | 10.3 | 6.8 |
| 1998 | 4.9 | 8.7 | 9.0 | 6.2 |
| 1999 | 4.4 | 7.8 | 6.9 | 5.1 |
| 2000 | 3.9 | 4.7 | 4.5 | 3.7 |
| 2001 | 4.1 | 5.0 | 5.0 | 4.0 |
| 2002 | 3.9 | 4.6 | 4.4 | 3.9 |
| 2003 1/ | 3.7 | 4.6 | 4.0 | 3.7 |
| 2004 1/ | 3.1 | 3.9 | 3.4 | 3.1 |
| 2005 1/ | 2.7 | 3.3 | 2.7 | 2.6 |
| 2006 1/ | 2.4 | 2.9 | 2.4 | 2.4 |
| 2007 1/ | 2.5 | 3.3 | 2.5 | 2.8 |

1/ 2003 to 2007 have been benchmarked. 2006 and 2007 are preliminary subject to BLS' approval.

Source: Hawaii State Department of Labor & Industrial Relations, Unemployment/Labor Force Estimates, Not Seasonally Adjusted <<http://www.hiwi.org/article.asp?ARTICLEID=463&PAGEID=94&SUBID=>>> accessed April 22, 2008.

**Table 12.08-- UNEMPLOYMENT INSURANCE BENEFITS AND DURATION
FOR THE UNITED STATES, THE 50 STATES, DISTRICT OF COLUMBIA,
PUERTO RICO AND THE VIRGIN ISLANDS: 2008 1ST QUARTER**

| Area | State regular benefits paid (\$1,000) 1/ | Average weekly benefit amount (dollars) 2/ | Average duration (weeks) 3/ | Average benefits per first payment (dollars) 4/ |
|----------------------|---|---|--|--|
| United States | 10,995,440 | 299 | 15.2 | 4,286 |
| Alabama | 66,599 | 191 | 11.9 | 2,214 |
| Alaska | 34,351 | 203 | 14.2 | 2,788 |
| Arizona | 79,360 | 220 | 15.2 | 3,100 |
| Arkansas | 86,086 | 264 | 14.5 | 3,577 |
| California | 1,630,000 | 308 | 16.6 | 4,861 |
| Colorado | 101,214 | 337 | 13.5 | 4,392 |
| Connecticut | 198,384 | 325 | 16.5 | 4,903 |
| Delaware | 33,485 | 256 | 16.9 | 4,321 |
| District of Columbia | 25,439 | 290 | 19.1 | 5,362 |
| Florida | 359,015 | 241 | 14.6 | 3,451 |
| Georgia | 197,383 | 269 | 11.3 | 2,900 |
| Hawaii | 39,197 | 404 | 13.6 | 5,158 |
| Idaho | 69,637 | 271 | 11.5 | 2,870 |
| Illinois | 675,851 | 325 | 17.4 | 5,319 |
| Indiana | 261,983 | 300 | 13.2 | 3,740 |
| Iowa | 138,548 | 306 | 12.6 | 3,561 |
| Kansas | 84,113 | 317 | 13.3 | 4,021 |
| Kentucky | 138,764 | 291 | 13.8 | 3,812 |
| Louisiana | 49,498 | 211 | 14.5 | 2,973 |
| Maine | 46,062 | 260 | 14.3 | 3,569 |
| Maryland | 154,086 | 298 | 15.1 | 4,289 |
| Massachusetts | 489,941 | 388 | 18.0 | 6,721 |
| Michigan | 633,436 | 298 | 14.5 | 4,153 |
| Minnesota | 286,235 | 341 | 16.5 | 5,439 |
| Mississippi | 36,990 | 179 | 14.3 | 2,464 |
| Missouri | 151,240 | 236 | 14.0 | 3,128 |
| Montana | 33,652 | 263 | 14.8 | 3,359 |
| Nebraska | 31,221 | 241 | 12.3 | 2,804 |
| Nevada | 116,743 | 292 | 14.4 | 4,037 |
| New Hampshire | 32,391 | 269 | 12.8 | 3,329 |
| New Jersey | 619,079 | 375 | 18.2 | 6,388 |
| New Mexico | 39,213 | 271 | 16.5 | 4,295 |
| New York | 723,539 | 304 | 16.9 | 4,905 |
| North Carolina | 282,399 | 282 | 13.7 | 3,726 |
| North Dakota | 20,170 | 289 | 12.3 | 3,362 |

Continued on next page.

**Table 12.08-- UNEMPLOYMENT INSURANCE BENEFITS AND DURATION
FOR THE UNITED STATES, THE 50 STATES, DISTRICT OF COLUMBIA,
PUERTO RICO AND THE VIRGIN ISLANDS: 2008 1ST QUARTER -- Con.**

| Area | State regular benefits paid (\$1,000) 1/ | Average weekly benefit amount (dollars) 2/ | Average duration (weeks) 3/ | Average benefits per first payment (dollars) 4/ |
|----------------|---|---|--|--|
| Ohio | 446,036 | 300 | 15.2 | 4,375 |
| Oklahoma | 40,022 | 279 | 15.2 | 3,748 |
| Oregon | 196,076 | 294 | 14.0 | 3,973 |
| Pennsylvania | 781,862 | 337 | 16.3 | 5,000 |
| Puerto Rico | 48,609 | 113 | 18.9 | 2,047 |
| Rhode Island | 83,815 | 376 | 15.9 | 5,667 |
| South Carolina | 109,843 | 238 | 13.7 | 3,078 |
| South Dakota | 8,553 | 240 | 11.5 | 2,589 |
| Tennessee | 131,680 | 219 | 14.0 | 3,027 |
| Texas | 330,172 | 300 | 14.8 | 4,177 |
| Utah | 50,135 | 312 | 13.1 | 3,877 |
| Vermont | 37,231 | 300 | 14.6 | 4,082 |
| Virgin Islands | 2,803 | 337 | 16.6 | 5,224 |
| Virginia | 119,481 | 274 | 12.5 | 3,322 |
| Washington | 251,340 | 343 | 13.0 | 4,213 |
| West Virginia | 47,690 | 246 | 13.6 | 3,182 |
| Wisconsin | 330,114 | 279 | 13.6 | 3,322 |
| Wyoming | 14,675 | 302 | 12.9 | 3,665 |

1/ Regular benefits are the unemployment benefits paid to individuals under a state program, usually the first 26 weeks of benefits, for all weeks compensated including partial payments (ETA 5159). Extended benefits paid were reported as zero in all states except Louisiana and Washington showed 1 (\$1,000) each for a U.S. total of 2 (\$1,000). The supplemental program that pays extended compensation during periods of specified high unemployment in a state to individuals for weeks of unemployment after exhaustion of regular UI benefits. One-half of extended benefits is funded by the state trust fund (ETA 5159).

2/ Benefits paid for total unemployment divided by weeks compensated for total unemployment (ETA 5159).

3/ The number of weeks compensated for the year divided by the number of first payments (ETA 5159).

4/ Benefits Paid for all weeks compensated divided by the number of first payments.

Source: U.S. Bureau of Labor Statistics, "Unemployment Insurance Data Summary, Benefits and Duration Data, 1st Quarter 2008" <<http://www.ows.doleta.gov/unemploy/content/data.asp>> accessed June 12, 2008.

**Table 12.09-- CHARACTERISTICS OF THE INSURED UNEMPLOYED:
ANNUAL AVERAGE, 2007**

[As percent of total. Includes all eligible claimants who filed new claims for unemployment insurance benefits during the year. Includes both intrastate and interstate agent claimants]

| Characteristic | Percent | Characteristic | Percent |
|---------------------------------|---------|---|-------------|
| Total | 100.0 | Industry - Con. | |
| | | Other services | 2.4 |
| Age | | Public administration 1/ Information not available | 0.0 10.0 |
| Under 22 years | 1.9 | Occupation | |
| 22 to 24 years | 4.4 | Management | 7.1 |
| 25 to 34 years | 21.9 | Business/financial operations | 1.9 |
| 35 to 44 years | 24.8 | Computer/mathematical | 1.0 |
| 45 to 54 years | 26.1 | Architecture & engineering | 0.6 |
| 55 to 64 years | 17.0 | Life/physical/social science | 0.6 |
| 65 years and over | 3.8 | Community & social serv. | 1.4 |
| Sex | | Legal | 0.4 |
| Male | 62.7 | Education/training/library | 1.9 |
| Female | 37.3 | Arts/entertainment/sports | 1.4 |
| Duration | | Healthcare practitioner/technical | 0.8 |
| 1 to 4 weeks | 40.9 | Healthcare support | 1.4 |
| 5 to 14 weeks | 37.0 | Protective service | 1.0 |
| 15 weeks and over | 22.1 | Food preparation/servicing | 8.5 |
| Industry | | Building/grounds maintenance | 3.0 |
| Government - state | 3.1 | Personal care/service | 2.2 |
| Government - county | 0.6 | Sales related | 5.9 |
| Agriculture/forestry/fishing | 4.0 | Office/administrative support | 12.2 |
| Mining 1/ | 0.0 | Farming/fishing/forestry | 2.9 |
| Utilities 1/ | 0.0 | Construction/extraction | 18.2 |
| Construction | 26.1 | Installation/maintenance/repair | 2.4 |
| Manufacturing | 2.8 | Production | 2.4 |
| Wholesale trade | 1.8 | Transportation/material moving | 4.5 |
| Retail trade | 6.0 | Information not available | 18.3 |
| Transportation/warehousing | 4.2 | Ethnicity | |
| Information | 2.5 | American Indian | 0.9 |
| Finance & insurance | 2.0 | Chinese | 4.9 |
| Real estate/rental/leasing | 1.7 | Filipino | 17.5 |
| Professional/technical services | 3.4 | Japanese | 8.5 |
| Management of companies | 0.3 | Other Asians | 2.6 |
| Administrative/waste services | 10.3 | Black | 2.2 |
| Educational services | 0.7 | Hawaiian | 19.4 |
| Health care/social assistance | 4.7 | Other Pacific Islander | 5.2 |
| Arts/entertainment/recreation | 1.2 | White & Latino | 26.0 |
| Accommodation/food services | 12.3 | Others | 12.8 |

Continued on next page.

**Table 12.09-- CHARACTERISTICS OF THE INSURED UNEMPLOYED:
ANNUAL AVERAGE, 2007 -- Con.**

1/ An industry may have claimants in one or more months in 2007 and yet average to an annual of 0 and round to 0.0 percent of total, e.g. Mining had an average of 1, Utilities 3 and Public Administration 2.

Source: Hawaii State Department of Labor & Industrial Relations "Characteristics of the Insured Unemployed in Hawaii - 2007" <<http://www.hiwi.org/article.asp?ARTICLEID=1533&PAGEID=67&SUBID=116>> accessed May 23, 2008.

**Table 12.10-- WAGE AND SALARY JOBCOUNT: ANNUAL AVERAGE,
1990 TO 2007**

[Persons holding more than one job are counted in each position. As a result, these data differ from corresponding estimates of employment, reported elsewhere in this section. Active-duty armed forces are excluded, unless also employed in civilian jobs. Persons not working because of labor disputes are included. Data for the component nonagriculture jobs are rounded to the nearest 50 except for 2000, which are rounded to the nearest 100. Totals may not add due to rounding. Includes Agriculture]

| Year | State total | City and County of Honolulu | Hawaii County | Kauai County | Maui County |
|-------------|--------------------|------------------------------------|----------------------|---------------------|--------------------|
| 1990 | 537,950 | 413,000 | 49,000 | 25,250 | 50,850 |
| 1991 | 548,650 | 417,850 | 51,650 | 26,350 | 52,850 |
| 1992 | 552,100 | 420,200 | 51,400 | 25,700 | 54,900 |
| 1993 | 547,350 | 416,900 | 50,900 | 23,450 | 56,200 |
| 1994 | 544,100 | 413,700 | 50,250 | 23,950 | 56,350 |
| 1995 | 540,200 | 410,250 | 49,550 | 24,450 | 56,000 |
| 1996 | 538,100 | 406,750 | 50,750 | 24,150 | 56,250 |
| 1997 | 538,800 | 405,550 | 51,850 | 24,200 | 57,150 |
| 1998 | 538,850 | 403,100 | 52,400 | 24,700 | 58,500 |
| 1999 | 542,700 | 403,700 | 53,350 | 25,500 | 60,250 |
| 2000 | 559,300 | 414,300 | 56,000 | 26,550 | 62,450 |
| 2001 | 562,350 | 414,750 | 57,350 | 26,300 | 63,950 |
| 2002 | 563,950 | 414,800 | 58,350 | 26,750 | 64,000 |
| 2003 | 574,750 | 421,800 | 60,100 | 27,800 | 64,900 |
| 2004 | 590,650 | 431,900 | 62,400 | 28,750 | 67,600 |
| 2005 | 608,600 | 444,650 | 64,700 | 29,550 | 69,700 |
| 2006 1/ | 623,950 | 453,650 | 67,700 | 30,350 | 72,250 |
| 2007 1/ | 630,050 | 456,000 | 69,050 | 31,000 | 73,950 |

1/ Data were benchmarked by Department of Labor & Industrial Relations and revised from previous Data Book.

Source: Hawaii State Department of Labor and Industrial Relations, Job Count by Industry - Not Seasonally Adjusted Data, Historical Series
<http://www.hiwi.org/article.asp?ARTICLEID=515&PAGEID=94&SUBID=>> accessed March 11, 2008.

**Table 12.11-- JOBCOUNT, BY NAICS INDUSTRY: ANNUAL AVERAGE,
2003 TO 2007**

[Data rounded to nearest 50. Totals may not add due to rounding or residual categories. Data are according to the North American Industry Classification System]

| Industry | 2003 | 2004 | 2005 | 2006 1/ | 2007 1/ |
|---|---------|---------|---------|---------|---------|
| Nonagriculture, wage & salary | 567,650 | 583,350 | 601,700 | 617,050 | 623,550 |
| Natural resources, mining, construction | 27,950 | 29,450 | 33,400 | 36,500 | 39,000 |
| Manufacturing | 15,000 | 15,400 | 15,200 | 15,300 | 15,200 |
| Durable goods | 4,100 | 4,400 | 4,450 | 4,500 | 4,600 |
| Non-durable goods | 10,950 | 11,000 | 10,800 | 10,800 | 10,600 |
| Trade, transportation & utilities | 107,900 | 112,250 | 117,700 | 121,000 | 121,300 |
| Wholesale trade | 16,700 | 17,050 | 17,600 | 18,050 | 18,400 |
| Retail trade | 64,350 | 66,950 | 69,250 | 70,050 | 70,100 |
| Transportation, warehousing & utilities | 26,800 | 28,250 | 30,850 | 32,950 | 32,800 |
| Utilities | 2,700 | 2,750 | 2,900 | 2,950 | 3,000 |
| Transportation & warehousing | 24,100 | 25,500 | 27,950 | 30,000 | 29,800 |
| Air transportation | 10,000 | 10,250 | 10,150 | 10,100 | 9,800 |
| Information | 10,450 | 10,800 | 10,800 | 10,700 | 10,750 |
| Telecommunications | 4,000 | 3,750 | 3,900 | 4,200 | 4,200 |
| Financial activities | 28,350 | 28,800 | 29,300 | 29,950 | 30,050 |
| Finance & insurance | 16,100 | 16,450 | 16,500 | 16,850 | 16,900 |
| Real estate, rental, leasing | 12,300 | 12,400 | 12,800 | 13,100 | 13,150 |
| Professional & business services | 69,650 | 70,750 | 74,200 | 76,800 | 76,050 |
| Education & health services | 65,350 | 67,700 | 69,850 | 71,200 | 72,800 |
| Education services | 12,650 | 13,000 | 13,600 | 13,900 | 14,150 |
| Health care & social assistance | 52,700 | 54,650 | 56,300 | 57,250 | 58,650 |
| Ambulatory health care services 2/ | 20,550 | 21,650 | 22,550 | 22,700 | 23,000 |
| Hospitals 2/ | 13,950 | 14,100 | 14,050 | 14,050 | 14,450 |
| Nursing & residential care facilities | 6,050 | 6,250 | 6,650 | 6,700 | 6,800 |
| Social assistance | 12,150 | 12,600 | 13,050 | 13,800 | 14,350 |
| Leisure and hospitality | 99,700 | 103,750 | 106,300 | 108,200 | 109,850 |
| Arts, entertainment & recreation | 11,100 | 11,400 | 11,550 | 11,650 | 12,050 |
| Accommodation & food services | 88,600 | 92,350 | 94,800 | 96,550 | 97,800 |
| Accommodation | 36,750 | 37,800 | 38,750 | 39,150 | 39,150 |
| Food services and drinking places | 51,850 | 54,600 | 56,050 | 57,350 | 58,700 |
| Full-Service Restaurants | 26,300 | 28,050 | 28,800 | 29,400 | 30,400 |
| Other services | 24,200 | 24,450 | 25,200 | 26,100 | 26,550 |
| Government | 119,150 | 120,050 | 119,650 | 121,250 | 122,000 |
| Federal | 31,650 | 31,450 | 31,300 | 31,850 | 31,650 |
| Department of Defense | 16,650 | 16,600 | 16,350 | 16,650 | 16,350 |
| State | 70,550 | 71,500 | 71,150 | 71,950 | 72,400 |
| Education (DOE & UH) | 46,900 | 47,500 | 47,350 | 47,550 | 48,100 |
| Local | 16,950 | 17,100 | 17,200 | 17,450 | 17,950 |
| Agriculture | 7,100 | 7,300 | 6,900 | 6,950 | 6,500 |

1/ Data were benchmarked in March, 2007.

2/ New series from 2001.

Source: Hawaii State Department of Labor and Industrial Relations, State of Hawaii, Not Seasonally Adjusted Jobcount by Detailed Industry <<http://www.hiwi.org/article.asp?ARTICLEID=515&PAGEID=94&SUBID>> accessed March 28, 2008.

Table 12.12-- EMPLOYMENT BY NAICS INDUSTRY: 2000

[Based on the North American Industry Classification System]

| Industry | Number | Percent |
|---|---------------|----------------|
| Employed civilian population 16 years and over | 537,909 | 100.0 |
| Agriculture, forestry, fishing and hunting, and mining | 12,119 | 2.3 |
| Construction | 32,180 | 6.0 |
| Manufacturing | 18,979 | 3.5 |
| Wholesale trade | 17,188 | 3.2 |
| Retail trade | 65,693 | 12.2 |
| Transportation and warehousing, and utilities | 33,559 | 6.2 |
| Information | 13,278 | 2.5 |
| Finance, insurance, real estate, and rental and leasing | 37,867 | 7.0 |
| Professional, scientific, management, administrative, and waste management services | 51,039 | 9.5 |
| Educational, health and social services | 102,254 | 19.0 |
| Arts, entertainment, recreation, accommodation and food services | 86,189 | 16.0 |
| Other services (except public administration) | 23,853 | 4.4 |
| Public administration | 43,711 | 8.1 |

Source: U.S. Census Bureau, Census 2000, Table DP-3. Profile of Selected Economic Characteristics: 2000, Geographic area: Hawaii <<http://www.hawaii.gov/dbedt/census2k/profile-state/04015.pdf>> accessed July 23, 2004.

**Table 12.13-- JOBCOUNT BY NAICS INDUSTRY, BY COUNTY:
ANNUAL AVERAGE, 2007**

[Data rounded to nearest 50. Totals may not add due to rounding or residual categories. Data are according to the North American Industry Classification System and were benchmarked in March, 2008]

| Industry | State total | City and County of Honolulu | Hawaii County | Kauai County | Maui County |
|---|-------------|-----------------------------|---------------|--------------|-------------|
| Nonagriculture, wage & salary | 623,550 | 454,500 | 66,550 | 30,350 | 72,150 |
| Natural resources, mining, construction | 39,000 | 26,450 | 5,750 | 1,850 | 4,900 |
| Manufacturing | 15,200 | 11,800 | 1,700 | 400 | 1,350 |
| Durable goods | 4,600 | 3,650 | 500 | 100 | 300 |
| Non-durable goods | 10,600 | 8,100 | 1,150 | 300 | 1,050 |
| Trade, transportation & utilities | 121,300 | 85,700 | 14,300 | 6,350 | 15,000 |
| Wholesale trade | 18,400 | 14,750 | 1,750 | 550 | 1,400 |
| Retail trade | 70,100 | 46,500 | 9,400 | 4,200 | 10,000 |
| Transportation, warehousing & utilities | 32,800 | 24,450 | 3,150 | 1,600 | 3,650 |
| Utilities | 3,000 | (NA) | (NA) | (NA) | (NA) |
| Transportation & warehousing | 29,800 | 22,600 | (NA) | (NA) | (NA) |
| Air transportation | 9,800 | 7,750 | 650 | 350 | 1,000 |
| Information | 10,750 | 8,850 | 750 | 350 | 850 |
| Telecommunications | 4,200 | 3,400 | 300 | 100 | 400 |
| Financial activities | 30,050 | 22,850 | 2,850 | 1,200 | 3,100 |
| Finance & insurance | 16,900 | 14,300 | 1,300 | 450 | 900 |
| Real estate, rental, leasing | 13,150 | 8,550 | (NA) | (NA) | (NA) |
| Professional & business services | 76,050 | 60,300 | 4,900 | 3,650 | 7,200 |
| Education & health services | 72,800 | 57,400 | 7,300 | 2,400 | 5,700 |
| Education services | 14,150 | 11,900 | 1,050 | 200 | 1,050 |
| Health care & social assistance | 58,650 | 45,500 | 6,300 | 2,200 | 4,650 |
| Ambulatory health care services | 23,000 | 17,350 | (NA) | (NA) | (NA) |
| Hospitals | 14,450 | 13,450 | (NA) | (NA) | (NA) |
| Nursing & residential care facilities | 6,800 | (NA) | (NA) | (NA) | (NA) |
| Social assistance | 14,350 | (NA) | (NA) | (NA) | (NA) |
| Leisure and hospitality | 109,850 | 64,150 | 14,700 | 8,850 | 22,150 |
| Arts, entertainment & recreation | 12,050 | 6,750 | 1,900 | 1,000 | 2,350 |
| Accommodation & food services | 97,800 | 57,350 | 12,800 | 7,850 | 19,800 |
| Accommodation | 39,150 | 16,350 | 6,950 | 4,400 | 11,450 |
| Food services and drinking places | 58,700 | 41,050 | 5,850 | 3,450 | 8,350 |
| Full-service restaurants | 30,400 | 18,950 | 3,500 | 2,350 | 5,600 |
| Other services | 26,550 | 20,650 | 2,150 | 950 | 2,800 |
| Government | 122,000 | 96,400 | 12,200 | 4,300 | 9,100 |
| Federal | 31,650 | 29,050 | 1,300 | 550 | 800 |
| Department of Defense | 16,350 | 16,000 | 150 | 150 | (1/) |
| State | 72,400 | 55,550 | 8,350 | 2,600 | 5,850 |
| Education (DOE & UH) | 48,100 | 38,500 | 4,950 | 1,500 | 3,150 |
| Local | 17,950 | 11,800 | 2,550 | 1,150 | 2,400 |
| Agriculture | 6,500 | 1,500 | 2,500 | 650 | 1,800 |

NA Not available.

1/ Fewer than 50.

Source: Hawaii State Department of Labor and Industrial Relations, State of Hawaii, Not Seasonally Adjusted Jobcount by Detailed Industry <<http://www.hiwi.org/article.asp?ARTICLEID=515&PAGEID=94&SUBID>> accessed March 28, 2008.

Table 12.14-- OCCUPATION: 2000

| Occupation | Number | Percent |
|---|---------------|----------------|
| Employed civilian population 16 years and over | 537,909 | 100.0 |
| Management, professional, and related occupations | 173,437 | 32.2 |
| Service occupations | 112,660 | 20.9 |
| Sales and office occupations | 151,025 | 28.1 |
| Farming, fishing, and forestry occupations | 6,909 | 1.3 |
| Construction, extraction, and maintenance occupations | 46,054 | 8.6 |
| Production, transportation, and material moving occupations | 47,824 | 8.9 |

Source: U.S. Census Bureau, Census 2000, Profile of General Economic Characteristics: 2000, Geographic area: Hawaii, table DP-3 <<http://www.hawaii.gov/dbedt/census2k/profile-state/04015.pdf>> accessed July 23, 2004.

Table 12.15-- EMPLOYMENT BY CLASS OF WORKER: 1940 TO 2000

[Persons 14 years and over through 1960; 16 years and over thereafter]

| Year | All employed civilians | Private wage and salary workers | Government workers | Self-employed workers 1/ | Unpaid family workers |
|------|------------------------|---------------------------------|--------------------|--------------------------|-----------------------|
| 1940 | 153,796 | 113,551 | 18,553 | 15,967 | 5,725 |
| 1950 | 167,571 | 111,036 | 34,400 | 19,192 | 2,943 |
| 1960 | 209,370 | 144,602 | 46,078 | 17,009 | 1,681 |
| 1970 | 285,556 | 200,912 | 70,547 | 12,832 | 1,265 |
| 1980 | 415,181 | 300,315 | 90,401 | 22,965 | 1,500 |
| 1990 | 529,059 | 385,061 | 107,777 | 34,291 | 1,930 |
| 2000 | 537,909 | 381,606 | 112,999 | 41,109 | 2,195 |

1/ In own not incorporated business.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960, General Social and Economic Characteristics, Hawaii*, Final Report PC (1)-13C (February 1962), table 56; *1970 Census of Population, General Social and Economic Characteristics, Hawaii*, PC(1)-C13 (December 1971), table 56; *1980 Census of Population, General Social and Economic Characteristics, Hawaii*, PC80-1-C-13 (June 1983), table 67; *1990 Census of Population, Social and Economic Characteristics, Hawaii*, 1990 CP-2-13 (September 1993), table 27; Census 2000, Table DP-3. Profile of Selected Economic Characteristics: 2000, Geographic area: Hawaii <<http://www.hawaii.gov/dbedt/census2k/profile-state/04015.pdf>> accessed July 23, 2004.

Table 12.16-- FULL- AND PART-TIME EMPLOYMENT, BY TYPE AND BY STATUS: 1969 TO 2006

[In number of jobs, full-time plus part-time, by place of work. Full-time and part-time jobs are counted at equal weight. Employees, sole proprietors, and active partners are included, but unpaid family workers and volunteers are not included. Proprietors employment consists of the number of sole proprietorships and the number of partners in partnerships]

| Year | Total | By type | | By status | |
|---------|---------|-----------------|-------------|-----------|----------|
| | | Wage and salary | Proprietors | Civilian | Military |
| 1969 | 415,912 | 368,900 | 47,012 | 346,309 | 69,603 |
| 1970 | 433,555 | 385,181 | 48,374 | 364,606 | 68,949 |
| 1971 | 436,830 | 389,108 | 47,722 | 371,244 | 65,586 |
| 1972 | 452,960 | 400,094 | 52,866 | 386,610 | 66,350 |
| 1973 | 473,087 | 418,518 | 54,569 | 402,547 | 70,540 |
| 1974 | 485,226 | 425,912 | 59,314 | 414,330 | 70,896 |
| 1975 | 499,203 | 434,443 | 64,760 | 427,061 | 72,142 |
| 1976 | 504,799 | 440,767 | 64,032 | 435,629 | 69,170 |
| 1977 | 509,265 | 448,947 | 60,318 | 442,869 | 66,396 |
| 1978 | 526,720 | 468,604 | 58,116 | 460,304 | 66,416 |
| 1979 | 556,274 | 488,216 | 68,058 | 491,170 | 65,104 |
| 1980 | 575,172 | 499,373 | 75,799 | 508,715 | 66,457 |
| 1981 | 569,091 | 497,864 | 71,227 | 506,147 | 62,944 |
| 1982 | 568,346 | 493,679 | 74,667 | 505,718 | 62,628 |
| 1983 | 578,803 | 503,830 | 74,973 | 512,940 | 65,863 |
| 1984 | 585,159 | 511,496 | 73,663 | 516,753 | 68,406 |
| 1985 | 601,526 | 525,185 | 76,341 | 532,622 | 68,904 |
| 1986 | 615,717 | 535,144 | 80,573 | 548,026 | 67,691 |
| 1987 | 647,271 | 559,118 | 88,153 | 578,209 | 69,062 |
| 1988 | 673,864 | 575,550 | 98,314 | 605,051 | 68,813 |
| 1989 | 702,226 | 602,977 | 99,249 | 633,756 | 68,470 |
| 1990 | 730,455 | 625,026 | 105,429 | 663,230 | 67,225 |
| 1991 | 751,385 | 635,381 | 116,004 | 683,901 | 67,484 |
| 1992 | 752,950 | 640,814 | 112,136 | 686,135 | 66,815 |
| 1993 | 748,657 | 632,457 | 116,200 | 684,201 | 64,456 |
| 1994 | 743,524 | 625,696 | 117,828 | 680,899 | 62,625 |
| 1995 | 739,952 | 617,601 | 122,351 | 681,314 | 58,638 |
| 1996 | 739,463 | 613,922 | 125,541 | 682,518 | 56,945 |
| 1997 | 740,028 | 613,342 | 126,686 | 683,510 | 56,518 |
| 1998 | 742,198 | 612,716 | 129,482 | 686,579 | 55,619 |
| 1999 | 742,096 | 614,920 | 127,176 | 688,811 | 53,285 |
| 2000 | 763,284 | 630,849 | 132,435 | 710,501 | 52,783 |
| 2001 | 767,161 | 635,362 | 131,799 | 712,500 | 54,661 |
| 2002 | 770,180 | 635,964 | 134,216 | 717,261 | 52,919 |
| 2003 1/ | 786,727 | 648,466 | 138,261 | 733,936 | 52,791 |
| 2004 1/ | 812,664 | 663,969 | 148,695 | 758,906 | 53,758 |
| 2005 1/ | 838,588 | 680,958 | 157,630 | 785,543 | 53,045 |
| 2006 | 864,393 | 697,360 | 167,033 | 810,030 | 54,363 |

1/ Revised from previous *Data Book*.

Source: U.S. Bureau of Economic Analysis, State Annual Personal Income, Income and employment tables by SIC industry, 1969-2001 (SA25) and Income and employment tables by NAICS industry, 2001-2006 (SA25N) <<http://www.bea.gov/bea/regional/spi/>> accessed September 26, 2007.

**Table 12.17-- CIVILIAN EMPLOYMENT, FULL- AND PART-TIME:
ANNUAL AVERAGE, 2001 TO 2003**

[Number in thousands]

| Year and population group | Total | Men | Women | 16 to 19 years (both sexes) |
|----------------------------------|--------------|------------|--------------|--|
| 2001 | | | | |
| Full- and part-time | 578 | 300 | 278 | 10 |
| Full-time Total | 468 | 257 | 211 | 8 |
| Full-time not at work | 19 | 8 | 11 | 16 |
| Part-time total | 110 | 43 | 67 | 2 |
| Economic reasons | 19 | 8 | 11 | 13 |
| Non- economic reasons | 83 | 33 | 50 | 1 |
| Not at work | 8 | 3 | 5 | 4 |
| 2002 | | | | |
| Full- and part-time | 557 | 285 | 272 | 17 |
| Full-time Total | 457 | 246 | 211 | 4 |
| Full-time not at work | 17 | 7 | 9 | (1/) |
| Part-time total | 100 | 39 | 61 | 13 |
| Economic reasons | 18 | 8 | 10 | (1/) |
| Non- economic reasons | 75 | 29 | 46 | 11 |
| Not at work | 7 | (1/) | 5 | (1/) |
| 2003 | | | | |
| Full- and part-time | 592 | 308 | 284 | 22 |
| Full-time Total | 487 | 266 | 221 | 5 |
| Full-time not at work | 17 | 8 | 9 | (1/) |
| Part-time total | 105 | 42 | 63 | 17 |
| Economic reasons | 18 | 9 | 9 | 2 |
| Non- economic reasons | 80 | 30 | 50 | 14 |
| Not at work | 6 | 2 | 4 | 1 |

1/ Data are not shown when the labor force base does not meet BLS publication standards of reliability.

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment 2003* (Bulletin 2591), table 16 <http://www.bls.gov/opub/gp/pdf/gp03_16.pdf> accessed March 14, 2008, and earlier reports; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 12.18-- OCCUPATION OF EMPLOYED CIVILIANS, BY SEX:
ANNUAL AVERAGE, 2002 AND 2003**

| Occupation | Both sexes | Men | Women |
|---|------------|-------|-------|
| 2002 | | | |
| All occupations (number employed in thousands) | 557 | 285 | 272 |
| Percent | 100.0 | 100.0 | 100.0 |
| Managerial and professional specialty | | | |
| Executive, administrative, and managerial | 15.2 | 15.9 | 14.6 |
| Professional specialty | 15.5 | 12.3 | 18.8 |
| Technical, sales, and administrative support | | | |
| Technicians and related support | 2.9 | 3.1 | 2.7 |
| Sales | 11.6 | 8.6 | 14.8 |
| Administrative support, including clerical | 14.2 | 5.9 | 22.9 |
| Service occupations | 18.3 | 17.5 | 19.1 |
| Precision production, craft, and repair | 9.3 | 17.3 | 1.0 |
| Operators, fabricators, and laborers | | | |
| Machine operators, assemblers, and inspectors | 1.6 | 1.5 | 1.7 |
| Transportation and material moving | 4.0 | 6.7 | 1.1 |
| Handlers, equipment cleaners, helpers, and laborers | 3.8 | 6.2 | 1.2 |
| Farming, forestry, and fishing | 3.6 | 5.0 | 2.2 |
| 2003 | | | |
| All occupations (number employed in thousands) | 592 | 308 | 284 |
| Percent | 100.0 | 100.0 | 100.0 |
| Management, professional, and related | | | |
| Management, business, and financial operations | 14.5 | 15.6 | 13.3 |
| Professional and related | 17.7 | 14.4 | 21.2 |
| Service | 21.3 | 21.3 | 21.3 |
| Sales and office | | | |
| Sales and related | 10.7 | 7.9 | 13.8 |
| Office and administrative support | 15.8 | 7.7 | 24.5 |
| Natural resources, construction, and maintenance | | | |
| Farming, fishing, and forestry | 1.2 | 1.2 | 1.1 |
| Construction and extraction | 5.9 | 11.0 | 0.3 |
| Installation, maintenance, and repair | 3.9 | 7.1 | 0.4 |
| Production, transportation, and material moving | | | |
| Production | 3.4 | 4.2 | 2.4 |
| Transportation and material moving | 5.8 | 9.5 | 1.8 |

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment, 2002* (Bulletin 2564 February 19, 2004), table 15 <http://stats.bls.gov/opub/gp/pdf/gp02_15.pdf> accessed March 31, 2004; and *Ibid, 2003*, (Bulletin 2591) table 18 <http://www.bls.gov/opub/gp/pdf/gp03_18.pdf> accessed March 14, 2008.

Table 12.19-- MULTIPLE JOBHOLDERS, NUMBERS AND PERCENT OF EMPLOYED FOR HAWAII AND PERCENT OF EMPLOYED FOR THE UNITED STATES: ANNUAL AVERAGE, 2000 TO 2006

[The employed count incorporates the March, 2005 redesign of the Cooperative Federal (U.S. Bureau of Labor Statistics) - State (Hawaii State Department of Labor & Industrial Relations) "Local Area Unemployment Statistics" (LAUS) program]

| Year | Hawaii | | | | United States |
|---------|---------------------------|---------------------|---------------------|---------|--|
| | Employed, 16 years & over | Multiple jobholders | | | Multiple jobholders as percent of employed |
| | | Number | Percent of employed | Rank 1/ | |
| 2000 | 584,900 | 54,400 | 9.3 | 4 | 5.6 |
| 2001 | 589,200 | 57,700 | 9.8 | 3 | 5.4 |
| 2002 2/ | 584,400 | 47,900 | 8.2 | 8 | 5.3 |
| 2003 2/ | 592,500 | 45,000 | 7.6 | 13 | 5.3 |
| 2004 2/ | 602,400 | 45,800 | 7.6 | 13 | 5.4 |
| 2005 2/ | 618,000 | 49,400 | 8.0 | 12 | 5.3 |
| 2006 | 631,600 | 50,500 | 8.0 | 12 | 5.2 |

1/ Rank among 50 states and the District of Columbia. Rank of 1 for highest percentage of multiple jobholders. Tied in 2005 with Idaho.

2/ Number of 'Employed' and 'Multiple jobholders' revised from previous *Data Book*.

Source: U.S. Bureau of Labor Statistics, Monthly Labor Review November 2006

<<http://www.bls.gov/opub/mlr/2006/11/rgtrends.htm>> accessed December 27, 2006; *ibid.* September 2007

<<http://www.bls.gov/opub/mlr/2007/09/rgtrends.pdf>> accessed February 29, 2008; and unpublished data from Current Population Survey microdata, supplied by the U.S. Bureau of Labor Statistics, and the Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office.

**Table 12.20-- WORKERS 16 YEARS AND OVER, BY PLACE OF RESIDENCE
AND PLACE OF WORK: APRIL 1, 2000**

| Place of residence | Place of work | | | | |
|-----------------------------------|---------------|-----------------------------------|------------------|-----------------|-------------------|
| | Total | City and County of Honolulu | Hawaii County | Kauai County | Maui County 1/ |
| Total | 562,982 | 411,890 | 63,233 | 26,138 | 61,721 |
| State of Hawaii | 559,548 | 409,125 | 62,937 | 26,077 | 61,409 |
| City and County of Honolulu | 409,348 | 407,722 | 734 | 192 | 700 |
| Hawaii County | 63,103 | 761 | 62,122 | 22 | 198 |
| Kauai County | 26,116 | 259 | 33 | 25,739 | 85 |
| Maui County 1/ | 60,981 | 383 | 48 | 124 | 60,426 |
| U.S. states (excluding Hawaii) 2/ | 3,434 | 2,765 | 296 | 61 | 312 |

1/ Includes Kalawao County.

2/ Persons who are residents of other states and work in Hawaii.

Source: U.S. Census Bureau, "Residence County to Workplace County Flows for Hawaii Sorted by Workplace State and County" <<http://www.census.gov/population/www/cen2000/commuting.html>> accessed March 7, 2003.

Table 12.21-- EMPLOYMENT AND WAGES: 1995 TO 2006

[Workers covered by the Hawaii Employment Security Law and Unemployment Compensation for Federal Employees classified by industry. Prior to 2001, industries were classified according to the Standard Industrial Classification and, after, to the North American Industry Classification System]

| Year | Number of reporting units, December 1/ | Average employment | Total wages (\$1,000) | Average annual wage (dollars) |
|--------------------|--|--------------------|-----------------------|-------------------------------|
| Total, incl. gov't | | | | |
| 1995 | 30,479 | 535,750 | 14,456,304 | 26,983 |
| 1996 | 31,254 | 533,310 | 14,591,094 | 27,359 |
| 1997 | 31,188 | 534,050 | 15,143,623 | 28,356 |
| 1998 | 31,259 | 534,140 | 15,505,321 | 29,029 |
| 1999 | 31,263 | 537,678 | 16,016,370 | 29,788 |
| 2000 | 33,560 | 552,955 | 16,935,897 | 30,628 |
| 2001 | 34,294 | 557,041 | 17,402,683 | 31,241 |
| 2002 | 34,679 | 558,494 | 18,245,223 | 32,669 |
| 2003 | 35,799 | 569,538 | 19,213,203 | 33,735 |
| 2004 | 34,067 | 585,292 | 20,596,784 | 35,191 |
| 2005 | 35,137 | 603,663 | 21,941,626 | 36,347 |
| 2006 | 35,606 | 618,403 | 23,365,721 | 37,784 |
| Total, excl. gov't | | | | |
| 1995 | 30,473 | 428,058 | 11,099,619 | 25,930 |
| 1996 | 31,248 | 426,936 | 11,256,765 | 26,366 |
| 1997 | 31,182 | 426,887 | 11,516,562 | 26,978 |
| 1998 | 31,253 | 426,255 | 11,790,625 | 27,661 |
| 1999 | 31,257 | 429,179 | 12,083,701 | 28,155 |
| 2000 | 33,554 | 443,221 | 12,932,829 | 29,179 |
| 2001 | 34,288 | 446,032 | 13,292,645 | 29,802 |
| 2002 | 34,673 | 444,376 | 13,750,473 | 30,943 |
| 2003 | 35,793 | 454,108 | 14,516,099 | 31,966 |
| 2004 | 34,061 | 468,923 | 15,744,363 | 33,576 |
| 2005 | 35,131 | 487,273 | 16,839,218 | 34,558 |
| 2006 | 35,600 | 500,651 | 17,973,930 | 35,901 |
| Private non-agr. | | | | |
| 1995 | 29,774 | 417,728 | 10,865,476 | 26,011 |
| 1996 | 30,548 | 416,873 | 11,032,864 | 26,466 |
| 1997 | 30,467 | 416,773 | 11,285,401 | 27,078 |
| 1998 | 30,531 | 415,620 | 11,547,237 | 27,783 |
| 1999 | 30,516 | 418,402 | 11,830,068 | 28,274 |
| 2000 | 32,725 | 432,185 | 12,659,300 | 29,291 |
| 2001 2/ | 33,838 | 438,283 | 13,105,583 | 29,902 |
| 2002 2/ | 34,225 | 436,743 | 13,561,708 | 31,052 |
| 2003 2/ | 35,337 | 446,437 | 14,322,498 | 32,082 |
| 2004 2/ | 29,527 | 416,080 | 13,531,745 | 32,522 |
| 2005 2/ | 34,678 | 479,673 | 16,635,943 | 34,682 |
| 2006 2/ | 35,155 | 493,338 | 17,766,787 | 36,013 |

1/ Beginning in 1986, includes employers reporting 1 or more employees at any time during the year, even if they reported no employees for December. Beginning in 1991, data were collected at the establishment (rather than county) level. Nonprofit employers and employers with zero employment are included.

2/ 'Total, excluding government' less 'Goods-producing, Code 11 - Agriculture, forestry, fishing and hunting'.

Source: Hawaii State Department of Labor and Industrial Relation *Employment and Payrolls in Hawaii* (annual) and records and <http://www.hiwi.org/admin/uploadedPublications/1804_ES2006.PDF> accessed November 30, 2007; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 12.22-- EMPLOYMENT AND WAGES, BY COUNTY: 2006

[Workers covered by the Hawaii Employment Security Law and Unemployment Compensation for Federal Employees classified by industry. Industries classified according to the North American Industry Classification System]

| County | Number of reporting units, December 1/ | Average employment | Total wages (\$1,000) | Average annual wage (dollars) |
|-----------------------------|---|---------------------------|------------------------------|--------------------------------------|
| Total, including government | | | | |
| State total | 35,606 | 618,403 | 23,365,721 | 37,784 |
| City and County of Honolulu | 24,113 | 450,215 | 17,560,973 | 39,006 |
| Hawaii County | 4,701 | 66,438 | 2,256,211 | 33,960 |
| Kauai County | 2,058 | 30,175 | 1,003,430 | 33,254 |
| Maui County | 4,740 | 71,575 | 2,545,107 | 35,559 |
| Total, excluding government | | | | |
| State total | 35,600 | 500,651 | 17,973,930 | 35,901 |
| City and County of Honolulu | 24,110 | 356,974 | 13,294,117 | 37,241 |
| Hawaii County | 4,698 | 54,933 | 1,729,745 | 31,488 |
| Kauai County | 2,055 | 25,963 | 807,636 | 31,107 |
| Maui County | 4,737 | 62,781 | 2,142,433 | 34,126 |

1/ Nonprofit employers and employers with zero employment are included.

Source: Hawaii State Department of Labor and Industrial Relations, *2006 Employment and Payrolls in Hawaii* (October 2007) <http://www.hiwi.org/admin/uploadedPublications/1804_ES2006.PDF> accessed November 30, 2007.

Table 12.23-- EMPLOYMENT AND WAGES, BY NAICS INDUSTRY: 2006

[Workers covered by the Hawaii Employment Security Law and Unemployment Compensation for Federal Employees Classified by Industry. Industries classified according to the North American Industry Classification System (NAICS)]

| NAICS code | Industry | Number of reporting units, Dec. 1/ | Average employment | Total wages (\$1,000) | Average annual wage (dollars) |
|------------|--|------------------------------------|--------------------|-----------------------|-------------------------------|
| | Total, including government | 35,606 | 618,403 | 23,365,721 | 37,784 |
| | Government | 6 | 117,752 | 5,391,791 | 45,789 |
| | Federal | 1 | 31,879 | 1,838,169 | 57,661 |
| | State | 1 | 68,404 | 2,710,223 | 39,621 |
| | County | 4 | 17,470 | 843,399 | 48,277 |
| | Total, excluding government | 35,600 | 500,651 | 17,973,930 | 35,901 |
| 11 | Agriculture, forestry, fishing and hunting | 445 | 7,313 | 207,143 | 28,325 |
| 21 | Mining | 10 | 285 | 24,653 | 86,503 |
| 22 | Utilities | 64 | 2,931 | 220,292 | 75,159 |
| 23 | Construction | 3,245 | 35,730 | 2,015,638 | 56,413 |
| 31-33 | Manufacturing | 1,068 | 15,155 | 542,022 | 35,765 |
| 311 | Food manufacturing | 319 | 6,312 | 175,596 | 27,819 |
| 315 | Apparel manufacturing | 76 | 832 | 15,831 | 19,028 |
| 42 | Wholesale trade | 2,120 | 17,953 | 808,116 | 45,013 |
| 44-45 | Retail trade | 4,656 | 70,001 | 1,818,667 | 25,981 |
| 48-49 | Transportation and warehousing | 969 | 29,837 | 1,068,156 | 35,800 |
| 487 | Scenic & sightseeing trans. | 211 | 3,502 | 97,545 | 27,854 |
| 51 | Information | 653 | 10,708 | 568,816 | 53,121 |
| 52 | Finance and insurance | 1,730 | 16,898 | 949,677 | 56,201 |
| 53 | Real estate, rental & leasing | 1,963 | 13,029 | 524,533 | 40,259 |
| 54 | Prof. and tech. services | 3,895 | 24,131 | 1,393,962 | 57,766 |
| 55 | Mgt of companies & enterprises | 460 | 7,515 | 525,091 | 69,872 |
| 56 | Admin. and waste services | 2,165 | 46,675 | 1,261,269 | 27,022 |
| 61 | Educational services | 594 | 12,854 | 409,645 | 31,869 |
| 62 | Health care and soc. assist. | 3,372 | 56,854 | 2,310,557 | 40,640 |
| 621 | Amb. health care services | 2,579 | 22,859 | 1,124,633 | 49,199 |
| 622 | Hospitals | 21 | 13,896 | 710,246 | 51,112 |
| 623 | Nursing and resid. care fac. | 128 | 6,675 | 192,295 | 28,808 |
| 624 | Social assistance | 644 | 13,425 | 283,384 | 21,109 |
| 71 | Arts, entertain., and recrea. | 520 | 11,521 | 267,498 | 23,218 |
| 72 | Accom. and food services | 3,489 | 96,346 | 2,377,280 | 24,674 |
| 81 | Other serv., exc. public adm. | 3,659 | 24,705 | 670,199 | 27,128 |
| 99 | Unclassified | 523 | 212 | 10,715 | 50,544 |

1/ Nonprofit employers and employers with zero employment are included.

Source: Hawaii State Department of Labor and Industrial Relations, *2006 Employment and Payrolls in Hawaii* <http://www.hiwi.org/admin/uploadedPublications/1804_ES2006.PDF> accessed November 30, 2007.

**Table 12.24-- AVERAGE ANNUAL WAGE IN CURRENT AND
CONSTANT DOLLARS: 1969 TO 2006**

[For Employees Covered by the Hawaii Employment Security Law and Unemployment
Compensation for Federal Employees. Including government]

| Year | Current dollars | 1982-1984 dollars 1/ | Year | Current dollars | 1982-1984 dollars 1/ |
|------|-----------------|----------------------|------|-----------------|----------------------|
| 1969 | 6,876 | 17,452 | 1988 | 20,454 | 16,807 |
| 1970 | 7,424 | 17,889 | 1989 | 21,635 | 16,810 |
| 1971 | 7,677 | 17,771 | 1990 | 23,109 | 16,734 |
| 1972 | 7,989 | 17,913 | 1991 | 24,051 | 16,251 |
| 1973 | 8,479 | 18,195 | 1992 | 25,532 | 16,462 |
| 1974 | 9,087 | 17,645 | 1993 | 26,544 | 16,580 |
| 1975 | 9,767 | 17,348 | 1994 | 26,718 | 16,242 |
| 1976 | 10,347 | 17,508 | 1995 | 26,983 | 16,052 |
| 1977 | 10,903 | 17,557 | 1996 | 27,359 | 16,028 |
| 1978 | 11,630 | 17,384 | 1997 | 28,356 | 16,496 |
| 1979 | 12,429 | 16,728 | 1998 | 29,029 | 16,927 |
| 1980 | 13,548 | 16,323 | 1999 | 29,788 | 17,189 |
| 1981 | 14,471 | 15,781 | 2000 | 30,628 | 17,373 |
| 1982 | 15,367 | 15,810 | 2001 | 31,241 | 17,512 |
| 1983 | 16,115 | 16,229 | 2002 | 32,669 | 18,119 |
| 1984 | 16,714 | 16,149 | 2003 | 33,735 | 18,285 |
| 1985 | 17,335 | 16,231 | 2004 | 35,191 | 18,463 |
| 1986 | 18,069 | 16,516 | 2005 | 36,347 | 18,376 |
| 1987 | 19,060 | 16,588 | 2006 | 37,784 | 18,044 |

1/ Current dollars deflated by the Consumer Price Index (CPI-U), All Items for Honolulu.

Source: Hawaii State Department of Labor and Industrial Relations, *Employment and Payrolls in Hawaii* (annual) and 1985-1989 <http://www.hiwi.org/admin/uploadedPublications/659_ES8500.txt> and 1990-2006 <<http://www.hiwi.org/article.asp?ARTICLEID=515&PAGEID=94&SUBID=>> accessed November 30, 2007; Hawaii State Department of Business, Economic Development & Tourism, *The Honolulu Consumer Price Index, 1940-1986* (Statistical Report 187, May 30, 1986), as shifted to 1982-1984 base. 1987-2006: U.S. Bureau of Labor Statistics, Honolulu Consumer Price Index, All Items, 1982-84=100 for All Urban Consumers (CPI-U), February 21, 2007 <<http://www.bls.gov/ro9/9225.pdf>> accessed November 30, 2007; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 12.25-- AVERAGE ANNUAL WAGE, IN CURRENT AND
CONSTANT DOLLARS, BY SELECTED INDUSTRY: 1996 AND 2006**

[Workers covered by the Hawaii Employment Security Law and Unemployment Compensation for Federal Employees classified by industry. Prior to 2001, industries classified according to the Standard Industrial Classification and, subsequently, to the North American Industrial Classification System]

| Industry | 1996 1/ | 2006 2/ | | Percent change, 1996-2006 4/ | |
|----------------|---------|-----------------|-----------------|------------------------------|-----------------|
| | | Current dollars | 1996 dollars 3/ | Current dollars | 1996 dollars 3/ |
| All industries | 27,359 | 37,784 | 30,801 | 38.1 | 12.6 |
| Federal | 34,257 | 57,661 | 47,004 | 68.3 | 37.2 |
| State | 28,794 | 39,621 | 32,298 | 37.6 | 12.2 |
| County | 34,829 | 48,277 | 39,355 | 38.6 | 13.0 |
| Private | 26,366 | 35,901 | 29,266 | 36.2 | 11.0 |

1/ According to the Standard Industrial Classification Code.

2/ According to the North American Industrial Classification System.

3/ Current dollars deflated by the Consumer Price Index (CPI-U) All Items for Honolulu, base shifted to 1996 = 100.

4/ The Consumer Price Index-All Urban Consumers (CPI-U) Honolulu, All Items increased 15.9 percent from 1996 to 2006.

Source: Hawaii State Department of Labor and Industrial Relations, *1996 and 2006 Employment and Payrolls in Hawaii* <<http://www.hiwi.org/article.asp?ARTICLEID=613&PAGEID=94&SUBID>> accessed November 30, 2007; U.S. Bureau of Labor Statistics, Honolulu Consumer Price Index, All Items, 1982-84=100 for All Urban Consumers (CPI-U), February 21, 2007 <<http://www.bls.gov/ro9/9225.pdf>> accessed February 21, 2007; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 12.26-- REPORTING UNITS AND EMPLOYMENT, BY SIZE OF FIRM: DECEMBER 2006

[Excluding government]

| County | Subject 1/ Reporting units Employment | All units | Size of firm | | | | | | |
|--------------------------------|---|--------------|--------------|--------|----------|----------|----------|------------|----------------|
| | | | 0 to 4 | 5 to 9 | 10 to 19 | 20 to 49 | 50 to 99 | 100 to 249 | 250 or more |
| State total | Reporting units | 35,600 | 19,603 | 6,685 | 4,505 | 2,956 | 1,089 | 544 | 218 |
| | Employment | 511,508 | 32,457 | 44,284 | 60,631 | 89,699 | 74,706 | 81,405 | 128,326 |
| City and County of Honolulu | Reporting units | 24,110 | 13,408 | 4,355 | 2,994 | 2,004 | 801 | 399 | 149 |
| | Employment | 364,837 | 21,968 | 28,787 | 40,498 | 60,829 | 55,195 | 60,254 | 97,306 |
| Hawaii County | Reporting units | 4,698 | 2,550 | 958 | 618 | 385 | 109 | 53 | 25 |
| | Employment | 56,223 | 4,144 | 6,371 | 8,188 | 11,566 | 7,403 | 7,748 | 10,803 |
| Maui County | Reporting units | 4,737 | 2,564 | 942 | 623 | 388 | 120 | 65 | 35 |
| | Employment | 63,979 | 4,444 | 6,270 | 8,297 | 11,695 | 8,212 | 9,570 | 15,491 |
| Kauai County | Reporting units | 2,055 | 1,081 | 430 | 270 | 179 | 59 | 27 | 9 |
| | Employment | 26,469 | 1,901 | 2,856 | 3,648 | 5,609 | 3,896 | 3,833 | 4,726 |

1/ Multi-establishment employers are counted for each worksite reported, except for the construction industry, which reports separately only for major projects. Some worksites are further distributed by industrial classification.

Source: Hawaii State Department of Labor and Industrial Relations, *2006 Employment and Payrolls in Hawaii* (October 2007)
http://www.hiwi.org/admin/uploadedPublications/1804_ES2006.PDF accessed November 30, 2007.

**Table 12.27-- ANNUAL AVERAGE WAGES, TOTAL AND PRIVATE
INDUSTRY: 1990 TO 2006**

[Based on data submitted by employers subject to State unemployment insurance (UI) laws, and by Federal agencies subject to the Unemployment Compensation for Federal Employees (UCFE) program. Data are final]

| Year | Annual average wages (dollars) | | Hawaii as percent of U.S | | Rank 1/ | |
|------|--------------------------------|--------------|--------------------------|--------------|---------|--------------|
| | Total | Private only | Total | Private only | Total | Private only |
| 1990 | 23,167 | 22,244 | 98.2 | 95.6 | 13 | 18 |
| 1991 | 24,104 | 23,176 | 98.1 | 95.9 | 13 | 19 |
| 1992 | 25,613 | 24,585 | 98.9 | 96.2 | 13 | 19 |
| 1993 | 26,325 | 25,312 | 99.9 | 97.6 | 12 | 16 |
| 1994 | 26,746 | 25,647 | 99.3 | 96.8 | 13 | 17 |
| 1995 | 26,977 | 25,913 | 96.9 | 94.4 | 16 | 21 |
| 1996 | 27,352 | 26,371 | 94.4 | 92.3 | 22 | 23 |
| 1997 | 28,357 | 26,979 | 93.4 | 89.7 | 24 | 28 |
| 1998 | 29,036 | 27,672 | 90.9 | 87.1 | 26 | 30 |
| 1999 | 29,794 | 28,163 | 89.4 | 84.7 | 27 | 32 |
| 2000 | 30,628 | 29,179 | 86.7 | 82.6 | 29 | 32 |
| 2001 | 31,253 | 29,816 | 86.3 | 82.5 | 31 | 34 |
| 2002 | 32,671 | 30,947 | 88.9 | 84.7 | 27 | 32 |
| 2003 | 33,742 | 31,974 | 89.3 | 85.2 | 26 | 31 |
| 2004 | 35,198 | 33,583 | 89.4 | 85.8 | 25 | 31 |
| 2005 | 36,353 | 34,564 | 89.4 | 85.3 | 26 | 31 |
| 2006 | 37,799 | 35,909 | 88.9 | 84.7 | 26 | 34 |

1/ Rank of 1 indicates the highest annual wages per employee. District of Columbia is included.

Source: U.S. Bureau of Labor Statistics, *Employment and Wages, Annual Averages* (annual), tables 5, 6 and 10; and for 1997-2006 <<http://www.bls.gov/cew/>> accessed April 3, 2008 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 12.28-- WORKERS, EARNINGS AND HOURS IN SPECIFIED INDUSTRIES: ANNUAL AVERAGE, 2003 TO 2007

[2006 and 2007 data have been benchmarked. Number of production workers rounded to nearest 50]

| Subject | 2003 | 2004 | 2005 | 2006 | 2007 |
|--|----------|----------|----------|----------|----------|
| Production workers 1/ | | | | | |
| Natural resources, mining and construction | 20,700 | 21,900 | 25,250 | 27,700 | 29,700 |
| Manufacturing | 10,050 | 10,700 | 11,050 | 11,400 | 10,600 |
| Trade, transportation and utilities | 89,000 | 92,600 | 97,350 | 99,500 | 99,000 |
| Wholesale trade | 13,450 | 13,400 | 14,350 | 14,600 | 14,800 |
| Retail trade | 54,850 | 57,300 | 59,150 | 60,100 | 60,000 |
| Information | 7,950 | 9,250 | 9,150 | (2/) | (2/) |
| Financial activities | 20,850 | 21,850 | 22,400 | 23,200 | 23,500 |
| Accommodation and food services | 78,150 | 81,700 | 84,050 | 85,300 | 85,400 |
| Accommodation | 32,600 | 33,450 | 34,450 | 34,300 | 33,300 |
| Food services and drinking places | 45,550 | 48,250 | 49,550 | 51,000 | 51,000 |
| Average weekly earnings (dollars) | | | | | |
| Natural resources, mining and construction | 1,020.96 | 1,040.90 | 1,076.79 | 1,081.24 | 1,083.14 |
| Manufacturing | 479.88 | 511.65 | 550.66 | 613.35 | 636.34 |
| Trade, transportation and utilities | 437.92 | 457.56 | 471.53 | 491.18 | 506.19 |
| Wholesale trade | 551.80 | 585.23 | 548.24 | 579.49 | 695.47 |
| Retail trade | 346.63 | 351.36 | 357.01 | 374.22 | 400.45 |
| Information | 662.99 | 639.16 | 685.58 | (2/) | (2/) |
| Financial activities | 553.36 | 573.48 | 602.01 | 597.51 | 661.98 |
| Accommodation and food services | 313.88 | 326.87 | 342.29 | 373.82 | 397.90 |
| Accommodation | 465.21 | 484.18 | 492.91 | 550.28 | 592.68 |
| Food services and drinking places | 205.56 | 217.71 | 237.30 | 255.53 | 255.53 |
| Average weekly hours | | | | | |
| Natural resources, mining and construction | 36.0 | 36.6 | 39.0 | 37.7 | 35.7 |
| Manufacturing | 37.2 | 37.9 | 38.4 | 38.6 | 37.3 |
| Trade, transportation and utilities | 32.2 | 32.8 | 33.3 | 33.3 | 33.5 |
| Wholesale trade | 35.6 | 36.9 | 35.6 | 36.7 | 37.9 |
| Retail trade | 31.2 | 30.5 | 29.9 | 29.7 | 30.2 |
| Information | 33.4 | 33.1 | 32.6 | (2/) | (2/) |
| Financial activities | 34.2 | 35.4 | 36.2 | 34.3 | 34.0 |
| Accommodation and food services | 28.0 | 28.3 | 28.5 | 28.8 | 28.2 |
| Accommodation | 32.9 | 33.6 | 33.6 | 34.2 | 33.0 |
| Food services and drinking places | 24.5 | 24.6 | 24.9 | 25.2 | 25.2 |

Continued on next page.

Table 12.28-- WORKERS, EARNINGS AND HOURS IN SPECIFIED INDUSTRIES: ANNUAL AVERAGE, 2003 TO 2007 -- Con.

| Subject | 2003 | 2004 | 2005 | 2006 | 2007 |
|--|-------|-------|-------|-------|-------|
| Average hourly earnings (dollars) | | | | | |
| Natural resources, mining and construction | 28.36 | 28.44 | 27.61 | 28.68 | 30.34 |
| Manufacturing | 12.90 | 13.50 | 14.34 | 15.89 | 17.06 |
| Trade, transportation and utilities | 13.60 | 13.95 | 14.16 | 14.75 | 15.11 |
| Wholesale trade | 15.50 | 15.86 | 15.40 | 15.79 | 18.35 |
| Retail trade | 11.11 | 11.52 | 11.94 | 12.60 | 13.26 |
| Information | 19.85 | 19.31 | 21.03 | (2/) | (2/) |
| Financial activities | 16.18 | 16.20 | 16.63 | 17.42 | 19.47 |
| Accommodation and food services | 11.21 | 11.55 | 12.01 | 12.98 | 14.11 |
| Accommodation | 14.14 | 14.41 | 14.67 | 16.09 | 17.96 |
| Food services and drinking places | 8.39 | 8.85 | 9.53 | 10.14 | 10.14 |

1/ Data for 2006 have been revised from previous *Data Book*.

2/ Data for State and Honolulu MSA are no longer available beginning with 2006.

Source: Hawaii State Department of Labor and Industrial Relations, "Production Worker Hours & Earnings, Annual Average and Monthly data from 2001"

<<http://www.hiwi.org/article.asp?ARTICLEID=1848&PAGEID=94&SUBID=>> accessed March 11, 2008.

Table 12.29-- AVERAGE HOURLY PAY RATES FOR SELECTED JOB CLASSIFICATIONS IN PRIVATE INDUSTRY: 2001 TO 2007

[In dollars. Wage data are weighted averages and cover regular full-time and part-time employees. These 14 job titles are meant to be only illustrative of those reported. The survey was conducted in July and covered 90 jobs for the 2001 through 2006 reports and in June through August and 91 jobs respectively for the 2007]

| Job classification | Job code | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|----------------------------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Clerk, entry level | 43.03 | 10.27 | 9.97 | 10.69 | 11.33 | 10.84 | 11.15 | 11.25 |
| Secretary | 43.06 | 14.46 | 14.70 | 15.19 | 14.97 | 15.80 | 16.02 | 16.39 |
| Communications operator 1/ | 43.10 | 13.00 | 13.31 | 13.89 | 12.99 | 15.26 | 14.79 | 15.44 |
| Bookkeeper, full-charge | 46.06 | 17.38 | 17.20 | 17.41 | 17.67 | 18.10 | 19.13 | 18.00 |
| Cashier | 46.07 | 13.39 | 13.63 | 13.87 | 14.72 | 14.91 | 15.48 | 16.26 |
| Engineering drafting tech. | 47.01 | 21.41 | 24.63 | 23.51 | 26.38 | 28.14 | 21.86 | 27.35 |
| Housekeeper | 48.01 | 11.79 | 12.11 | 12.63 | 12.40 | 13.07 | 13.60 | 13.82 |
| Cook, general | 48.09 | 14.84 | 15.20 | 15.64 | 15.51 | 15.48 | 17.15 | 16.08 |
| Wait help | 48.13 | 6.20 | 6.38 | 6.62 | 6.94 | 6.85 | 7.57 | 8.50 |
| Laborer, light | 50.06 | 11.21 | 12.23 | 11.86 | 11.60 | 9.55 | 10.87 | 10.12 |
| Carpenter, maintenance | 50.12 | 18.60 | 17.90 | 18.14 | 19.45 | 20.61 | 21.35 | 23.12 |
| Electrician, maintenance | 50.15 | 21.50 | 22.76 | 21.53 | 23.11 | 24.13 | 24.33 | 29.68 |
| Automotive mechanic | 50.19 | 18.56 | 18.02 | 19.80 | 19.81 | 23.47 | 24.55 | 23.71 |
| Truck driver (trailer) | 51.05 | 14.64 | 16.67 | 14.16 | 14.07 | 15.79 | 17.43 | 17.26 |

1/ Prior to 2003, this category, job code 43.10, was "Switchboard operator".

Source: Hawaii Employers Council, *Pay Rates in Hawaii* (annual).

Table 12.30-- AVERAGE HOURLY PAY RATES FOR SELECTED JOB CLASSIFICATIONS IN PRIVATE INDUSTRY, BY COUNTY: 2007

[In dollars. Wage data are weighted averages, as of the June through August survey period and cover regular full-time and part-time employees. The 14 job titles are meant to be only illustrative of the 91 reported]

| Job classification | Job code | State | Kauai County | City & County of Honolulu | Maui County | Hawaii County |
|---------------------------------|-----------------|--------------|---------------------|--------------------------------------|--------------------|----------------------|
| Clerk, entry level | 43.03 | 11.25 | (1/) | 11.17 | (1/) | (1/) |
| Secretary | 43.06 | 16.39 | 14.23 | 16.52 | 15.97 | 15.65 |
| Communications operator 2/ | 43.10 | 15.44 | (1/) | 15.42 | (1/) | (1/) |
| Bookkeeper, full-charge | 46.06 | 18.00 | (1/) | 17.74 | (1/) | 19.37 |
| Cashier | 46.07 | 16.26 | (1/) | 15.57 | 16.26 | 18.12 |
| Engineering drafting technician | 47.01 | 27.35 | (1/) | 28.02 | (1/) | (1/) |
| Housekeeper | 48.01 | 13.82 | (1/) | 13.93 | 13.65 | (1/) |
| Cook, general | 48.09 | 16.08 | (1/) | 16.58 | 15.96 | 15.17 |
| Wait help | 48.13 | 8.50 | (1/) | 8.79 | 7.28 | (1/) |
| Laborer, light | 50.06 | 10.12 | (1/) | 10.25 | (1/) | (1/) |
| Carpenter, maintenance | 50.12 | 23.12 | (1/) | 23.07 | (1/) | (1/) |
| Electrician, maintenance | 50.15 | 29.68 | (1/) | 28.85 | (1/) | (1/) |
| Automotive mechanic | 50.19 | 23.71 | (1/) | 24.10 | (1/) | (1/) |
| Truck driver (trailer) | 51.05 | 17.26 | (1/) | 17.33 | (1/) | (1/) |

1/ Not disclosed. Jobs reported by fewer than three facilities or fewer than eight employees reported.

2/ Prior to 2003, this category, job code 43.10, was "Switchboard operator".

Source: Hawaii Employers Council, *Pay Rates in Hawaii* (Research Report Number 4174, October 2007).

Table 12.31-- EMPLOYMENT AND WAGES OF HAWAII'S 25 LARGEST OCCUPATIONS: MAY 2007

[In descending order by employment. Self-employed are excluded. Due to budget constraints in the Occupational Employment Statistics program, BLS returned to publishing OES data only once a year beginning with the release of May 2005 estimates, i.e. there was no November 2006]

| SOC Code 1/ | Occupation title | Employment | Mean wage in dollars | |
|-------------|--|------------|----------------------|-----------|
| | | | Hourly | Annual 2/ |
| 41-2031 | Retail salespersons | 26,880 | 11.75 | 24,440 |
| 35-3031 | Waiters and waitresses | 16,370 | 12.07 | 25,100 |
| 43-9061 | Office clerks, general | 15,860 | 12.59 | 26,180 |
| 41-2011 | Cashiers | 13,280 | 9.93 | 20,650 |
| 37-2011 | Janitors and cleaners, except maids and housekeeping cleaners | 11,520 | 11.42 | 23,760 |
| 37-2012 | Maids and housekeeping cleaners | 10,760 | 13.17 | 27,390 |
| 29-1111 | Registered nurses | 9,620 | 35.68 | 74,220 |
| 33-9032 | Security guards | 9,410 | 12.22 | 25,410 |
| 35-3021 | Combined food preparation and serving workers, including fast food | 9,270 | 9.09 | 18,910 |
| 43-3031 | Bookkeeping, accounting, and auditing clerks | 8,850 | 16.10 | 33,480 |
| 11-1021 | General and operations managers | 8,480 | 45.60 | 94,850 |
| 37-3011 | Landscaping and groundskeeping workers | 8,210 | 13.63 | 28,350 |
| 53-7062 | Laborers and freight, stock, and material movers, hand | 7,730 | 13.80 | 28,710 |
| 43-1011 | First-line supervisors/managers of office and administrative support workers | 7,610 | 22.38 | 46,540 |
| 43-6014 | Secretaries, except legal, medical, and executive | 7,160 | 15.91 | 33,100 |
| 43-5081 | Stock clerks and order fillers | 7,110 | 11.64 | 24,200 |
| 35-2021 | Food preparation workers | 7,090 | 10.27 | 21,360 |
| 49-9042 | Maintenance and repair workers, general | 6,820 | 17.51 | 36,430 |
| 43-4051 | Customer service representatives | 6,760 | 14.82 | 30,820 |
| 25-2031 | Secondary school teachers, except special and vocational education | 6,680 | (3/) | 52,330 |
| 35-2014 | Cooks, restaurant | 6,450 | 13.27 | 27,590 |
| 41-1011 | First-line supervisors/managers of retail sales workers | 6,400 | 19.59 | 40,750 |
| 47-2031 | Carpenters | 6,370 | 27.57 | 57,350 |
| 25-2021 | Elementary school teachers, except special education | 6,280 | (3/) | 45,420 |
| 47-2061 | Construction laborers | 5,620 | 21.28 | 44,270 |

1/ Standard Occupational Classification (SOC) system.

2/ Annual wages have been calculated by multiplying the hourly mean wage by a "year-round, full-time" hours figure of 2,080 hours; for those occupations where there is not an hourly mean wage published, the annual wage has been directly calculated from the reported survey data.

3/ Hourly wage rates for occupations where workers typically work fewer than 2,080 hours per year are not available.

Source: U.S. Bureau of Labor Statistics, Occupational Employment Statistics, "May 2007 State Occupational Employment and Wage Estimates Hawaii" <http://www.bls.gov/oes/current/oes_hi.htm> accessed May 21, 2008.

Table 12.32-- EMPLOYMENT AND WAGES OF HONOLULU METROPOLITAN STATISTICAL AREA'S 25 LARGEST OCCUPATIONS: MAY 2007

[In descending order by employment. Self-employed are excluded. Due to budget constraints in the Occupational Employment Statistics program, BLS returned to publishing OES data only once a year beginning with the release of May 2005 estimates, i.e. there was no November 2006]

| SOC Code 1/ | Occupation title | Employment | Mean wage in dollars | |
|-------------|--|------------|----------------------|-----------|
| | | | Hourly | Annual 2/ |
| 41-2031 | Retail salespersons | 18,850 | 11.30 | 23,510 |
| 43-9061 | Office clerks, general | 11,670 | 12.53 | 26,060 |
| 35-3031 | Waiters and waitresses | 10,160 | 11.52 | 23,950 |
| 37-2011 | Janitors and cleaners, except maids and housekeeping cleaners | 8,390 | 10.93 | 22,740 |
| 41-2011 | Cashiers | 8,290 | 9.69 | 20,160 |
| 33-9032 | Security guards | 7,530 | 11.95 | 24,850 |
| 29-1111 | Registered nurses | 7,450 | 36.37 | 75,650 |
| 35-3021 | Combined food preparation and serving workers, including fast food | 6,560 | 8.84 | 18,390 |
| 43-3031 | Bookkeeping, accounting, and auditing clerks | 6,390 | 16.26 | 33,820 |
| 11-1021 | General and operations managers | 6,280 | 47.72 | 99,260 |
| 53-7062 | Laborers and freight, stock, and material movers, hand | 5,610 | 14.16 | 29,440 |
| 43-4051 | Customer service representatives | 5,470 | 14.89 | 30,970 |
| 43-1011 | First-line supervisors/managers of office and administrative support workers | 5,460 | 22.99 | 47,830 |
| 43-6014 | Secretaries, except legal, medical, and executive | 5,320 | 15.78 | 32,820 |
| 37-2012 | Maids and housekeeping cleaners | 5,300 | 12.57 | 26,150 |
| 43-5081 | Stock clerks and order fillers | 5,000 | 11.59 | 24,100 |
| 35-2021 | Food preparation workers | 4,590 | 9.52 | 19,800 |
| 47-2031 | Carpenters | 4,380 | 27.91 | 58,050 |
| 41-4012 | Sales representatives, wholesale and manufacturing, except technical and scientific products | 4,270 | 22.30 | 46,380 |
| 43-4181 | Reservation and transportation ticket agents and travel clerks | 4,270 | 14.83 | 30,840 |
| 37-3011 | Landscaping and groundskeeping workers | 4,240 | 13.43 | 27,930 |
| 49-9042 | Maintenance and repair workers, general | 4,200 | 17.39 | 36,170 |
| 13-1199 | Business operations specialists, all other | 4,130 | 27.07 | 56,310 |
| 13-2011 | Accountants and auditors | 4,130 | 24.95 | 51,890 |
| 41-1011 | First-line supervisors/managers of retail sales workers | 4,050 | 19.39 | 40,320 |

1/ Standard Occupational Classification (SOC) system.

2/ Annual wages have been calculated by multiplying the hourly mean wage by a "year-round, full-time" hours figure of 2,080 hours; for those occupations where there is not an hourly mean wage published, the annual wage has been directly calculated from the reported survey data.

Source: U.S. Bureau of Labor Statistics, Occupational Employment Statistics, "May 2007 Metropolitan Area Occupational Employment and Wage Estimates Honolulu, HI MSA" <http://www.bls.gov/oes/current/oes_26180.htm> accessed May 21, 2008.

**Table 12.33-- EMPLOYMENT AND WAGES OF HAWAII-MAUI-KAUAI
NONMETROPOLITAN STATISTICAL AREA'S 25 LARGEST
OCCUPATIONS: MAY 2007**

[In descending order by employment. Self-employed are excluded]

| SOC Code 1/ | Occupation title | Employ- ment | Mean wage in dollars | |
|----------------|--|-----------------|----------------------|-----------|
| | | | Hourly | Annual 2/ |
| 41-2031 | Retail salespersons | 8,020 | 12.80 | 26,630 |
| 35-3031 | Waiters and waitresses | 6,210 | 12.96 | 26,970 |
| 37-2012 | Maids and housekeeping cleaners | 5,460 | 13.74 | 28,590 |
| 41-2011 | Cashiers | 4,950 | 10.33 | 21,480 |
| 43-9061 | Office clerks, general | 4,180 | 12.75 | 26,520 |
| 37-3011 | Landscaping and groundskeeping workers | 3,970 | 13.85 | 28,800 |
| 25-2021 | Elementary school teachers, except special education | 3,800 | (3/) | 48,680 |
| 25-2031 | Secondary school teachers, except special and vocational education | 3,370 | (3/) | 49,310 |
| 37-2011 | Janitors and cleaners, except maids and housekeeping cleaners | 3,130 | 12.73 | 26,480 |
| 35-3021 | Combined food preparation and serving workers, including fast food | 2,710 | 9.69 | 20,150 |
| 35-2014 | Cooks, restaurant | 2,700 | 14.17 | 29,470 |
| 49-9042 | Maintenance and repair workers, general | 2,620 | 17.71 | 36,850 |
| 47-2061 | Construction laborers | 2,600 | 20.59 | 42,830 |
| 35-2021 | Food preparation workers | 2,510 | 11.63 | 24,190 |
| 43-3031 | Bookkeeping, accounting, and auditing clerks | 2,470 | 15.67 | 32,600 |
| 41-1011 | First-line supervisors/managers of retail sales workers | 2,330 | 19.94 | 41,480 |
| 11-1021 | General and operations managers | 2,200 | 39.54 | 82,230 |
| 29-1111 | Registered nurses | 2,170 | 33.32 | 69,310 |
| 43-1011 | First-line supervisors/managers of office and administrative support workers | 2,150 | 20.81 | 43,290 |
| 53-7062 | Laborers and freight, stock, and material movers, hand | 2,120 | 12.87 | 26,760 |
| 43-5081 | Stock clerks and order fillers | 2,100 | 11.75 | 24,450 |
| 47-2031 | Carpenters | 2,000 | 26.83 | 55,810 |
| 33-9032 | Security guards | 1,870 | 13.30 | 27,670 |
| 43-6014 | Secretaries, except legal, medical, and executive | 1,840 | 16.30 | 33,910 |
| 35-1012 | First-line supervisors/managers of food preparation and serving workers | 1,730 | 17.10 | 35,560 |

1/ Standard Occupational Classification (SOC) system.

2/ Annual wages have been calculated by multiplying the hourly mean wage by a "year-round, full-time" hours figure of 2,080 hours; for those occupations where there is not an hourly mean wage published, the annual wage has been directly calculated from the reported survey data.

3/ Hourly wage rates for occupations where workers typically work fewer than 2,080 hours per year are not available.

Source: U.S. Bureau of Labor Statistics, Occupational Employment Statistics, "May 2007 Nonmetropolitan Area Occupational Employment and Wage Estimates, Hawaii / Maui / Kauai nonmetropolitan area" <http://www.bls.gov/oes/current/oes_1500001.htm> accessed May 21, 2008.

Table 12.34-- TOP METROPOLITAN AREAS FOR EMPLOYMENT: 2006

[The lower the rank the more favorable the job search. Based on U.S. government data supplied by Moody's Economy.com and using the latest available figures unless otherwise indicated]

| Location | Overall | Unemployment | Cost of living | Median household income | Income growth 1/ | Job growth 1/ |
|-------------------------|-----------|--------------|----------------|-------------------------|------------------|---------------|
| Washington, D.C. | 1 | 4 | 84 | 8 | 7 | 12 |
| Phoenix, Ariz. | 2 | 17 | 59 | 28 | 4 | 8 |
| Las Vegas, Nev. | 3 | 12 | 78 | 32 | 1 | 1 |
| Orlando, Fla. | 4 | 5 | 52 | 57 | 11 | 6 |
| Bethesda, Md. | 5 | 2 | 87 | 2 | 9 | 32 |
| Richmond, Va. | 6 | 6 | 36 | 47 | 16 | 28 |
| Raleigh, N.C. | 7 | 18 | 40 | 27 | 29 | 22 |
| Jacksonville, Fla. | 8 | 13 | 48 | 46 | 20 | 20 |
| Oklahoma City, Okla. | 9 | 21 | 11 | 61 | 12 | 44 |
| Virginia Beach, Va. | 10 | 16 | 42 | 59 | 10 | 25 |
| Camden, N.J. | 11 | 18 | 54 | 16 | 44 | 21 |
| Salt Lake City, Utah | 12 | 35 | 34 | 24 | 30 | 34 |
| Santa Ana, Calif. | 13 | 7 | 98 | 10 | 25 | 19 |
| Sacramento, Calif. | 14 | 36 | 77 | 33 | 8 | 11 |
| Honolulu, Hawaii | 15 | 1 | 83 | 9 | 57 | 17 |

1/ Five-year average.

Source: *Forbes Magazine* "The Best Cities to Get a Job" (July 19, 2006)

<http://www.forbes.com/2006/07/18/cx_hc_leadership_cities_jobs_slide.html?thisSpeed=17500> accessed July 24, 2006.

**Table 12.35-- ANNUAL COMPENSATION OF HIGHEST-PAID EXECUTIVES
OF HAWAII-BASED PUBLIC FIRMS: 1999 TO 2005**

| Annual compensation 1/ | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 2/ | 2005 |
|-------------------------------|-------------|-------------|-------------|-------------|-------------|----------------|-------------|
| Number of firms | 7 | 7 | 9 | 9 | 6 | 6 | 6 |
| Number of executives | 17 | 17 | 25 | 25 | 15 | 15 | 15 |
| Less than \$249,999 | - | - | - | - | - | - | - |
| \$250,000 to \$499,999 | 4 | 3 | 9 | 11 | - | - | - |
| \$500,000 to \$999,999 | 10 | 10 | 12 | 8 | 7 | 10 | 9 |
| \$1,000,000 to \$1,999,999 | 3 | 4 | 3 | 5 | 7 | 5 | 6 |
| \$2,000,000 or more | - | - | 1 | 1 | 1 | - | - |
| Highest (\$1,000) | 1,535 | 1,611 | 2,387 | 2,127 | 2,519 | 1,742 | 1,577 |

1/ Includes salary, bonus, stock awards, payments under the companies' long-term incentive plans, and other compensation.

2/ No separate list published, top 15 list for 2004 ranked by 2005 annual cash compensation.

Source: *Pacific Business News*, "Highest-paid executives of Hawaii-based public firms", September 12, 2003 and May 26, 2006; and *Pacific Business News, 2005 Book of Lists*, "Highest-paid executives of Hawaii-based public firms", p. 64 (December 20, 2004).

Table 12.36-- MINIMUM WAGE CHRONOLOGY: 1942 TO 2007

[Dollars per hour. As of July 1, unless otherwise specified. Since January 1, 1970, tip credit allowed under certain circumstances]

| Effective date | Oahu | Other islands | Effective date | State | Effective date | State |
|----------------|------|---------------|----------------|-------|----------------|-------|
| 1942 1/ | 0.25 | 0.20 | 1962 | 1.15 | 1981 | 3.35 |
| 1943 | 0.30 | 0.25 | 1964 2/ | 1.25 | 1988 2/ | 3.85 |
| 1945 | 0.40 | 0.40 | 1969 | 1.40 | 1992 3/ | 4.75 |
| 1953 | 0.65 | 0.55 | 1970 2/ | 1.60 | 1993 2/ | 5.25 |
| 1955 | 0.75 | 0.65 | 1974 | 2.00 | 2002 2/ | 5.75 |
| 1957 | 0.90 | 0.85 | 1975 2/ | 2.40 | 2003 2/ | 6.25 |
| 1958 | 1.00 | 1.00 | 1978 | 2.65 | 2006 4/ | 6.75 |
| | | | 1979 | 2.90 | 2007 4/ | 7.25 |
| | | | 1980 | 3.10 | | |

1/ At inception of minimum wage law, April 1, 1942.

2/ As of January 1.

3/ As of April 1.

4/ The 2005 Legislature passed Senate Bill 294, Senate Draft 3, House Draft 1, Conference Draft 1 "Relating to Employment" which raises the minimum wage to \$6.75 effective January 1, 2006, and to \$7.25 effective January 1, 2007. Governor Linda Lingle had indicated that she would allow it to become law without her signature. Act 240 became law on July 12, 2005. There is no increase in 2008.

Source: Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office <<http://hawaii.gov/labor/rs/a-short-history-of-the-minimum-wage>> accessed June 10, 2008 and records.

Table 12.37-- COMPENSATION OF LEADERS OF LARGE LABOR UNIONS: 2002 - 2004

[In order of decreasing total compensation. Hawai State Teachers Association, with 13,000 with members, declined to disclose its top leader's compensation]

| Executive | Labor union | No. of members | Fiscal year | Total | Salary | Other compensation |
|--|---|-----------------------|--------------------|--------------|---------------|---------------------------|
| Gary Rodrigues 1/ State Director | United Public Workers Local 646 | 15,603 | 2002 | 273,746 | 273,746 | - |
| Lynn Kinney Secretary | Painters AFL-CIO Local 1791 | 1,458 | 2002 | 228,690 | 209,364 | 19,326 |
| Ronald Taketa Fin. Sec./Bus. Rep | United Brotherhood of Carpenters Local 745 | 4,363 | 2003 | 193,255 | 184,880 | 8,375 |
| Herbert Kaopua Financial Secretary | Plumbers AFL-CIO Local 675 | 1,534 | 2002 | 166,969 | 160,903 | 6,066 |
| Benjamin Saguibo Bus. Mgr./Treas. | Laborers AFL-CIO | 3,800 | 2002 | 130,661 | 124,863 | 5,798 |
| Russell K. Okata Executive Director | Hawaii Gov't Employees Ass'n AFSCME Local 152 | 42,000 | 2004 | 128,688 | 128,688 | - |
| Harry Kameenui Bus. Mgr./Fin. Sec. | IBEW Local 1260 | 2,815 | 2002 | 124,292 | 121,442 | 2,850 |
| Thaddeus Tomei Bus. Rep./Fin. Sec. | Elevator Constructors AFL-CIO Local 126 | 193 | 2003 | 116,416 | 97,407 | 19,009 |
| Harold Bradshaw Fin. Sec./Bus. Mgr | Sheet Metal Workers AFL-CIO Local 293 | 640 | 2003 | 112,046 | 107,021 | 5,025 |
| Jerry Ahue President | Communications Workers AFL-CIO Local 14921 | 189 | 2003 | 109,133 | 100,595 | 8,538 |
| Susan Scheider 2/ Director | Collective Bargaining Org. of the Hawaii Nurses Ass'n. | 3,500 | 2003 | (NA) | 102,000 | (NA) |
| Eusebio Lapenia Jr. 2/ President | Int'l Longshore Emp. & Warehouse Local 142 | 17,435 | 2002 | 85,288 | 69,347 | 15,941 |
| Melvin Kahele President | Teamsters AFL-CIO Local 996 | 4,925 | 2002 | 83,886 | 79,800 | 4,086 |
| Orlando Soriano 2/ President | Hotel Emp. & Restaurant Emp. Local 5 | 10,704 | 2002 | 72,197 | 72,197 | - |
| Gerald Yuh 3/ Bus. Mgr./Fin. Sec. | Electrical Workers IBEW Local 1186 | 2,500 | 2002 | 63,883 | 60,704 | 3,179 |

NA Not available.

1/ Convicted of mail fraud, embezzling union money and related charges. Mr. Rodrigues is free on appeal.

2/ No longer with the organization.

3/ His predecessor, Thomas Fujikawa, had a total compensation of \$137,686 in 2001.

Source: *Honolulu Advertiser*, "Executive pay detailed" (May 2, 2004)

<<http://the.honoluluadvertiser.com/dailypix/2004/May/02/bz02chart4.gif>> based on Guidestar.org and U.S. Department of Labor.

**Table 12.38-- AVERAGE AND TOTAL WEEKLY HOURS AT WORK:
1997 TO 2003**

[In thousands of persons and number of hours]

| Subject | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Weekly hours at work | 528 | 532 | 536 | 544 | 550 | 534 | 569 |
| 1 to 14 hours | 26 | 25 | 25 | 26 | 28 | 24 | 26 |
| 15 to 29 hours | 80 | 75 | 77 | 74 | 75 | 70 | 71 |
| 30 to 34 hours | 49 | 59 | 44 | 39 | 48 | 39 | 41 |
| 35 to 39 hours | 28 | 28 | 25 | 29 | 31 | 24 | 26 |
| 40 hours | 221 | 217 | 230 | 243 | 235 | 253 | 279 |
| 41 to 48 hours | 37 | 42 | 45 | 43 | 42 | 38 | 37 |
| 49 hours and over | 87 | 87 | 90 | 91 | 91 | 87 | 89 |
| Average hours | | | | | | | |
| Total at work | (NA) | 38.3 | 38.4 | 40.3 | 38.4 | 38.6 | 38.6 |
| Persons who usually work full-time | (NA) | 42.4 | 42.7 | 43.9 | 42.4 | 42.3 | 42.3 |

NA Not available.

Source: U.S. Department of Labor, Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment, 2003*, Bulletin 2591, table 22 <<http://www.bls.gov/opub/gp/gpsec2.htm>> accessed April 23, 2008, and earlier reports.

Table 12.39-- INTERSTATE MOVEMENT OF JOB-SEEKERS PARTICIPATING IN THE UNEMPLOYMENT INSURANCE PROGRAM: 1949 TO 2007

| Year | Island workers on Mainland 1/ | Mainland workers in Hawaii 2/ | Ratio 3/ | Year | Island workers on Mainland 1/ | Mainland workers in Hawaii 2/ | Ratio 3/ |
|------|-------------------------------|-------------------------------|----------|---------|-------------------------------|-------------------------------|----------|
| 1949 | 1,030 | 711 | 69 | 1979 | 4,272 | 5,250 | 123 |
| 1950 | 966 | 1,105 | 114 | 1980 | 5,211 | 4,956 | 95 |
| 1951 | 377 | 1,139 | 302 | 1981 | 5,485 | 4,396 | 80 |
| 1952 | 455 | 1,667 | 366 | 1982 | 5,372 | 4,848 | 90 |
| 1953 | 576 | 1,775 | 308 | 1983 | 4,414 | 4,659 | 106 |
| 1954 | 907 | 1,698 | 187 | 1984 | 4,123 | 4,220 | 102 |
| 1955 | 665 | 1,812 | 272 | 1985 | 4,039 | 3,993 | 99 |
| 1956 | 686 | 1,617 | 236 | 1986 | 3,664 | 3,932 | 107 |
| 1957 | 1,100 | 1,813 | 165 | 1987 | 3,805 | 3,161 | 83 |
| 1958 | 1,547 | 2,219 | 143 | 1988 | 3,942 | 2,974 | 75 |
| 1959 | 1,280 | 2,126 | 166 | 1989 | 3,961 | 2,679 | 68 |
| 1960 | 1,716 | 2,595 | 151 | 1990 | 5,275 | 2,910 | 55 |
| 1961 | 2,863 | 3,235 | 113 | 1991 | 7,197 | 3,453 | 48 |
| 1962 | 2,966 | 3,594 | 121 | 1992 | 9,554 | 4,432 | 46 |
| 1963 | 2,683 | 3,787 | 141 | 1993 | 9,543 | 4,356 | 46 |
| 1964 | 2,572 | 3,705 | 144 | 1994 | 10,121 | 4,229 | 42 |
| 1965 | 2,257 | 3,411 | 151 | 1995 | 10,115 | 4,000 | 40 |
| 1966 | 1,859 | 2,655 | 143 | 1996 | 8,633 | 3,338 | 39 |
| 1967 | 2,196 | 3,102 | 141 | 1997 4/ | 7,051 | 2,356 | 33 |
| 1968 | 2,014 | 2,896 | 144 | 1998 4/ | 4,366 | 2,720 | 62 |
| 1969 | 2,652 | 3,600 | 136 | 1999 4/ | 3,511 | 2,572 | 73 |
| 1970 | 5,078 | 6,062 | 119 | 2000 4/ | 2,845 | 2,910 | 102 |
| 1971 | 6,215 | 6,908 | 111 | 2001 4/ | 3,423 | 3,611 | 105 |
| 1972 | 6,124 | 5,994 | 98 | 2002 4/ | 3,223 | 4,325 | 134 |
| 1973 | 5,255 | 6,116 | 116 | 2003 4/ | 2,826 | 4,247 | 150 |
| 1974 | 5,924 | 6,988 | 118 | 2004 4/ | 2,359 | 3,209 | 136 |
| 1975 | 7,607 | 8,785 | 115 | 2005 4/ | 2,399 | 2,680 | 112 |
| 1976 | 7,458 | 8,334 | 112 | 2006 4/ | 2,731 | 2,273 | 83 |
| 1977 | 5,846 | 8,154 | 139 | 2007 | 3,028 | 2,163 | 71 |
| 1978 | 4,313 | 6,261 | 145 | | | | |

1/ Interstate liable initial claims, State Unemployment Insurance Program (UI), excluding Federal Unemployment Compensation for Federal Employees program (UCFE) and Federal Unemployment Compensation for Ex-Service members program (UCX). Covers Hawaii workers seeking work and filing for benefits on the Mainland.

2/ Interstate agent initial claims (UI), excluding UCFE and UCX. Covers former Mainland workers living in Hawaii and filing unemployment insurance claims against their former Mainland employers.

3/ Interstate agent initial claims as a percent of interstate liable initial claims. Ratios under 100 suggest a net out-migration of workers.

4/ Revised from previous *Data Book* to reflect new treatment of Mainland workers in Hawaii.

Source: Hawaii State Department of Labor and Industrial Relations, *State of Hawaii Unemployment Insurance Fact Book* (annual) and records.

**Table 12.40-- NONFATAL OCCUPATIONAL INJURIES AND ILLNESSES,
PRIVATE INDUSTRY: 1995 TO 2006**

[Numbers in thousands. Beginning in 2003, industries are according to the North American Industry Classification System (NAICS) Manual, 2002 and prior to 2003, industries are according to Standard Industrial Classification (SIC), 1987. Agriculture, forestry and fishing (farms with more than 10 employees); construction; manufacturing; transportation and public utilities; wholesale and retail trade; finance, insurance and real estate; and services]

| Subject | Total cases | | Lost workday cases 1/ | | Cases without lost workdays |
|---------------------------|-------------|---------------------------|-----------------------|---------------------------|-----------------------------|
| | Number | Per 100 full-time workers | Number | Per 100 full-time workers | |
| Injuries and illnesses | | | | | |
| 1995 | 27.1 | 8.0 | 13.9 | 4.1 | 13.1 |
| 1996 | 23.0 | 6.8 | 12.1 | 3.6 | 10.8 |
| 1997 | 23.5 | 6.8 | 12.8 | 3.7 | 10.7 |
| 1998 | 21.2 | 6.5 | 12.1 | 3.7 | 9.1 |
| 1999 | 20.5 | 6.0 | 11.4 | 3.4 | 9.1 |
| 2000 | 21.4 | 6.0 | 12.4 | 3.5 | 9.1 |
| 2001 | 20.4 | 5.7 | 11.8 | 3.3 | 8.6 |
| Injuries | | | | | |
| 1995 | 26.2 | 7.7 | 13.4 | 4.0 | 12.8 |
| 1996 | 21.9 | 6.5 | 11.6 | 3.4 | 10.3 |
| 1997 | 22.7 | 6.6 | 12.4 | 3.6 | 10.3 |
| 1998 | 20.4 | 6.3 | 11.7 | 3.6 | 8.7 |
| 1999 | 19.7 | 5.8 | 11.0 | 3.2 | 8.7 |
| 2000 | 20.7 | 5.8 | 11.9 | 3.4 | 8.8 |
| 2001 | 19.3 | 5.4 | 11.1 | 3.1 | 8.1 |
| Injuries and illnesses 2/ | | | | | |
| 2002 | 19.5 | 5.8 | 3/ 11.8 | 3/ 3.5 | 7.8 |
| 2003 | 18.6 | 5.4 | 3/ 11.6 | 3/ 3.4 | 7.0 |
| 2004 | 17.8 | 4.9 | 3/ 10.7 | 3/ 3.0 | 7.1 |
| 2005 | 18.5 | 4.9 | 3/ 11.5 | 3/ 3.1 | 7.0 |
| 2006 | 18.2 | 4.8 | 3/ 11.5 | 3/ 3.0 | 6.7 |

1/ Days away from work, or days of restricted work activity, or both.

2/ Beginning in 2002, the categories of illnesses were expanded and data are not comparable to previous years.

3/ Days away from work, job transfer, or restriction.

Source: Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office, *Occupational Injuries and Illnesses Survey* (annual); U.S. Bureau of Labor Statistics, "State Occupational Injuries, Illnesses, and Fatalities" <<http://www.bls.gov/iif/oshstate.htm#HI>> tables 6 and 7 accessed April 29, 2008.

Table 12.41-- FATAL OCCUPATIONAL INJURIES BY EVENT OR EXPOSURE: 1993 TO 2006

[All workers who died in Hawaii while working, including military personnel, federal government workers and nonresidents, but not residents who died out-of-state]

| Event or Exposure | 1993 to 1997 | 1994 to 1998 | 1995 to 1999 | 1996 to 2000 | 1997 to 2001 | 1998 to 2002 | 2003 to 2005 | 2003 to 2006 |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Total | 117 | 103 | 114 | 110 | 124 | 129 | 61 | 91 |
| Homicides 1/ | 13 | 12 | 22 | 22 | 26 | 26 | 8 | 13 |
| Aircraft incidents | 19 | 18 | 19 | 17 | 17 | 16 | 10 | 15 |
| Struck by or caught in objects | 5 | 5 | 7 | 7 | 16 | 16 | 7 | 13 |
| Highway incidents | 12 | 12 | 12 | 12 | 10 | 13 | 11 | 20 |
| Self-inflicted injuries | 9 | 8 | 8 | 8 | 12 | 12 | (2/) | (2/) |
| Pedestrian struck by vehicle | 5 | 5 | 4 | 6 | 3/ 8 | 4/ 11 | (2/) | (2/) |
| Falls | 10 | 9 | 11 | 11 | 11 | 10 | 8 | 9 |
| Water vehicle accidents | 10 | 8 | 7 | 7 | (2/) | 9 | (2/) | (2/) |
| Oxygen deficiency (incl. drowning) | 7 | 7 | 7 | 6 | 6 | 4 | (2/) | (2/) |
| Nonhighway incidents 5/ | 9 | 8 | 6 | 5 | 5 | 4 | (2/) | (2/) |
| Exposure to caustic, noxious, or allergic substances 6/ | (2/) | (2/) | (2/) | (2/) | 3 | (2/) | 7 | 9 |
| Fires & explosions | 6 | 4 | 5 | 5 | (2/) | (2/) | (2/) | (2/) |
| Inhalation or ingestion of substance | (2/) | (2/) | 3 | 3 | (2/) | (2/) | (2/) | (2/) |
| Other | 12 | 7 | 3 | 1 | 10 | 8 | 10 | 12 |

1/ Category for '2003 to 2005' and '2003 to 2006' is "Assaults and violent acts by person(s)".

2/ Category not listed separately, may be included in "Other".

3/ Category for '1997 to 2001' is "Worker struck by vehicle, mobile equipment".

4/ Category in '1998 to 2002' is "Pedestrian, nonpassenger struck by vehicle, mobile equipment".

5/ Involve transportation accidents that occur on industrial, commercial, residential, or farm premises.

6/ Category for '2003 to 2005' and '2003 to 2006' also includes "or environments".

Source: Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office, *Census of Fatal Occupational Injuries* (annual) and for 1998 to 2006

<<http://hawaii.gov/labor/rs/census-of-fatal-occupational-injuries>> accessed June 2, 2008.

Table 12.42-- FATAL OCCUPATIONAL INJURIES FOR HAWAII AND THE UNITED STATES: 1992 TO 2006

[All workers who died in Hawaii or the United States while working, including military personnel, federal government workers and nonresidents, but not residents who died out-of-state or out-of-the-country]

| Year | Hawaii | United States | Year | Hawaii | United States |
|------|--------|---------------|---------|--------|---------------|
| 1992 | 28 | 6,217 | 2000 | 20 | 5,920 |
| 1993 | 26 | 6,331 | 2001 1/ | 41 | 5,915 |
| 1994 | 21 | 6,632 | 2002 | 24 | 5,534 |
| 1995 | 24 | 6,275 | 2003 | 21 | 5,575 |
| 1996 | 27 | 6,202 | 2004 | 25 | 5,764 |
| 1997 | 19 | 6,238 | 2005 2/ | 15 | 5,734 |
| 1998 | 12 | 6,055 | 2006 3/ | 30 | 5,703 |
| 1999 | 32 | 6,054 | | | |

1/ Totals for 2001 exclude fatalities resulting from the September 11 terrorist attacks.

2/ Data for the United States were revised but the revision did not affect Hawaii.

3/ Data are preliminary.

Source: U.S. Bureau of Labor Statistics, *Census of Fatal Occupational Injuries All Worker Profile, 1992-2002* (revised data, January 7, 2005) <<http://www.bls.gov/iif/oshwc/foi/cftb0186.pdf>> accessed April 21, 2005; *Fatal occupational injuries by state and event or exposure, 2003-2004* <<http://www.bls.gov/iif/oshcfoi1.htm>> accessed April 24, 2006 and *National Census of Fatal Occupational Injuries in 2006*, USDL 07-1202, tables 1 and 5 <<http://www.bls.gov/news.release/pdf/foi.pdf>> accessed June 3, 2008.

**Table 12.43-- WORK INJURIES, DEATHS, TIME LOST AND
COMPENSATION COSTS: 1990 TO 2006**

| Year | Reported cases | Reported deaths | Time lost (compensated days) | Compensation costs (\$1,000) |
|-------------|-----------------------|------------------------|-------------------------------------|-------------------------------------|
| 1990 | 53,050 | 59 | 1,434,262 | 218,837 |
| 1991 | 56,738 | 51 | 1,636,375 | 234,971 |
| 1992 | 49,204 | 42 | 1,832,901 | 288,003 |
| 1993 | 46,762 | 33 | 1,957,217 | 323,763 |
| 1994 | 42,658 | 41 | 1,821,164 | 343,080 |
| 1995 | 37,476 | 26 | 1,571,539 | 326,123 |
| 1996 | 33,628 | 29 | 1,371,739 | 288,495 |
| 1997 | 33,255 | 30 | 1,258,468 | 254,915 |
| 1998 | 30,727 | 17 | 1,160,365 | 233,225 |
| 1999 | 30,309 | 26 | 1,108,149 | 222,056 |
| 2000 | 31,836 | 34 | 1,151,879 | 231,359 |
| 2001 | 30,179 | 34 | 1,263,787 | 252,041 |
| 2002 | 29,757 | 31 | 1,277,863 | 267,827 |
| 2003 | 28,668 | 27 | 1,324,577 | 274,922 |
| 2004 | 26,321 | 32 | 1,186,798 | 271,290 |
| 2005 | 28,018 | 21 | 1,094,172 | 250,779 |
| 2006 | 27,440 | 32 | 946,149 | 242,685 |

Source: Hawaii State Department of Labor and Industrial Relations, *Workers' Compensation Data Book* (annual) and for 2000 to 2006 <<http://hawaii.gov/labor/rs/workers-compensation-data>> accessed February 29, 2008.

Table 12.44-- UNION AFFILIATION OF EMPLOYED WAGE AND SALARY WORKERS FOR HAWAII AND THE UNITED STATES: 2001 TO 2007

[Beginning in January 2004, data reflect revised population controls used in the Current Population Survey which is a monthly survey of households conducted by the Bureau of the Census for the Bureau of Labor Statistics. Data refer to the sole or principal job of full- and part-time workers. Excluded are all self-employed workers regardless of whether or not their businesses are incorporated]

| Subject | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|----------------------------------|---------|---------|---------|---------|---------|---------|---------|
| Hawaii | | | | | | | |
| Total employed (1,000) | 522 | 490 | 511 | 533 | 545 | 562 | 556 |
| Members of unions (1,000) 1/ | 123 | 120 | 122 | 126 | 141 | 139 | 130 |
| Percent of employed | 23.7 | 24.5 | 23.8 | 23.7 | 25.8 | 24.7 | 23.4 |
| Represented by unions (1,000) 2/ | 136 | 124 | 127 | 132 | 145 | 146 | 135 |
| Percent of employed | 26.0 | 25.3 | 24.8 | 24.8 | 26.7 | 25.9 | 24.2 |
| United States | | | | | | | |
| Total employed (1,000) | 120,708 | 119,979 | 122,358 | 123,554 | 125,889 | 128,237 | 129,767 |
| Members of unions (1,000) 1/ | 16,289 | 15,979 | 15,776 | 15,472 | 15,685 | 15,359 | 15,670 |
| Percent of employed | 13.5 | 13.3 | 12.9 | 12.5 | 12.5 | 12.0 | 12.1 |
| Represented by unions (1,000) 2/ | 17,878 | 17,502 | 17,448 | 17,087 | 17,223 | 16,860 | 17,243 |
| Percent of employed | 14.8 | 14.6 | 14.3 | 13.8 | 13.7 | 13.1 | 13.3 |

1/ Members of a labor union or an employee association similar to a union.

2/ Members of a labor union or an employee association similar to a union as well as workers who report no union affiliation but whose jobs are covered by a union or an employee association contract.

Source: U.S. Bureau of Labor Statistics, Union Membership (annual), tables 1 and 5
 <<http://www.bls.gov/news.release/union2.toc.htm>> accessed February 10, 2004 for 2001 and 2002; January 27, 2005 for 2003 and 2004; January 20, 2006 for 2005; January 26, 2007 for 2006; and January 25, 2008 for 2007.

Table 12.45-- LABOR UNIONS AND MEMBERSHIP: 2007- 2008

| Subject | Total | AFL-CIO affiliated | Independent |
|----------------------|----------------------|--------------------|-----------------|
| Unions Membership | 112 1/ 2/ 169,127 | 93 1/ 106,439 | 19 2/ 62,688 |

1/ Excluded are four unions not reporting membership for Hawaii: Electrical Workers Hawaii Local 368-E; Marine Firemen, Oilers, Watertenders and Wipers Association, Pacific Coast (total membership of 1,000 includes San Francisco, Wilmington, Seattle and Honolulu); Teachers, Hawaii Federation of Local 1127; United Public Workers, AFSCME, Local 646. The largest memberships reported: Hawaii Government Employees Association, AFSCME, Local 152 (42,700) and the Longshore and Warehouse Union, International Local 142 (22,000).

2/ Excluded is one union not reporting membership: Collective Bargaining Organization of Hawaii Nurses' Association. The largest memberships reported: Teamsters, Chauffeurs, Warehousemen and Helpers of Hawaii State Teachers' Association (12,600); and UNITE HERE (Hotel Employees & Restaurant Employees) Local 5 (10,800).

Source: Hawaii State AFL-CIO, *Directory of Labor Organizations and Affiliates, 2007-2008* and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 12.46-- STATE AND COUNTY EMPLOYEES IN COLLECTIVE BARGAINING UNITS,
BY EMPLOYING JURISDICTION: 1999 TO 2007**

[As of December 31]

| Year | Total | State of Hawaii | City & County of Honolulu | County of Hawaii | County of Maui | County of Kauai | Dept. of Educ. | Judiciary | University of Hawaii | HHSC 1/ |
|------|--------|-----------------|---------------------------|------------------|----------------|-----------------|----------------|-----------|----------------------|---------|
| 1999 | 54,778 | 23,484 | 7,995 | 1,815 | 1,632 | 875 | 13,113 | 1,434 | 4,430 | (2/) |
| 2000 | 56,426 | 22,052 | 7,945 | 1,852 | 1,670 | 881 | 13,276 | 1,445 | 4,539 | 2,766 |
| 2001 | 58,084 | 22,639 | 8,077 | 1,874 | 1,705 | 908 | 13,707 | 1,484 | 4,613 | 3,077 |
| 2002 | 59,320 | 21,454 | 7,907 | 1,834 | 1,776 | 918 | 13,710 | 1,546 | 6,321 | 3,854 |
| 2003 | 58,079 | 20,746 | 7,924 | 1,874 | 1,780 | 921 | 13,517 | 1,485 | 6,516 | 3,316 |
| 2004 | 64,040 | 18,436 | 7,916 | 1,937 | 1,790 | 938 | 21,789 | 1,376 | 6,667 | 3,191 |
| 2005 | 59,316 | 13,624 | 7,863 | 1,938 | 1,839 | 840 | 21,727 | 1,394 | 6,837 | 3,254 |
| 2006 | 60,256 | 13,656 | 8,063 | 2,056 | 1,869 | 942 | 21,879 | 1,525 | 7,035 | 3,231 |
| 2006 | 60,256 | 13,656 | 8,063 | 2,056 | 1,869 | 942 | 21,879 | 1,525 | 7,035 | 3,231 |
| 2007 | 60,934 | 12,988 | 8,200 | 2,153 | 1,915 | 978 | 22,238 | 1,580 | 7,264 | 3,618 |

1/ HHSC is the Hawaii Health Systems Corporation.

2/ Included in 'State of Hawaii'.

Source: Hawaii Labor Relations Board, *HLRB Informational Bulletin, No. 41*, April 2, 2003 and as revised August 12, 2003; *No. 42*, May 14, 2004; *No. 43*, June 23, 2005; *No. 44*, April 5, 2006; *No. 45*, April 5, 2007; *No. 46*, March 3, 2008; and earlier issues.

Table 12.47-- COLLECTIVE BARGAINING AGREEMENTS: 1964 TO 2008

| Year | Number of agreements | Workers covered | | Year | Number of agreements | Workers covered | |
|------|----------------------|-----------------|---------------|------|----------------------|-----------------|---------------|
| | | Total | Per agreement | | | Total | Per agreement |
| 1964 | 275 | (NA) | (NA) | 1987 | 1,375 | 80,400 | 58 |
| 1965 | 309 | 31,500 | 102 | 1988 | 433 | 16,290 | 38 |
| 1966 | 277 | 23,800 | 86 | 1989 | 104 | 50,950 | 490 |
| 1967 | 257 | 15,900 | 62 | 1990 | 194 | 24,300 | 125 |
| 1968 | 172 | 15,400 | 90 | 1991 | 107 | 23,700 | 221 |
| 1969 | 296 | 19,100 | 65 | 1992 | 1,413 | 21,400 | 15 |
| 1970 | 190 | 14,900 | 78 | 1993 | 369 | 65,900 | 179 |
| 1971 | 151 | 9,800 | 65 | 1994 | 84 | 8,000 | 95 |
| 1972 | 511 | 47,100 | 92 | 1995 | 270 | 57,300 | 212 |
| 1973 | 390 | 28,000 | 72 | 1996 | 136 | 49,250 | 362 |
| 1974 | 223 | 34,700 | 156 | 1997 | 1,334 | 62,800 | 47 |
| 1975 | 1,265 | 36,100 | 29 | 1998 | 786 | 18,900 | 24 |
| 1976 | 380 | 57,450 | 151 | 1999 | 123 | 65,890 | 535 |
| 1977 | 2,255 | 87,350 | 39 | 2000 | (1/) | (1/) | (1/) |
| 1978 | 967 | 29,500 | 31 | 2001 | (1/) | (1/) | (1/) |
| 1979 | 312 | 61,600 | 198 | 2002 | 1,187 | 21,550 | 18 |
| 1980 | 2,298 | 49,900 | 22 | 2003 | 252 | 69,800 | 277 |
| 1981 | 267 | 53,700 | 201 | 2004 | 71 | 8,900 | 125 |
| 1982 | 379 | 27,400 | 72 | 2005 | 199 | 61,430 | 308 |
| 1983 | 1,019 | 68,000 | 67 | 2006 | 74 | 10,850 | 146 |
| 1984 | 901 | 26,200 | 29 | 2007 | 249 | 73,210 | 294 |
| 1985 | 350 | 58,450 | 167 | 2008 | 202 | 13,440 | 66 |
| 1986 | 138 | 13,550 | 98 | | | | |

NA Not available.

1/ Report had been suspended in 2000 and 2001.

Source: University of Hawaii at Manoa, Industrial Relations Center, *Duration of Collective Bargaining Agreements in Hawaii, 2008*, Occasional Publication No. 185 (December 2007), p. 1.

Table 12.48-- WORK STOPPAGES: 1990 TO 2007

[Data exclude stoppages lasting less than one full shift (8 hours) and stoppages affecting fewer than 6 workers. Data are limited to stoppages begun or in progress during the week containing the 12th of each month]

| Year | Number of stoppages 1/ | Workers involved 1/ | Man-days lost 2/ |
|-------------|-------------------------------|----------------------------|-------------------------|
| 1990 | 13 | 7,415 | 119,509 |
| 1991 | - | - | - |
| 1992 | - | - | - |
| 1993 | 2 | 160 | 6,018 |
| 1994 3/ | 3 | 12,202 | 109,529 |
| 1995 | - | - | - |
| 1996 | 1 | 13 | 715 |
| 1997 | - | - | - |
| 1998 | 1 | 150 | (NA) |
| 1999 | - | - | - |
| 2000 | - | - | - |
| 2001 | 2 | 15,100 | 195,900 |
| 2002 | 1 | 1,170 | (NA) |
| 2003 | 5 | 2,680 | (NA) |
| 2004 | 2 | 210 | (NA) |
| 2005 | 1 | 25 | (NA) |
| 2006 | 2 | 150 | (NA) |
| 2007 | - | - | - |

NA Not available.

1/ Stoppages carrying over from previous year are counted in both years.

2/ Partly estimated.

3/ Data exclude Hawaii Government Employees' Association (HGEA) strikers in Hawaii County.

Source: Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office, unpublished estimates.

**Table 12.49-- WORK STOPPAGES INVOLVING 1,000 OR MORE WORKERS:
1983 TO 2007**

| Year | Number of stoppages begun in year | Workers involved 1/ | Man-days idle during year | Percent of estimated nonagricultural working time |
|-------------|--|----------------------------|----------------------------------|--|
| 1983 | 1 | 2,800 | 5,600 | 0.01 |
| 1984 | 1 | 1,000 | 70,000 | 0.01 |
| 1985 | 1 | 1,000 | 11,000 | 0.01 |
| 1986-1993 | - | - | - | - |
| 1994 | 1 | 15,800 | 136,500 | (NA) |
| 1995-1997 | - | - | - | - |
| 1998 | - | - | - | - |
| 1999 | - | - | - | - |
| 2000 | - | - | - | - |
| 2001 | 2 | 15,100 | 195,900 | (NA) |
| 2002 | 1 | 1,170 | (NA) | (NA) |
| 2003 | 2 | 2,470 | (NA) | (NA) |
| 2004-2007 | - | - | - | - |

NA Not available.

1/ Workers counted more than once if involved in more than one stoppage during year.

Source: U.S. Bureau of Labor Statistics, "Major Work Stoppages in 2005"

<<ftp://ftp.bls.gov/pub/news.release/History/wkstp.03022006.news>> accessed June 28, 2006 and records; Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office, records.

Section 13

INCOME, EXPENDITURES, AND WEALTH

This section presents statistics on different aspects of income and expenditures, relating to state personal income, gross domestic product and to the distribution of income to families, households and individuals. Specifically, information is given on gross domestic product by industry; personal, family and household income; poverty, personal wealth, and family expenditures. Data on wage rates, salaries, and earnings appear in Sections 3, 9, 12, and 22; on industrial payrolls, in Sections 12, 15, and 20 through 23; on the family income of visitors, in Section 7; on retirement payments and public assistance, in Sections 10 and 11; on taxable income, in Section 9.

The chief sources of data shown in this section are the U.S. Bureau of Economic Analysis, U.S. Census Bureau, U.S. Bureau of Labor Statistics, U.S. Department of Health and Human Services, U.S. Internal Revenue Service; and Hawaii Agricultural Statistics Service, and Hawaii State Department of Business, Economic Development & Tourism. Sections 6 and 7 of *Historical Statistics of Hawaii* present data for earlier years. Comparable data for the country as a whole are given in the *Statistical Abstract of the United States: 2008*, Section 13.

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**Table 13.01-- DIRECT INCOME FROM MAJOR EXPORT INDUSTRIES:
1974 TO 2007**

[In millions of dollars]

| Year | Value of production | | Defense expenditures 2/ | Visitor expenditures 3/ |
|------|---------------------------|-----------------------------|-------------------------|-------------------------|
| | Raw sugar and molasses 1/ | Fresh & processed pineapple | | |
| 1974 | 676.6 | 127.1 | (NA) | 1,232.9 |
| 1975 | 366.1 | 136.7 | (NA) | 1,354.7 |
| 1976 | 257.0 | 144.5 | (NA) | 1,636.5 |
| 1977 | 226.8 | 161.6 | (NA) | 1,833.9 |
| 1978 | 285.2 | 162.8 | (NA) | 2,149.9 |
| 1979 | 345.7 | 206.4 | (NA) | 2,540.6 |
| 1980 | 594.1 | 226.5 | (NA) | 2,870.8 |
| 1981 | 327.9 | 217.6 | (NA) | 3,195.4 |
| 1982 | 351.5 | 206.0 | (NA) | 3,686.8 |
| 1983 | 410.2 | 219.0 | 2,270.5 | 3,847.2 |
| 1984 | 393.0 | 249.6 | 2,386.0 | 4,441.9 |
| 1985 | 340.8 | 222.5 | 2,614.8 | 5,081.4 |
| 1986 | 361.9 | 238.4 | 2,579.7 | 5,917.8 |
| 1987 | 335.9 | 251.4 | 2,598.0 | 6,676.3 |
| 1988 | 324.0 | 247.0 | 2,668.9 | 8,303.8 |
| 1989 | 322.0 | 241.9 | 2,909.2 | 8,905.1 |
| 1990 | 328.9 | 215.9 | 2,713.1 | 9,082.1 |
| 1991 | 270.7 | 224.6 | 3,078.7 | 9,817.7 |
| 1992 | 237.6 | 197.7 | 3,063.5 | 9,310.9 |
| 1993 | 251.9 | 140.6 | 3,127.5 | 8,472.3 |
| 1994 | 247.9 | 134.1 | 3,403.8 | 10,253.9 |
| 1995 | 200.2 | 135.0 | 3,087.5 | 11,107.2 |
| 1996 | 168.8 | 147.0 | 3,436.0 | 10,166.8 |
| 1997 | 132.5 | 136.7 | 3,407.8 | 10,491.0 |
| 1998 | 133.1 | 145.1 | 3,609.8 | 9,791.8 |
| 1999 | 131.3 | 144.8 | 3,577.5 | 10,005.1 |
| 2000 | 95.9 | 132.2 | 3,722.8 | 10,590.2 |
| 2001 | 90.6 | 136.6 | 3,991.9 | 9,061.3 |
| 2002 | 100.3 | 144.0 | 4,304.8 | 9,608.9 |
| 2003 | 99.0 | 142.9 | 4,842.1 | 10,054.4 |
| 2004 | 94.1 | 123.2 | 4,761.3 | 10,861.8 |
| 2005 | 4/ 92.5 | 113.4 | 5,015.3 | 11,904.0 |
| 2006 | 79.7 | (NA) | 5,379.2 | 12,491.6 |
| 2007 | (NA) | (NA) | (NA) | 12,811.1 |

NA Not available.

1/ Excludes government sugar support payments.

2/ Fiscal year ending September 30.

3/ Direct visitor expenditures in Hawaii, exclusive of transpacific transportation. Estimates for 1984 and earlier also exclude additional business expenditures by MCI (meetings, conventions, and incentive) visitors. Beginning with Data Book 2002, revisions beginning with 1998 implemented a revised methodology for calculating visitor expenditures. Estimates from 1999 to 2006 were revised and revision of estimates prior to 1998 is underway.

4/ Revised from previous *Data Book*.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual), records, and for 1999-2006 <http://www.nass.usda.gov/hi/stats/t_of_c.htm> accessed March 18, 2008; Hawaii State Department of Business, Economic Development & Tourism, *Annual Visitor Research Report* (annual) and records, and U.S. Census Bureau, *Consolidated Federal Funds Report* (annual) and for 1993-2006 <<http://harvester.census.gov/cffr/index.html>> accessed April 23, 2008 and records.

**Table 13.02-- GROSS DOMESTIC PRODUCT, TOTAL AND PER CAPITA
AND RESIDENT POPULATION: 1963 TO 2007**

| Year and category | Gross domestic product 1/ | | Per capita gross domestic product 1/ | | Resident population 3/ |
|-------------------|-----------------------------|-------------------------------------|--------------------------------------|-------------------------|------------------------|
| | Millions of current dollars | Millions of chained 2000 dollars 2/ | Current dollars | Chained 2000 dollars 2/ | |
| SIC 4/ | | | | | |
| 1963 | 2,366 | (NA) | 3,469 | (NA) | 682,000 |
| 1964 | 2,568 | (NA) | 3,669 | (NA) | 700,000 |
| 1965 | 2,841 | (NA) | 4,036 | (NA) | 704,000 |
| 1966 | 3,097 | (NA) | 4,362 | (NA) | 710,000 |
| 1967 | 3,293 | (NA) | 4,555 | (NA) | 723,000 |
| 1968 | 3,707 | (NA) | 5,050 | (NA) | 734,000 |
| 1969 | 4,248 | (NA) | 5,717 | (NA) | 743,000 |
| 1970 | 4,802 | (NA) | 6,294 | (NA) | 762,920 |
| 1971 | 5,163 | (NA) | 6,522 | (NA) | 791,580 |
| 1972 | 5,613 | (NA) | 6,861 | (NA) | 818,104 |
| 1973 | 6,342 | (NA) | 7,533 | (NA) | 841,851 |
| 1974 | 7,125 | (NA) | 8,303 | (NA) | 858,121 |
| 1975 | 8,155 | (NA) | 9,319 | (NA) | 875,052 |
| 1976 | 8,502 | (NA) | 9,528 | (NA) | 892,335 |
| 1977 | 9,373 | 25,462 | 10,235 | 27,804 | 915,749 |
| 1978 | 10,473 | 26,544 | 11,276 | 28,579 | 928,816 |
| 1979 | 11,905 | 28,031 | 12,531 | 29,505 | 950,050 |
| 1980 | 13,337 | 28,750 | 13,782 | 29,709 | 967,710 |
| 1981 | 14,456 | 28,180 | 14,778 | 28,808 | 978,195 |
| 1982 | 15,396 | 28,203 | 15,492 | 28,380 | 993,780 |
| 1983 | 16,843 | 29,214 | 16,631 | 28,847 | 1,012,717 |
| 1984 | 18,554 | 30,222 | 18,050 | 29,401 | 1,027,922 |
| 1985 | 19,985 | 31,047 | 19,222 | 29,861 | 1,039,698 |
| 1986 | 21,547 | 32,009 | 20,487 | 30,433 | 1,051,762 |
| 1987 | 23,321 | 33,492 | 21,838 | 31,362 | 1,067,917 |
| 1988 | 25,733 | 35,518 | 23,831 | 32,892 | 1,079,827 |
| 1989 | 28,423 | 37,869 | 25,967 | 34,597 | 1,094,588 |
| 1990 | 31,898 | 41,020 | 28,647 | 36,839 | 1,113,491 |
| 1991 | 33,579 | 41,397 | 29,539 | 36,417 | 1,136,754 |
| 1992 | 35,204 | 42,275 | 30,385 | 36,488 | 1,158,613 |
| 1993 | 35,929 | 41,936 | 30,634 | 35,756 | 1,172,838 |
| 1994 | 36,256 | 41,311 | 30,530 | 34,788 | 1,187,536 |
| 1995 | 36,572 | 40,768 | 30,557 | 34,063 | 1,196,854 |
| 1996 | 36,959 | 40,387 | 30,703 | 33,550 | 1,203,755 |
| 1997 | 37,923 | 40,469 | 31,299 | 33,400 | 1,211,640 |

Continued on next page.

**Table 13.02-- GROSS DOMESTIC PRODUCT, TOTAL AND PER CAPITA
AND RESIDENT POPULATION: 1963 TO 2007-- Con.**

| Year and category | Gross domestic product 1/ | | Per capita gross domestic product 1/ | | Resident population 3/ |
|-------------------|-----------------------------|-------------------------------------|--------------------------------------|-------------------------|------------------------|
| | Millions of current dollars | Millions of chained 2000 dollars 2/ | Current dollars | Chained 2000 dollars 2/ | |
| NAICS 4/ | | | | | |
| 1997 | 37,546 | 40,412 | 30,988 | 33,353 | 1,211,640 |
| 1998 | 37,549 | 39,568 | 30,899 | 32,560 | 1,215,233 |
| 1999 | 38,625 | 39,747 | 31,914 | 32,841 | 1,210,300 |
| 2000 1/ | 40,202 | 40,202 | 33,181 | 33,181 | 1,211,586 |
| 2001 1/ | 41,822 | 40,626 | 34,321 | 33,340 | 1,218,553 |
| 2002 1/ | 43,476 | 41,093 | 35,382 | 33,443 | 1,228,763 |
| 2003 1/ | 46,441 | 42,580 | 37,443 | 34,329 | 1,240,325 |
| 2004 1/ | 50,414 | 44,636 | 40,197 | 35,590 | 1,254,172 |
| 2005 1/ | 54,863 | 46,939 | 43,282 | 37,030 | 1,267,581 |
| 2006 1/ | 58,676 | 48,428 | 45,890 | 37,874 | 1,278,635 |
| 2007 | 61,532 | 49,860 | 47,945 | 38,850 | 1,283,388 |

NA Not available.

1/ Gross Domestic Product estimates for 2004 to 2006, population estimates for 2000 to 2006 and per capita for 2000 to 2006 have been revised from previous *Data Book*.

2/ Real GDP is an inflation-adjusted measure of each State's gross product that is based on national prices for the goods and services produced within that State. The estimates of real GDP are derived by applying national implicit price deflators to the current-dollar GDP estimates for the detailed 63 industries. Then, the chain-type index formula that is used in the national accounts is used to calculate the estimates of total real GDP and of real GDP at a more aggregated industry level. BEA did not release real GDP estimates for 1963 to 1989 but instead published partial time series (1977-2005) of chain-weighted quantity indexes. Real GDP can be derived by multiplying each of the quantity indexes by the base year (2000) nominal GDP value and dividing the result by 100. BEA performed the calculations for 1990 to 2005 and DBEDT for 1977 to 1989. BEA did not release real GDP estimates for 1963 to 1976 nor the chain-weighted quantity indexes therefore, real GDP can not be derived for those years.

3/ As of July 1. The resident population for April 1, 1980 was 964,691, April 1, 1990 was 1,108,229 and April 1, 2000 was 1,211,537. Data for 2000 through 2006 have been revised from previous *Data Book*.

4/ There is a discontinuity in the GDP time series at 1997, where the data change from Standard Industrial Classification (SIC) industry definitions to North American Industry Classification System (NAICS) industry definitions. This discontinuity results from many sources, including differences in source data and different estimation methodologies. This data discontinuity may affect both the levels and the growth rates of the GDP estimates. Users of the GDP estimates are strongly cautioned against appending the two data series in an attempt to construct a single time series of GDP estimates for 1963 to 2007.

Source: U.S. Bureau of Economic Analysis, *Gross Domestic Product by Industry 1963 to 2007* (June 4, 2008) <<http://www.bea.doc.gov/bea/regional/gsp/>> accessed June 7, 2007; U.S. Census Bureau, "Table 1: Annual Estimates of the Population for the United States and States, and for Puerto Rico: April 1, 2000 to July 1, 2007" (NST-EST2007-01) <<http://www.census.gov/popest/states/tables/NST-EST2007-01.xls>> accessed June 5 2008; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.03-- GROSS DOMESTIC PRODUCT, HAWAII AND UNITED STATES:
1963 TO 2007**

[Gross Domestic Product by State was formerly called Gross State Product]

| Year and category | Hawaii | | | United States | | |
|-------------------|---------------------|--------------------------------|--------------------------------------|---------------------|--------------------------------|--------------------------------------|
| | Millions of dollars | | Chained quantity index (2000=100) 1/ | Millions of dollars | | Chained quantity index (2000=100) 1/ |
| | Current | Real (chained 2000 dollars) 1/ | | Current | Real (chained 2000 dollars) 1/ | |
| SIC 2/ | | | | | | |
| 1963 | 2,366 | (NA) | (NA) | 606,913 | (NA) | (NA) |
| 1964 | 2,568 | (NA) | (NA) | 650,382 | (NA) | (NA) |
| 1965 | 2,841 | (NA) | (NA) | 704,545 | (NA) | (NA) |
| 1966 | 3,097 | (NA) | (NA) | 766,961 | (NA) | (NA) |
| 1967 | 3,293 | (NA) | (NA) | 811,632 | (NA) | (NA) |
| 1968 | 3,707 | (NA) | (NA) | 887,304 | (NA) | (NA) |
| 1969 | 4,248 | (NA) | (NA) | 962,647 | (NA) | (NA) |
| 1970 | 4,802 | (NA) | (NA) | 1,011,966 | (NA) | (NA) |
| 1971 | 5,163 | (NA) | (NA) | 1,096,810 | (NA) | (NA) |
| 1972 | 5,613 | (NA) | (NA) | 1,210,471 | (NA) | (NA) |
| 1973 | 6,342 | (NA) | (NA) | 1,356,315 | (NA) | (NA) |
| 1974 | 7,125 | (NA) | (NA) | 1,471,593 | (NA) | (NA) |
| 1975 | 8,155 | (NA) | (NA) | 1,601,506 | (NA) | (NA) |
| 1976 | 8,502 | (NA) | (NA) | 1,779,570 | (NA) | (NA) |
| 1977 | 9,373 | 25,462 | 61.400 | 1,986,138 | 4,711,450 | 47.705 |
| 1978 | 10,473 | 26,544 | 64.011 | 2,243,638 | 4,965,368 | 50.276 |
| 1979 | 11,905 | 28,031 | 67.596 | 2,491,428 | 5,113,017 | 51.771 |
| 1980 | 13,337 | 28,750 | 69.330 | 2,719,134 | 5,116,079 | 51.802 |
| 1981 | 14,456 | 28,180 | 67.955 | 3,064,552 | 5,252,272 | 53.181 |
| 1982 | 15,396 | 28,203 | 68.011 | 3,217,617 | 5,185,706 | 52.507 |
| 1983 | 16,843 | 29,214 | 70.448 | 3,451,340 | 5,331,677 | 53.985 |
| 1984 | 18,554 | 30,222 | 72.879 | 3,872,847 | 5,739,367 | 58.113 |
| 1985 | 19,985 | 31,047 | 74.868 | 4,155,029 | 5,981,236 | 60.562 |
| 1986 | 21,547 | 32,009 | 77.188 | 4,364,279 | 6,103,997 | 61.805 |
| 1987 | 23,321 | 33,492 | 80.764 | 4,663,282 | 6,357,915 | 64.376 |
| 1988 | 25,733 | 35,518 | 85.651 | 5,067,453 | 6,684,423 | 67.682 |
| 1989 | 28,423 | 37,869 | 91.320 | 5,385,776 | 6,837,504 | 69.232 |
| 1990 | 31,898 | 41,020 | 98.920 | 5,674,013 | 6,939,733 | 70.267 |
| 1991 | 33,579 | 41,397 | 99.829 | 5,857,335 | 6,917,680 | 70.043 |
| 1992 | 35,204 | 42,275 | 101.946 | 6,174,369 | 7,114,708 | 72.038 |
| 1993 | 35,929 | 41,936 | 101.129 | 6,453,455 | 7,240,810 | 73.315 |
| 1994 | 36,256 | 41,311 | 99.622 | 6,865,513 | 7,538,478 | 76.329 |
| 1995 | 36,572 | 40,768 | 98.312 | 7,232,722 | 7,784,237 | 78.818 |
| 1996 | 36,959 | 40,387 | 97.392 | 7,659,651 | 8,106,740 | 82.083 |
| 1997 | 37,923 | 40,469 | 97.590 | 8,170,994 | 8,521,597 | 86.284 |

Continued on next page.

**Table 13.03-- GROSS STATE PRODUCT, HAWAII AND UNITED STATES:
1963 TO 2007-- Con.**

| Year and category | Hawaii | | | United States | | |
|-------------------|---------------------|--------------------------------|--------------------------------------|---------------------|--------------------------------|--------------------------------------|
| | Millions of dollars | | Chained quantity index (2000=100) 1/ | Millions of dollars | | Chained quantity index (2000=100) 1/ |
| | Current | Real (chained 2000 dollars) 1/ | | Current | Real (chained 2000 dollars) 1/ | |
| NAICS 2/ | | | | | | |
| 1997 | 37,546 | 40,412 | 100.523 | 8,237,994 | 8,620,955 | 88.428 |
| 1998 | 37,549 | 39,568 | 98.423 | 8,679,657 | 9,004,670 | 92.364 |
| 1999 | 38,625 | 39,747 | 98.869 | 9,201,138 | 9,404,251 | 96.463 |
| 2000 | 40,202 | 40,202 | 100.000 | 9,749,103 | 9,749,103 | 100.000 |
| 2001 | 41,822 | 40,626 | 101.055 | 10,058,168 | 9,836,576 | 100.897 |
| 2002 | 43,476 | 41,093 | 102.216 | 10,398,402 | 9,981,850 | 102.387 |
| 2003 | 46,441 | 42,580 | 105.914 | 10,886,172 | 10,225,679 | 104.888 |
| 2004 3/ | 50,414 | 44,636 | 111.030 | 11,607,041 | 10,580,223 | 108.525 |
| 2005 3/ | 54,863 | 46,939 | 116.758 | 12,346,871 | 10,899,704 | 111.802 |
| 2006 3/ | 58,676 | 48,428 | 120.461 | 13,119,938 | 11,240,107 | 115.294 |
| 2007 | 61,532 | 49,860 | 124.023 | 13,743,021 | 11,467,503 | 117.626 |

NA Not available.

1/ Real GSP is an inflation-adjusted measure of each State's gross product that is based on national prices for the goods and services produced within that State. The estimates of real GSP are derived by applying national implicit price deflators to the current-dollar GSP estimates for the detailed 63 industries. Then, the chain-type index formula that is used in the national accounts is used to calculate the estimates of total real GSP and of real GSP at a more aggregated industry level. BEA did not release real GSP estimates for 1963 to 1989 but instead published partial time series (1977-2005) of chain-weighted quantity indexes. Real GSP can be derived by multiplying each of the quantity indexes by the base year (2000) nominal GSP value and dividing the result by 100. BEA performed the calculations for 1990 to 2005 and DBEDT for 1977 to 1989. BEA did not release real GSP estimates for 1963 to 1976 nor the chain-weighted quantity indexes therefore, real GSP can not be derived for those years. Quantity indexes are now at 3-decimal place precision.

2/ There is a discontinuity in the GSP time series at 1997, where the data change from Standard Industrial Classification (SIC) industry definitions to North American Industry Classification System (NAICS) industry definitions. This discontinuity results from many sources, including differences in source data and different estimation methodologies. This data discontinuity may affect both the levels and the growth rates of the GSP estimates. Users of the GSP estimates are strongly cautioned against appending the two data series in an attempt to construct a single time series of GSP estimates for 1963 to 2007.

3/ Revised from previous *Data Book*.

Source: U.S. Bureau of Economic Analysis, Gross State Product by Industry for 1963 to 1997 <<http://www.bea.gov/bea/regional/gsp/>> accessed October 26, 2006 and 1997 to 2007 accessed June 5, 2008 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 13.04-- GROSS DOMESTIC PRODUCT, BY SIC INDUSTRY: 1977 TO 1997

[In millions of current dollars. GDP estimates of private industries for 1987 forward are presented on the basis of the 1987 Standard Industrial Classification code (SIC). Estimates for earlier years are presented on the basis of the 1972 SIC. BEA revised estimates for 2003 to 2006 and an advance estimate for 2007 on June 5, 2008 but 1977 through 1997 estimates have not been revised. Formerly called 'Gross State Product']

| Industry | 1977 | 1982 | 1987 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 |
|----------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| Total, all industries | 9,373 | 15,396 | 23,321 | 35,204 | 35,929 | 36,256 | 36,572 | 36,959 | 37,923 |
| Private industries | 6,762 | 11,303 | 17,794 | 27,422 | 27,904 | 28,327 | 28,634 | 28,981 | 29,613 |
| Agriculture, forestry, & fishing | 212 | 339 | 446 | 484 | 460 | 463 | 445 | 462 | 467 |
| Farms | 181 | 289 | 340 | 291 | 270 | 273 | 247 | 269 | 278 |
| Ag. serv, forestry, & fishing | 31 | 50 | 105 | 194 | 189 | 190 | 198 | 193 | 189 |
| Mining | (1) | 3 | 14 | 39 | 41 | 39 | 41 | 47 | 46 |
| Construction | 572 | 727 | 1,171 | 2,201 | 2,250 | 2,032 | 1,862 | 1,694 | 1,603 |
| Manufacturing | 512 | 684 | 989 | 1,227 | 1,068 | 1,111 | 1,077 | 1,106 | 1,063 |
| Transp. and public utilities | 940 | 1,454 | 2,331 | 3,385 | 3,271 | 3,455 | 3,744 | 3,869 | 3,970 |
| Wholesale trade | 460 | 655 | 920 | 1,358 | 1,405 | 1,459 | 1,445 | 1,476 | 1,480 |
| Retail trade | 995 | 1,628 | 2,516 | 3,731 | 3,876 | 3,972 | 4,040 | 4,124 | 4,173 |
| Finan., insurance, & real estate | 1,556 | 3,071 | 5,007 | 7,726 | 8,094 | 8,040 | 8,051 | 8,096 | 8,428 |
| Real estate | 1,213 | 2,284 | 3,625 | 6,211 | 6,481 | 6,501 | 6,592 | 6,691 | 6,872 |
| Services | 1,515 | 2,742 | 4,401 | 7,271 | 7,439 | 7,755 | 7,930 | 8,107 | 8,382 |
| Hotels & other lodging places | 436 | 780 | 1,105 | 1,692 | 1,704 | 1,824 | 1,934 | 2,056 | 2,170 |
| Health services | 316 | 589 | 970 | 1,754 | 1,861 | 1,958 | 2,001 | 2,021 | 2,046 |
| Other than hotels & health | 763 | 1,373 | 2,326 | 3,825 | 3,874 | 3,973 | 3,995 | 4,030 | 4,166 |
| Government | 2,611 | 4,093 | 5,526 | 7,782 | 8,026 | 7,930 | 7,938 | 7,978 | 8,310 |
| Federal government | 1,735 | 2,692 | 3,694 | 4,529 | 4,495 | 4,517 | 4,481 | 4,531 | 4,749 |
| Civilian | 680 | 1,127 | 1,415 | 1,732 | 1,756 | 1,799 | 1,855 | 1,818 | 1,985 |
| Military | 1,055 | 1,565 | 2,279 | 2,797 | 2,739 | 2,718 | 2,626 | 2,713 | 2,764 |
| State and local government | 876 | 1,401 | 1,832 | 3,254 | 3,531 | 3,412 | 3,457 | 3,447 | 3,561 |

1/ Less than \$500,000.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By Industry 1963 to 2007

<<http://www.bea.doc.gov/bea/regional/gsp/>> accessed June 5, 2008.

Table 13.05-- GROSS DOMESTIC PRODUCT, BY NAICS INDUSTRY: 1997 TO 2007

[In millions of current dollars.. Formerly called 'Gross State Product'. GDP estimates are on a North American Industry Classification System (NAICS) basis. Estimates for 1977 to 1997 are presented on the basis of the Standard Industrial Classification (SIC). See previous table]

| Industry | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 1/ | 2005 1/ | 2006 1/ | 2007 1/ |
|---|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| Total, all industries | 37,546 | 37,549 | 38,625 | 40,202 | 41,822 | 43,476 | 46,441 | 50,414 | 54,863 | 58,676 | 61,532 |
| Private industries | 29,254 | 29,201 | 30,050 | 31,505 | 32,732 | 33,619 | 35,839 | 38,890 | 42,427 | 45,318 | 47,413 |
| Agriculture, forestry, fishing, and hunting | 363 | 359 | 374 | 365 | 347 | 378 | 394 | 399 | 396 | 373 | 414 |
| Mining | 17 | 19 | 23 | 28 | 31 | 32 | 35 | 35 | 38 | 45 | 65 |
| Utilities | 868 | 858 | 859 | 829 | 877 | 794 | 848 | 873 | 903 | 992 | 1,068 |
| Construction | 1,687 | 1,676 | 1,655 | 1,863 | 1,977 | 2,222 | 2,448 | 2,644 | 3,222 | 3,435 | 3,419 |
| Manufacturing | 858 | 772 | 782 | 781 | 813 | 878 | 895 | 865 | 952 | 998 | 1,079 |
| Wholesale trade | 1,331 | 1,324 | 1,369 | 1,386 | 1,466 | 1,546 | 1,655 | 1,787 | 1,861 | 1,896 | 1,997 |
| Retail trade | 2,955 | 2,847 | 2,901 | 3,017 | 3,143 | 3,221 | 3,484 | 3,732 | 4,002 | 4,206 | 4,414 |
| Trans. & warehousing, excl. Postal Serv. | 1,621 | 1,627 | 1,741 | 1,838 | 1,881 | 1,583 | 1,578 | 1,818 | 1,992 | 2,231 | 2,345 |
| Information | 1,149 | 1,171 | 1,229 | 1,285 | 1,285 | 1,175 | 1,157 | 1,289 | 1,338 | 1,499 | 1,556 |
| Finance and insurance | 1,770 | 1,668 | 1,640 | 1,844 | 1,914 | 2,101 | 2,115 | 2,241 | 2,395 | 2,561 | 2,477 |
| Real estate, rental, and leasing | 6,154 | 6,232 | 6,571 | 6,769 | 7,081 | 7,105 | 7,625 | 8,425 | 9,563 | 10,217 | 10,867 |
| Professional and technical services | 1,634 | 1,670 | 1,668 | 1,707 | 1,853 | 1,917 | 2,100 | 2,243 | 2,450 | 2,642 | 2,807 |
| Management of companies & enterprises | 463 | 466 | 457 | 431 | 406 | 499 | 531 | 728 | 674 | 668 | 711 |
| Administrative and waste services | 959 | 972 | 1,070 | 1,161 | 1,258 | 1,410 | 1,619 | 1,672 | 1,854 | 2,037 | 2,013 |
| Educational services | 355 | 366 | 372 | 403 | 417 | 441 | 492 | 531 | 563 | 595 | 626 |
| Health care and social assistance | 2,372 | 2,464 | 2,507 | 2,653 | 2,822 | 2,954 | 3,184 | 3,378 | 3,590 | 3,797 | 4,054 |
| Arts, entertainment, and recreation | 485 | 492 | 487 | 490 | 507 | 547 | 553 | 591 | 605 | 637 | 668 |
| Accommodation and food services | 3,197 | 3,151 | 3,271 | 3,574 | 3,526 | 3,676 | 3,900 | 4,366 | 4,662 | 5,042 | 5,302 |
| Other services, except government | 1,016 | 1,067 | 1,073 | 1,080 | 1,126 | 1,142 | 1,226 | 1,272 | 1,367 | 1,450 | 1,532 |
| Government | 8,292 | 8,348 | 8,574 | 8,697 | 9,090 | 9,856 | 10,602 | 11,524 | 12,435 | 13,358 | 14,119 |
| Federal civilian | 1,985 | 2,037 | 2,095 | 2,244 | 2,277 | 2,499 | 2,653 | 2,784 | 2,898 | 3,062 | (NA) |
| Federal military | 2,764 | 2,753 | 2,760 | 2,878 | 3,112 | 3,331 | 3,636 | 4,077 | 4,509 | 4,930 | (NA) |
| State and local | 3,543 | 3,558 | 3,720 | 3,575 | 3,701 | 4,026 | 4,313 | 4,663 | 5,029 | 5,366 | (NA) |

NA Not available.

1/ Estimates for 2004 to 2006 are revised from previous *Data Book* and 2007 is advance.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By Industry 1963 to 2007 (June 5, 2008) <<http://www.bea.doc.gov/bea/regional/gsp/>> accessed June 5, 2008.

**Table 13.06-- TOTAL AND PER CAPITA PERSONAL INCOME
FOR THE UNITED STATES AND HAWAII: 1969 TO 2007**

| Year | Personal income (millions of dollars) | | Resident population (1,000's) 1/ | | Per capita personal income 2/ | | |
|---------|--|--------|-------------------------------------|--------|----------------------------------|--------|--|
| | U.S. | Hawaii | U.S. | Hawaii | Dollars | | Hawaii as percent of U.S. average |
| | | | | | U.S. | Hawaii | |
| 1969 | 772,235 | 3,375 | 201,298 | 743 | 3,836 | 4,543 | 118.4 |
| 1970 | 832,429 | 3,886 | 203,799 | 763 | 4,085 | 5,094 | 124.7 |
| 1971 | 897,952 | 4,225 | 206,818 | 792 | 4,342 | 5,338 | 122.9 |
| 1972 | 987,137 | 4,653 | 209,275 | 818 | 4,717 | 5,687 | 120.6 |
| 1973 | 1,105,605 | 5,172 | 211,349 | 842 | 5,231 | 6,143 | 117.4 |
| 1974 | 1,217,556 | 5,945 | 213,334 | 858 | 5,707 | 6,928 | 121.4 |
| 1975 | 1,329,892 | 6,483 | 215,457 | 875 | 6,172 | 7,409 | 120.0 |
| 1976 | 1,469,467 | 7,041 | 217,554 | 892 | 6,754 | 7,891 | 116.8 |
| 1977 | 1,627,310 | 7,650 | 219,761 | 916 | 7,405 | 8,353 | 112.8 |
| 1978 | 1,831,117 | 8,465 | 222,098 | 929 | 8,245 | 9,114 | 110.5 |
| 1979 | 2,053,827 | 9,602 | 224,569 | 950 | 9,146 | 10,107 | 110.5 |
| 1980 | 2,298,255 | 11,073 | 227,225 | 968 | 10,114 | 11,443 | 113.1 |
| 1981 | 2,580,600 | 12,015 | 229,466 | 978 | 11,246 | 12,283 | 109.2 |
| 1982 | 2,764,886 | 12,715 | 231,664 | 994 | 11,935 | 12,794 | 107.2 |
| 1983 | 2,949,883 | 14,087 | 233,792 | 1,013 | 12,618 | 13,910 | 110.2 |
| 1984 | 3,275,805 | 15,352 | 235,825 | 1,028 | 13,891 | 14,935 | 107.5 |
| 1985 | 3,511,344 | 16,311 | 237,924 | 1,040 | 14,758 | 15,688 | 106.3 |
| 1986 | 3,708,199 | 17,225 | 240,133 | 1,052 | 15,442 | 16,377 | 106.1 |
| 1987 | 3,934,655 | 18,386 | 242,289 | 1,068 | 16,240 | 17,217 | 106.0 |
| 1988 | 4,237,460 | 20,161 | 244,499 | 1,080 | 17,331 | 18,671 | 107.7 |
| 1989 | 4,571,133 | 22,462 | 246,819 | 1,095 | 18,520 | 20,521 | 110.8 |
| 1990 | 4,861,936 | 24,704 | 249,623 | 1,113 | 19,477 | 22,186 | 113.9 |
| 1991 | 5,032,196 | 26,026 | 252,981 | 1,137 | 19,892 | 22,895 | 115.1 |
| 1992 | 5,349,384 | 27,910 | 256,514 | 1,159 | 20,854 | 24,089 | 115.5 |
| 1993 | 5,548,121 | 28,799 | 259,919 | 1,173 | 21,346 | 24,555 | 115.0 |
| 1994 | 5,833,906 | 29,424 | 263,126 | 1,188 | 22,172 | 24,777 | 111.7 |
| 1995 | 6,144,741 | 29,926 | 266,278 | 1,197 | 23,076 | 25,004 | 108.4 |
| 1996 | 6,512,485 | 30,122 | 269,394 | 1,204 | 24,175 | 25,024 | 103.5 |
| 1997 | 6,907,332 | 31,002 | 272,647 | 1,212 | 25,334 | 25,587 | 101.0 |
| 1998 | 7,415,709 | 31,757 | 275,854 | 1,215 | 26,883 | 26,132 | 97.2 |
| 1999 | 7,796,137 | 32,646 | 279,040 | 1,210 | 27,939 | 26,973 | 96.5 |
| 2000 3/ | 8,422,074 | 34,451 | 282,194 | 1,212 | 29,845 | 28,435 | 95.3 |
| 2001 3/ | 8,716,992 | 35,126 | 285,112 | 1,219 | 30,574 | 28,826 | 94.3 |
| 2002 3/ | 8,872,871 | 36,370 | 287,888 | 1,229 | 30,821 | 29,599 | 96.0 |
| 2003 4/ | 9,150,320 | 37,837 | 290,448 | 1,240 | 31,504 | 30,506 | 96.8 |
| 2004 4/ | 9,711,363 | 41,027 | 293,192 | 1,254 | 33,123 | 32,713 | 98.8 |
| 2005 4/ | 10,284,356 | 44,283 | 295,896 | 1,268 | 34,757 | 34,935 | 100.5 |
| 2006 | 10,968,393 | 47,340 | 298,755 | 1,279 | 36,714 | 37,023 | 100.8 |
| 2007 5/ | 11,645,882 | 50,359 | 301,621 | 1,283 | 38,611 | 39,239 | 101.6 |

1/ Resident population as of July 1 of year indicated.

2/ Per capita personal income is total personal income divided by July 1 population.

3/ Population and per capita personal income data have been revised from previous *Data Book*.

4/ Income and population data have been revised from previous *Data Book*.

5/ Data for 2007 are preliminary.

Source: U.S. Bureau of Economic Analysis, State Personal Income, released March 26, 2008

<<http://www.bea.gov/bea/regional/spi/>> accessed March 26; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.07-- TOTAL AND PER CAPITA DISPOSABLE PERSONAL INCOME
FOR THE UNITED STATES AND HAWAII: 1969 TO 2007**

| Year | Disposable personal income (millions of dollars) | | Resident population (1,000's) 1/ | | Per capita disposable personal income 2/ | | Hawaii as percent of U.S. average |
|---------|---|--------|-------------------------------------|--------|---|--------|--|
| | U.S. | Hawaii | U.S. | Hawaii | Dollars | | |
| | | | | | U.S. | Hawaii | |
| 1969 | 668,431 | 2,893 | 201,298 | 743 | 3,321 | 3,893 | 117.2 |
| 1970 | 730,003 | 3,348 | 203,799 | 763 | 3,582 | 4,389 | 122.5 |
| 1971 | 796,776 | 3,703 | 206,818 | 792 | 3,853 | 4,677 | 121.4 |
| 1972 | 864,050 | 4,024 | 209,275 | 818 | 4,129 | 4,918 | 119.1 |
| 1973 | 973,708 | 4,485 | 211,349 | 842 | 4,607 | 5,328 | 115.7 |
| 1974 | 1,067,041 | 5,183 | 213,334 | 858 | 5,002 | 6,040 | 120.8 |
| 1975 | 1,182,746 | 5,786 | 215,457 | 875 | 5,489 | 6,613 | 120.5 |
| 1976 | 1,297,655 | 6,239 | 217,554 | 892 | 5,965 | 6,991 | 117.2 |
| 1977 | 1,430,350 | 6,747 | 219,761 | 916 | 6,509 | 7,368 | 113.2 |
| 1978 | 1,602,345 | 7,409 | 222,098 | 929 | 7,215 | 7,976 | 110.5 |
| 1979 | 1,785,867 | 8,378 | 224,569 | 950 | 7,952 | 8,818 | 110.9 |
| 1980 | 2,000,112 | 9,684 | 227,225 | 968 | 8,802 | 10,007 | 113.7 |
| 1981 | 2,236,313 | 10,514 | 229,466 | 978 | 9,746 | 10,748 | 110.3 |
| 1982 | 2,411,721 | 11,337 | 231,664 | 994 | 10,410 | 11,408 | 109.6 |
| 1983 | 2,598,458 | 12,570 | 233,792 | 1,013 | 11,114 | 12,412 | 111.7 |
| 1984 | 2,899,298 | 13,748 | 235,825 | 1,028 | 12,294 | 13,374 | 108.8 |
| 1985 | 3,095,021 | 14,545 | 237,924 | 1,040 | 13,008 | 13,990 | 107.5 |
| 1986 | 3,271,998 | 15,322 | 240,133 | 1,052 | 13,626 | 14,568 | 106.9 |
| 1987 | 3,446,741 | 16,131 | 242,289 | 1,068 | 14,226 | 15,106 | 106.2 |
| 1988 | 3,733,639 | 17,664 | 244,499 | 1,080 | 15,271 | 16,358 | 107.1 |
| 1989 | 4,006,239 | 19,472 | 246,819 | 1,095 | 16,231 | 17,789 | 109.6 |
| 1990 | 4,270,546 | 21,456 | 249,623 | 1,113 | 17,108 | 19,269 | 112.6 |
| 1991 | 4,446,970 | 22,472 | 252,981 | 1,137 | 17,578 | 19,769 | 112.5 |
| 1992 | 4,739,861 | 24,589 | 256,514 | 1,159 | 18,478 | 21,223 | 114.9 |
| 1993 | 4,902,527 | 25,397 | 259,919 | 1,173 | 18,862 | 21,655 | 114.8 |
| 1994 | 5,144,175 | 25,971 | 263,126 | 1,188 | 19,550 | 21,869 | 111.9 |
| 1995 | 5,401,598 | 26,559 | 266,278 | 1,197 | 20,286 | 22,190 | 109.4 |
| 1996 | 5,681,339 | 26,586 | 269,394 | 1,204 | 21,089 | 22,086 | 104.7 |
| 1997 | 5,982,027 | 27,341 | 272,647 | 1,212 | 21,941 | 22,565 | 102.8 |
| 1998 | 6,389,738 | 27,910 | 275,854 | 1,215 | 23,163 | 22,967 | 99.2 |
| 1999 | 6,689,767 | 28,625 | 279,040 | 1,210 | 23,974 | 23,651 | 98.7 |
| 2000 3/ | 7,187,588 | 30,111 | 282,194 | 1,212 | 25,470 | 24,853 | 97.6 |
| 2001 3/ | 7,480,971 | 30,701 | 285,112 | 1,219 | 26,239 | 25,195 | 96.0 |
| 2002 3/ | 7,822,136 | 32,308 | 287,888 | 1,229 | 27,171 | 26,293 | 96.8 |
| 2003 4/ | 8,150,333 | 33,841 | 290,448 | 1,240 | 28,061 | 27,284 | 97.2 |
| 2004 4/ | 8,666,164 | 36,712 | 293,192 | 1,254 | 29,558 | 29,272 | 99.0 |
| 2005 4/ | 9,076,542 | 39,161 | 295,896 | 1,268 | 30,675 | 30,894 | 100.7 |
| 2006 | 9,615,432 | 41,621 | 298,755 | 1,279 | 32,185 | 32,551 | 101.1 |
| 2007 5/ | 10,163,821 | 44,205 | 301,621 | 1,283 | 33,697 | 34,444 | 102.2 |

1/ Resident population as of July 1 of year indicated.

2/ Per capita disposable personal income is total disposable personal income divided by July 1 population.

3/ Population and per capita disposable personal income data have been revised from previous *Data Book*.

4/ Income and population data have been revised from previous *Data Book*.

5/ Data for 2007 are preliminary.

Source: U.S. Bureau of Economic Analysis, State Personal Income, released March 26, 2008

<<http://www.bea.gov/bea/regional/spi/>> accessed March 26, 2008; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.08-- PERSONAL INCOME BY MAJOR SOURCE, BY SIC INDUSTRY:
1998 TO 2001**

[In millions of dollars. Industries are grouped according to the Standard Industrial Classification (SIC) Code. BEA released personal income revisions for 2004 to 2006 on March 26, 2008. The SIC data here were not affected]

| Item | 1998 | 1999 | 2000 | 2001 |
|---|----------|----------|----------|----------|
| Personal income | 31,756.7 | 32,645.7 | 34,450.9 | 35,126.3 |
| Earnings by place of work | 24,412.5 | 25,133.1 | 26,478.3 | 26,959.9 |
| Wage and salary disbursements | 17,707.2 | 18,289.5 | 19,266.7 | 19,889.4 |
| Suppl. to wages and salaries 1/ | 4,224.9 | 4,129.1 | 4,324.7 | 4,663.9 |
| Proprietors' income 2/ | 2,480.5 | 2,714.6 | 2,886.8 | 2,406.5 |
| Farm proprietors' income | 40.4 | 49.6 | 11.0 | 15.2 |
| Nonfarm proprietors' income | 2,440.2 | 2,665.0 | 2,875.9 | 2,391.3 |
| Dividends, interest, and rent 3/ | 6,099.9 | 6,191.2 | 6,567.2 | 6,595.8 |
| Personal current transfer receipts 4/ | 3,735.9 | 3,882.4 | 4,073.7 | 4,356.7 |
| Less: Contrib. for gov't social ins. 5/ | 2,491.6 | 2,561.0 | 2,668.3 | 2,786.0 |
| Earnings by industry | 24,412.5 | 25,133.1 | 26,478.3 | 26,959.9 |
| Farm earnings | 220.5 | 251.7 | 212.0 | 214.8 |
| Nonfarm earnings | 24,192.0 | 24,881.4 | 26,266.3 | 26,745.1 |
| Private earnings | 16,835.2 | 17,384.7 | 18,595.9 | 18,658.6 |
| Ag. serv., forestry, fishing & oth. | 145.8 | 151.5 | 162.0 | 161.2 |
| Mining | 27.9 | 31.0 | 33.8 | 33.3 |
| Construction | 1,391.4 | 1,402.4 | 1,568.0 | 1,567.5 |
| Manufacturing | 846.6 | 871.8 | 902.6 | 886.9 |
| Durable goods | 197.7 | 209.4 | 237.7 | 259.4 |
| Nondurable goods | 648.9 | 662.4 | 664.9 | 627.5 |
| Transport. and public utilities | 1,920.4 | 1,977.3 | 2,108.7 | 2,209.5 |
| Wholesale trade | 876.4 | 901.0 | 956.5 | 950.1 |
| Retail trade | 2,675.3 | 2,831.2 | 2,850.8 | 2,807.1 |
| Finance, insur., and real estate | 2,011.1 | 2,091.5 | 2,319.8 | 2,160.4 |
| Services | 6,940.2 | 7,127.0 | 7,693.8 | 7,882.7 |
| Hotels and other lodging places | 1,400.7 | 1,419.8 | 1,545.3 | (NA) |
| Business services | 872.9 | 993.8 | 1,108.2 | (NA) |
| Health services | 1,897.6 | 1,899.3 | 2,016.9 | (NA) |
| Other | 2,769.0 | 2,814.1 | 3,023.5 | (NA) |
| Gov't and gov't enterprises | 7,356.8 | 7,496.7 | 7,670.4 | 8,086.5 |
| Federal | 4,291.0 | 4,339.9 | 4,592.6 | 4,820.0 |
| Federal, civilian | 1,872.5 | 1,917.8 | 2,062.9 | 2,091.3 |
| Military | 2,418.5 | 2,422.0 | 2,529.7 | 2,728.7 |
| State and local | 3,065.8 | 3,156.8 | 3,077.8 | 3,266.5 |
| State government | 2,241.8 | 2,322.5 | 2,274.0 | 2,440.8 |
| Local government | 824.0 | 834.3 | 803.8 | 825.7 |

Continued on next page.

**Table 13.08-- PERSONAL INCOME BY MAJOR SOURCE, BY SIC INDUSTRY:
1998 TO 2001 -- Con.**

NA Not available.

1/ This component of personal income consists of employer contributions for employee pension and insurance funds and of employer contributions for government social insurance.

2/ Proprietors' income includes the inventory valuation adjustment and the capital consumption adjustment.

3/ Rental income of persons includes the capital consumption adjustment.

4/ This component of personal income is payments to persons for which no current services are performed. It consists of payments to individuals and to nonprofit institutions by Federal, state, and local governments and by businesses.

5/ These contributions are included in earnings by type and industry, but are subtracted in the calculation of personal income. They consist of personal contributions for government social insurance and employer contributions for government social insurance.

Source: U.S. Bureau of Economic Analysis, State Personal Income, released September 26, 2006 <<http://www.bea.gov/bea/regional/spi/>> accessed September 26, 2006; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.09-- PERSONAL INCOME BY MAJOR SOURCE, BY NAICS
INDUSTRY: 2003 TO 2007**

[In millions of dollars. Industries are grouped according to the 2002 North American Industry Classification System. Estimates for 2003 to 2005 are revised from previous *Data Book*. Data for 2007 are preliminary]

| Item | 2003 | 2004 | 2005 | 2006 | 2007 |
|--|----------|----------|----------|----------|----------|
| PERSONAL INCOME | 37,836.9 | 41,027.3 | 44,282.9 | 47,339.5 | 50,358.8 |
| Earnings by place of work | 30,403.8 | 33,042.8 | 35,472.1 | 37,757.6 | 39,815.9 |
| Less: contrib. for gov't social insurance 1/ | 3,226.7 | 3,419.4 | 3,663.6 | 3,917.4 | 4,149.1 |
| Employee and self-employed | 1,595.7 | 1,735.4 | 1,869.2 | 2,001.3 | 2,120.7 |
| Employer | 1,631.0 | 1,684.0 | 1,794.4 | 1,916.1 | 2,028.4 |
| Net earnings by place of residence | 27,177.1 | 29,623.4 | 31,808.5 | 33,840.1 | 35,666.7 |
| Dividends, interest, and rent 2/ | 5,782.4 | 6,203.7 | 6,861.6 | 7,567.7 | 8,305.1 |
| Personal current transfer receipts 3/ | 4,877.4 | 5,200.1 | 5,612.8 | 5,931.7 | 6,387.0 |
| Wage and salary disbursements | 22,117.1 | 23,791.0 | 25,357.4 | 27,039.8 | 28,608.0 |
| Supp. to wages & salaries- employer contrib. | 5,846.8 | 6,542.0 | 7,143.2 | 7,621.0 | 8,055.4 |
| For employee pension and insurance funds | 4,215.8 | 4,858.0 | 5,348.8 | 5,704.8 | 6,027.0 |
| For government social insurance | 1,631.0 | 1,684.0 | 1,794.4 | 1,916.1 | 2,028.4 |
| Proprietors' income 4/ | 2,439.9 | 2,709.8 | 2,971.5 | 3,096.8 | 3,152.4 |
| Farm proprietors' income | 20.2 | (5/) | 2.8 | 0.6 | -0.1 |
| Nonfarm proprietors' income | 2,419.7 | 2,709.9 | 2,968.7 | 3,096.2 | 3,152.5 |
| Farm earnings | 217.3 | 221.0 | 217.5 | 216.4 | 222.1 |
| Nonfarm earnings | 30,186.5 | 32,821.8 | 35,254.6 | 37,541.2 | 39,593.8 |
| Private earnings | 20,608.7 | 22,441.1 | 24,030.7 | 25,493.9 | 26,860.3 |
| Forestry, fishing, rel. activities, & other | 65.4 | 55.6 | 53.6 | 53.0 | 43.6 |
| Mining | 36.8 | 44.5 | 50.5 | 53.2 | 57.2 |
| Utilities | 255.7 | 287.2 | 298.2 | 315.3 | 329.5 |
| Construction | 2,067.4 | 2,231.3 | 2,649.3 | 2,909.9 | 3,248.0 |
| Manufacturing | 753.1 | 887.3 | 944.0 | 978.3 | 1,053.3 |
| Wholesale trade | 901.3 | 959.4 | 1,011.4 | 1,072.5 | 1,145.2 |
| Retail trade | 2,081.7 | 2,191.6 | 2,324.0 | 2,433.0 | 2,523.1 |
| Transportation and warehousing | 1,218.0 | 1,343.6 | 1,481.1 | 1,544.5 | 1,625.5 |
| Information | 649.9 | 693.6 | 686.3 | 749.7 | 748.7 |
| Finance and insurance | 1,106.6 | 1,201.1 | 1,245.5 | 1,299.4 | 1,308.5 |
| Real estate and rental and leasing | 850.5 | 954.1 | 1,061.4 | 1,076.2 | 1,067.0 |
| Professional and technical services | 1,789.1 | 1,908.4 | 2,092.5 | 2,264.1 | 2,398.5 |
| Management of companies & enterprises | 491.1 | 694.2 | 633.0 | 629.5 | 683.0 |
| Administrative and waste services | 1,271.3 | 1,356.2 | 1,476.5 | 1,617.7 | 1,595.4 |
| Educational services | 439.3 | 468.1 | 490.9 | 519.3 | 549.2 |
| Health care and social assistance | 2,678.7 | 2,868.2 | 3,025.8 | 3,187.8 | 3,408.5 |
| Arts, entertainment, and recreation | 397.7 | 412.9 | 415.6 | 429.5 | 462.1 |
| Accommodation and food services | 2,565.1 | 2,849.4 | 2,995.3 | 3,200.7 | 3,385.0 |
| Other services, except public admin. | 990.1 | 1,034.3 | 1,095.8 | 1,160.4 | 1,229.0 |

Continued on next page.

**Table 13.09-- PERSONAL INCOME BY MAJOR SOURCE, BY NAICS
INDUSTRY: 2003 TO 2007 -- Con.**

| Item | 2003 | 2004 | 2005 | 2006 | 2007 |
|---------------------------------------|---------|----------|----------|----------|----------|
| Government and government enterprises | 9,577.8 | 10,380.8 | 11,223.9 | 12,047.3 | 12,733.4 |
| Federal | 5,716.0 | 6,279.5 | 6,803.2 | 7,334.7 | 7,754.9 |
| Civilian | 2,428.9 | 2,572.8 | 2,685.4 | 2,825.8 | 2,937.9 |
| Military | 3,287.1 | 3,706.7 | 4,117.8 | 4,508.9 | 4,817.0 |
| State and local | 3,861.8 | 4,101.3 | 4,420.7 | 4,712.7 | 4,978.5 |
| State | 2,864.8 | 3,144.4 | 3,396.8 | 3,626.9 | (NA) |
| Local | 997.0 | 956.8 | 1,023.9 | 1,085.8 | (NA) |

NA Not available.

1/ These contributions are included in earnings by type and industry, but are subtracted in the calculation of personal income. They consist of personal contributions for government social insurance and employer contributions for government social insurance.

2/ Rental income of persons includes the capital consumption adjustment.

3/ This component of personal income is payments to persons for which no current services are performed. It consists of payments to individuals and to nonprofit institutions by Federal, state, and local governments and by businesses.

4/ Proprietors' income includes the inventory valuation adjustment and the capital consumption adjustment.

5/ Value rounds to zero.

Source: U.S. Bureau of Economic Analysis, State Personal Income, released March 26, 2008
<<http://www.bea.gov/bea/regional/spi/>> accessed March 26, 2008; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 13.10-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND POPULATION BY COUNTY: 1969 TO 2007

| Year | State total | City and County of Honolulu | Hawaii | Kauai | Maui and Kalawao |
|-----------------------------|-------------|-----------------------------|---------|---------|------------------|
| Total (millions of dollars) | | | | | |
| 1969 | 3,375.3 | 2,868.5 | 225.5 | 110.8 | 170.6 |
| 1970 | 3,886.0 | 3,299.2 | 267.7 | 120.0 | 199.0 |
| 1971 | 4,225.4 | 3,572.0 | 300.6 | 133.4 | 219.3 |
| 1972 | 4,652.8 | 3,937.3 | 331.9 | 142.2 | 241.4 |
| 1973 | 5,171.6 | 4,375.3 | 368.8 | 159.7 | 267.8 |
| 1974 | 5,944.9 | 4,859.7 | 507.8 | 219.0 | 358.4 |
| 1975 | 6,482.9 | 5,391.6 | 503.4 | 209.6 | 378.3 |
| 1976 | 7,041.4 | 5,863.8 | 529.5 | 226.4 | 421.7 |
| 1977 | 7,649.6 | 6,346.7 | 581.7 | 248.3 | 472.9 |
| 1978 | 8,464.9 | 7,018.5 | 646.4 | 272.9 | 527.1 |
| 1979 | 9,602.1 | 7,934.9 | 741.3 | 313.0 | 613.0 |
| 1980 | 11,073.0 | 9,012.5 | 935.4 | 388.2 | 736.8 |
| 1981 | 12,014.9 | 9,896.3 | 944.7 | 399.6 | 774.3 |
| 1982 | 12,714.9 | 10,446.7 | 995.2 | 432.9 | 840.1 |
| 1983 | 14,087.0 | 11,468.3 | 1,133.0 | 492.2 | 993.5 |
| 1984 | 15,352.1 | 12,593.3 | 1,188.1 | 511.7 | 1,059.1 |
| 1985 | 16,310.9 | 13,369.5 | 1,241.3 | 549.4 | 1,150.8 |
| 1986 | 17,225.1 | 14,035.1 | 1,342.1 | 592.6 | 1,255.4 |
| 1987 | 18,385.9 | 14,964.3 | 1,429.4 | 632.9 | 1,359.3 |
| 1988 | 20,161.5 | 16,320.1 | 1,557.9 | 748.2 | 1,535.3 |
| 1989 | 22,462.1 | 18,029.6 | 1,789.6 | 868.7 | 1,774.2 |
| 1990 | 24,704.0 | 19,757.6 | 1,999.6 | 954.2 | 1,992.6 |
| 1991 | 26,026.5 | 20,738.1 | 2,167.6 | 1,033.4 | 2,087.4 |
| 1992 | 27,909.7 | 22,218.1 | 2,300.6 | 1,090.6 | 2,300.3 |
| 1993 | 28,799.0 | 22,826.5 | 2,418.5 | 1,133.1 | 2,421.0 |
| 1994 | 29,424.1 | 23,221.3 | 2,497.3 | 1,181.3 | 2,524.2 |
| 1995 | 29,926.4 | 23,565.3 | 2,552.2 | 1,226.0 | 2,583.0 |
| 1996 | 30,122.3 | 23,646.0 | 2,626.4 | 1,221.4 | 2,628.4 |
| 1997 | 31,001.9 | 24,363.5 | 2,693.9 | 1,238.4 | 2,706.1 |
| 1998 | 31,756.7 | 24,770.7 | 2,865.4 | 1,272.5 | 2,848.2 |
| 1999 | 32,645.7 | 25,302.8 | 2,987.1 | 1,319.4 | 3,036.5 |
| 2000 | 34,450.9 | 26,604.8 | 3,195.3 | 1,410.1 | 3,240.7 |
| 2001 | 35,126.3 | 26,976.0 | 3,371.2 | 1,434.0 | 3,345.0 |
| 2002 | 36,369.9 | 27,818.8 | 3,563.7 | 1,463.7 | 3,523.6 |
| 2003 | 37,836.9 | 28,885.5 | 3,721.7 | 1,538.5 | 3,691.2 |
| 2004 1/ 2/ | 41,027.3 | 31,244.1 | 4,056.2 | 1,684.9 | 4,042.1 |
| 2005 1/ 2/ | 44,282.9 | 33,684.4 | 4,439.8 | 1,820.0 | 4,338.6 |
| 2006 | 47,339.5 | 35,954.0 | 4,749.8 | 1,944.9 | 4,690.8 |
| 2007 | 50,358.8 | 38,002.7 | (NA) | (NA) | (NA) |

Continued on next page.

**Table 13.10-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND
POPULATION BY COUNTY: 1969 TO 2007-- Con.**

| Year | State total | City and County of Honolulu | Hawaii | Kauai | Maui and Kalawao |
|----------------------------|------------------------|--|---------------|--------------|-----------------------------|
| Per capita 3/ (dollars) | | | | | |
| 1969 | 4,543 | 4,754 | 3,573 | 3,687 | 3,675 |
| 1970 | 5,094 | 5,289 | 4,213 | 4,050 | 4,327 |
| 1971 | 5,338 | 5,643 | 4,090 | 4,014 | 4,235 |
| 1972 | 5,687 | 5,922 | 4,747 | 4,462 | 4,688 |
| 1973 | 6,143 | 6,399 | 5,062 | 4,909 | 5,082 |
| 1974 | 6,928 | 6,962 | 6,872 | 6,731 | 6,679 |
| 1975 | 7,409 | 7,617 | 6,520 | 6,292 | 6,675 |
| 1976 | 7,891 | 8,179 | 6,580 | 6,511 | 7,008 |
| 1977 | 8,353 | 8,635 | 7,041 | 7,012 | 7,535 |
| 1978 | 9,114 | 9,478 | 7,546 | 7,436 | 7,993 |
| 1979 | 10,107 | 10,532 | 8,322 | 8,232 | 8,815 |
| 1980 | 11,443 | 11,799 | 10,069 | 9,861 | 10,288 |
| 1981 | 12,283 | 12,893 | 9,828 | 9,878 | 10,457 |
| 1982 | 12,794 | 13,461 | 10,073 | 10,355 | 10,896 |
| 1983 | 13,910 | 14,533 | 11,244 | 11,501 | 12,410 |
| 1984 | 14,935 | 15,785 | 11,476 | 11,727 | 12,764 |
| 1985 | 15,688 | 16,623 | 11,722 | 12,386 | 13,515 |
| 1986 | 16,377 | 17,318 | 12,386 | 13,004 | 14,365 |
| 1987 | 17,217 | 18,284 | 12,793 | 13,408 | 15,015 |
| 1988 | 18,671 | 19,804 | 13,733 | 15,411 | 16,374 |
| 1989 | 20,521 | 21,688 | 15,350 | 17,427 | 18,325 |
| 1990 | 22,186 | 23,562 | 16,447 | 18,465 | 19,591 |
| 1991 | 22,895 | 24,383 | 17,032 | 19,360 | 19,767 |
| 1992 | 24,089 | 25,717 | 17,478 | 20,034 | 21,184 |
| 1993 | 24,555 | 26,227 | 17,903 | 20,430 | 21,627 |
| 1994 | 24,777 | 26,430 | 18,134 | 20,917 | 21,997 |
| 1995 | 25,004 | 26,736 | 18,166 | 21,482 | 21,909 |
| 1996 | 25,024 | 26,766 | 18,505 | 21,173 | 21,778 |
| 1997 | 25,587 | 27,476 | 18,650 | 21,458 | 22,041 |
| 1998 | 26,132 | 27,929 | 19,648 | 21,998 | 22,850 |
| 1999 | 26,973 | 28,789 | 20,324 | 22,646 | 24,068 |
| 2000 1/ | 28,435 | 30,401 | 21,435 | 24,101 | 25,146 |
| 2001 1/ | 28,826 | 30,742 | 22,347 | 24,416 | 25,445 |
| 2002 1/ | 29,599 | 31,492 | 23,268 | 24,625 | 26,532 |
| 2003 1/ | 30,506 | 32,488 | 23,808 | 25,635 | 27,365 |
| 2004 1/ | 32,713 | 34,875 | 25,331 | 27,619 | 29,474 |
| 2005 1/ | 34,935 | 37,343 | 26,946 | 29,511 | 31,190 |
| 2006 | 37,023 | 39,653 | 28,036 | 31,377 | 33,383 |
| 2007 | 39,239 | 41,964 | (NA) | (NA) | (NA) |

Continued on next page.

Table 13.10-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND POPULATION BY COUNTY: 1969 TO 2007-- Con.

| Year | State total | City and County of Honolulu | Hawaii | Kauai | Maui and Kalawao |
|---------------|-------------|-----------------------------|---------|--------|------------------|
| Population 3/ | | | | | |
| 1969 | 743,000 | 603,438 | 63,104 | 30,044 | 46,414 |
| 1970 | 762,920 | 623,756 | 63,549 | 29,620 | 45,995 |
| 1971 | 791,580 | 633,043 | 73,508 | 33,245 | 51,784 |
| 1972 | 818,104 | 664,830 | 69,922 | 31,864 | 51,488 |
| 1973 | 841,851 | 683,772 | 72,856 | 32,530 | 52,693 |
| 1974 | 858,121 | 698,033 | 73,891 | 32,536 | 53,661 |
| 1975 | 875,052 | 707,866 | 77,212 | 33,305 | 56,669 |
| 1976 | 892,335 | 716,911 | 80,481 | 34,770 | 60,173 |
| 1977 | 915,749 | 734,962 | 82,610 | 35,414 | 62,763 |
| 1978 | 928,816 | 740,505 | 85,661 | 36,700 | 65,950 |
| 1979 | 950,050 | 753,428 | 89,069 | 38,016 | 69,537 |
| 1980 | 967,710 | 763,820 | 92,897 | 39,369 | 71,624 |
| 1981 | 978,195 | 767,573 | 96,122 | 40,457 | 74,043 |
| 1982 | 993,780 | 776,075 | 98,798 | 41,804 | 77,103 |
| 1983 | 1,012,717 | 789,097 | 100,764 | 42,796 | 80,060 |
| 1984 | 1,027,922 | 797,791 | 103,528 | 43,634 | 82,969 |
| 1985 | 1,039,698 | 804,294 | 105,900 | 44,357 | 85,147 |
| 1986 | 1,051,762 | 810,444 | 108,362 | 45,567 | 87,389 |
| 1987 | 1,067,917 | 818,447 | 111,735 | 47,203 | 90,532 |
| 1988 | 1,079,827 | 824,072 | 113,439 | 48,549 | 93,767 |
| 1989 | 1,094,588 | 831,337 | 116,585 | 49,847 | 96,819 |
| 1990 | 1,113,491 | 838,534 | 121,572 | 51,676 | 101,709 |
| 1991 | 1,136,754 | 850,510 | 127,266 | 53,379 | 105,599 |
| 1992 | 1,158,613 | 863,959 | 131,630 | 54,439 | 108,585 |
| 1993 | 1,172,838 | 870,348 | 135,085 | 55,461 | 111,944 |
| 1994 | 1,187,536 | 878,591 | 137,713 | 56,478 | 114,754 |
| 1995 | 1,196,854 | 881,399 | 140,492 | 57,068 | 117,895 |
| 1996 | 1,203,755 | 883,443 | 141,935 | 57,688 | 120,689 |
| 1997 | 1,211,640 | 886,711 | 144,445 | 57,712 | 122,772 |
| 1998 | 1,215,233 | 886,909 | 145,833 | 57,843 | 124,648 |
| 1999 | 1,210,300 | 878,906 | 146,970 | 58,264 | 126,160 |
| 2000 1/ | 1,211,586 | 875,133 | 149,071 | 58,509 | 128,873 |
| 2001 1/ | 1,218,553 | 877,496 | 150,860 | 58,734 | 131,463 |
| 2002 1/ | 1,228,763 | 883,357 | 153,162 | 59,439 | 132,805 |
| 2003 1/ | 1,240,325 | 889,102 | 156,320 | 60,015 | 134,888 |
| 2004 1/ 2/ | 1,254,172 | 895,895 | 160,129 | 61,006 | 137,142 |
| 2005 1/ 2/ | 1,267,581 | 902,034 | 164,770 | 61,673 | 139,104 |
| 2006 | 1,278,635 | 906,715 | 169,419 | 61,986 | 140,515 |
| 2007 | 1,283,388 | 905,601 | (NA) | (NA) | (NA) |

1/ Revised from previous *Data Book*.

2/ State total differs from that in previous tables due to an earlier revision date.

3/ Per capita personal income was computed by BEA using Census Bureau midyear population estimates.

Estimates for 2000-2007 reflect county population estimates available as of August, 2008.

Source: U.S. Bureau of Economic Analysis, Local Area Personal Income, April 24, 2008 and August 7, 2008
<http://www.bea.gov/bea/regional/statelocal.htm> accessed April 24, 2008 and August 7, 2008.

Table 13.11-- PERFORMANCE INDEXES FOR METROPOLITAN STATISTICAL AREA, HONOLULU AND LAS VEGAS-PARADISE, NV: 2007

[United States average = 100.0 unless otherwise indicated. The higher the performance score, the lower the rank. The 2007 report was released in that year but includes data collected in 2006 while the previous report, the 2005, was released in 2006 but data were collected in 2005]

| Category and location 1/ | Score | Rank |
|---|--------|------|
| Honolulu 2/ | | |
| Overall 3/ | 283.90 | 40 |
| 5-year job growth (2001 to 2006, 2006 value) | 106.34 | 41 |
| 1-year job growth (2005 to 2006, 2006 value) | 100.50 | 62 |
| 5-year wages & salaries (2005 value) | 110.54 | 38 |
| 1-year wages & salaries (2005 value) | 100.95 | 68 |
| Job growth (March 2006 to March 2007) (percent) | 1.95 | 56 |
| 5-year relative high-tech GDP (2006 value) | 103.04 | 71 |
| 1-yr Relative high-tech GDP (2006 value) | 102.81 | 30 |
| High-tech GDP location quotient in 2006 (U.S. = 1.0) 4/ | 0.52 | 154 |
| High-tech GDP location quotients over 1 in 2006 (number) 5/ | 4 | 115 |
| Las Vegas-Paradise, NV 2/ | | |
| Overall 3/ | 154.09 | 9 |
| 5-year job growth (2001 to 2006, 2006 value) | 122.40 | 4 |
| 1-year job growth (2005 to 2006, 2006 value) | 103.50 | 5 |
| 5-year wages & salaries (2005 value) | 126.32 | 5 |
| 1-year wages & salaries (2005 value) | 106.31 | 4 |
| Job growth (March 2006 to March 2007) (percent) | 3.23 | 18 |
| 5-year relative high-tech GDP (2006 value) | 116.23 | 25 |
| 1-yr Relative high-tech GDP (2006 value) | 101.95 | 39 |
| High-tech GDP location quotient in 2006 (U.S. = 1.0) 4/ | 0.42 | 181 |
| High-tech GDP location quotients over 1 in 2006 (number) 5/ | 2 | 173 |

1/ As compared to the United States average.

2/ Metropolitan Statistical Area (MSA) population for Honolulu is 910,000 and for Las Vegas-Paradise, NV is 1,778,000.

3/ Overall score is 100.00 for Ocala FL, the MSA achieving a rank of 1 in 2007.

4/ Combined metropolitan area high-tech location quotient (LQ) where LQ is a measure of high-tech concentration. A metro with an LQ higher than 1.0 is said to be more concentrated than the United States and vice versa.

5/ Measures the number of highly concentrated high-tech industries or those with a location quotient (LQ) compared to the U.S. average of 1.0.

Source: Milken Institute, "Best Performing Cities : 2007" (September 2007)

<http://bestcities.milkeninstitute.org/2007_200_Metros.pdf> accessed October 23, 2007. See also <http://www.milkeninstitute.org/pdf/best_prfrmng_cities.pdf>.

**Table 13.12-- ECONOMIC ESTIMATES AND PROJECTIONS FOR THE
STATE AND BY COUNTY: 2005 TO 2035**

[See Section 1 for population projections from the same source]

| Year | Gross state product (millions of 2000 dollars) | Personal income | | |
|----------|--|--|---|--|
| | | Total personal income (millions of 2000 dollars) | Per capita personal income (2000 dollars) | Labor income (millions of 2000 dollars) 1/ |
| State | | | | |
| 2005 2/ | 46,920 | 39,140 | 30,694 | 31,486 |
| 2010 | 53,290 | 43,370 | 32,540 | 34,830 |
| 2015 | 58,570 | 47,630 | 33,760 | 38,110 |
| 2020 | 63,580 | 51,760 | 34,910 | 41,090 |
| 2025 | 69,260 | 56,390 | 36,330 | 44,350 |
| 2030 | 75,440 | 61,420 | 37,920 | 47,770 |
| 2035 | 82,200 | 66,880 | 39,690 | 51,370 |
| Honolulu | | | | |
| 2005 2/ | (NA) | 29,695 | 32,803 | 24,381 |
| 2010 | (NA) | 32,650 | 35,030 | 26,790 |
| 2015 | (NA) | 35,650 | 36,610 | 29,200 |
| 2020 | (NA) | 38,520 | 38,120 | 31,380 |
| 2025 | (NA) | 41,740 | 39,900 | 33,790 |
| 2030 | (NA) | 45,250 | 41,870 | 36,340 |
| 2035 | (NA) | 49,080 | 44,080 | 39,070 |
| Hawaii | | | | |
| 2005 2/ | (NA) | 3,945 | 23,583 | 2,818 |
| 2010 | (NA) | 4,530 | 24,360 | 3,220 |
| 2015 | (NA) | 5,110 | 24,820 | 3,590 |
| 2020 | (NA) | 5,700 | 25,340 | 3,930 |
| 2025 | (NA) | 6,370 | 26,180 | 4,310 |
| 2030 | (NA) | 7,110 | 27,200 | 4,700 |
| 2035 | (NA) | 7,910 | 28,340 | 5,110 |

Continued on next page.

Table 13.12-- ECONOMIC ESTIMATES AND PROJECTIONS FOR THE STATE AND BY COUNTY: 2005 TO 2035-- Con.

| Year | Gross state product (millions of 2000 dollars) | Personal income | | Labor income (millions of 2000 dollars) 1/ |
|---------|---|--|---|---|
| | | Total personal income (millions of 2000 dollars) | Per capita personal income (2000 dollars) | |
| Maui | | | | |
| 2005 2/ | (NA) | 3,882 | 27,732 | 3,075 |
| 2010 | (NA) | 4,400 | 29,440 | 3,480 |
| 2015 | (NA) | 4,900 | 30,280 | 3,850 |
| 2020 | (NA) | 5,380 | 31,020 | 4,190 |
| 2025 | (NA) | 5,910 | 31,940 | 4,550 |
| 2030 | (NA) | 6,470 | 32,960 | 4,900 |
| 2035 | (NA) | 7,070 | 34,060 | 5,240 |
| Kauai | | | | |
| 2005 2/ | (NA) | 1,618 | 25,824 | 1,212 |
| 2010 | (NA) | 1,780 | 27,310 | 1,340 |
| 2015 | (NA) | 1,970 | 28,370 | 1,460 |
| 2020 | (NA) | 2,160 | 29,310 | 1,580 |
| 2025 | (NA) | 2,360 | 30,470 | 1,700 |
| 2030 | (NA) | 2,580 | 31,760 | 1,820 |
| 2035 | (NA) | 2,820 | 33,130 | 1,940 |

NA Not available.

1/ Labor income is the sum of wages and salaries, supplements to wages and salaries, and proprietors' income.

2/ Actual data.

Source: Hawaii Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2035* (January 2008), table 1-3 and Appendix table A-57 <http://hawaii.gov/dbedt/info/economic/data_reports/2035LongRangeSeries/> accessed June 10, 2008.

Table 13.13-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES, UNRELATED INDIVIDUALS, AND PERSONS: 1949 TO 1999

[In dollars. Based on censuses made in April of following year]

| Year | Households | Families | Unrelated individuals with income 1/ | Persons with income 1/ | |
|------|------------|----------|--------------------------------------|------------------------|-----------|
| | | | | Male | Female |
| 1949 | (NA) | 3,568 | 1,583 | 2,340 | 1,247 |
| 1959 | (NA) | 6,366 | 1,998 | 3,753 | 1,796 |
| 1969 | 10,675 | 11,664 | 2,981 | 6,528 | 3,222 |
| 1979 | 20,473 | 22,750 | 7,097 | 11,505 | 6,581 |
| 1989 | 38,829 | 43,176 | (NA) | 21,095 | 12,976 |
| 1999 | 49,820 | 56,961 | (NA) | 2/ 36,808 | 2/ 29,831 |

NA Not available.

1/ 14 years old and over through 1969, and 15 years old and over thereafter.

2/ Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions see <http://factfinder.census.gov/home/en/datanotes/expsf4.htm>.

Source: U.S. Bureau of the Census, *Census of Population: 1960*, PC(1)-13C (1962), tables 66 and 67 (for 1949 data); *1970 Census of Population*, PC(1)-C13 (December 1971), table 47 (for 1959 data); *1980 Census of Population*, PC80-1-C-13 (June 1983), table 61 (for 1969 and 1979 data); *1990 Census of Population and Housing*, 1990 CP-2-13 (September 1993), table 28 (for 1989 data); and U.S. Census Bureau, *Census 2000, Table DP-3 Profile of Selected Economic Characteristics: 2000* (for 1999 data) <<http://www.hawaii.gov/dbedt/census2k/profile-state/index.html>> accessed July 23, 2002 and U.S. Census Bureau, *Census 2000 Summary File 4 (SF 4) - Sample Data, PCT133. Median Income in 1999 dollars, by sex, by work experience in 1999 for the Population 15 years and over with income.*

Table 13.14-- MEDIAN INCOME OF FOUR-PERSON FAMILIES IN THE UNITED STATES AND HAWAII: 1974 TO 2006

[Based on small samples and subject to considerable sampling variation. From surveys taken in March or April of following year. The methodology used to compute 4-person family median income by state uses the most recent data available from the March Current Population Survey (CPS), the American Community Survey and the decennial census of population conducted by the Census Bureau, as well as per capita personal income estimates produced by the Bureau of Economic Analysis. The Census Bureau recommends 2-year averages to evaluate changes in state estimates over time, and 3-year averages to compare the relative ranking of states]

| Calendar year 1/ | United States (dollars) | Hawaii (dollars) | Hawaii rank 2/ | Hawaii as percent of U.S. |
|-------------------------|--------------------------------|-------------------------|-----------------------|----------------------------------|
| 1974 | 14,747 | 17,069 | 2 | 115.7 |
| 1975 | 15,848 | 18,825 | 2 | 118.8 |
| 1976 | 17,315 | 20,113 | 2 | 116.2 |
| 1977 | 18,723 | 21,718 | 2 | 116.0 |
| 1978 | 20,428 | 22,475 | 3 | 110.0 |
| 1979 | 22,395 | 24,582 | 7 | 109.8 |
| 1980 3/ | 24,332 | 27,514 | 4 | 113.1 |
| 1981 | 26,274 | 29,295 | 6 | 111.5 |
| 1982 | 27,619 | 30,019 | 9 | 108.7 |
| 1983 | 29,184 | 31,614 | 10 | 108.3 |
| 1984 | 31,097 | 33,445 | 11 | 107.6 |
| 1985 | 32,777 | 34,636 | 10 | 105.7 |
| 1986 | 34,716 | 36,618 | 11 | 105.5 |
| 1987 | 36,812 | 40,878 | 6 | 111.0 |
| 1988 | 39,051 | 42,353 | 8 | 108.5 |
| 1989 | 40,763 | 44,988 | 8 | 110.4 |
| 1990 | 41,451 | 50,234 | 6 | 121.2 |
| 1991 | 43,056 | 49,367 | 6 | 114.7 |
| 1992 | 44,251 | 50,856 | 5 | 114.9 |
| 1993 | 45,161 | 54,856 | 4 | 121.5 |
| 1994 | 47,012 | 56,992 | 5 | 121.2 |
| 1995 4/ | 49,687 | 54,749 | 6 | 110.2 |
| 1996 | 51,518 | 57,909 | 6 | 112.4 |
| 1997 | 53,350 | 58,474 | 10 | 109.6 |
| 1998 5/ | 56,061 | 61,540 | 10 | 109.8 |
| 1999 | 59,981 | 66,402 | 7 | 110.7 |
| 2000 | 62,228 | 65,872 | 15 | 105.9 |
| 2001 6/ | 63,278 | 66,014 | 16 | 104.3 |
| 2002 | 62,732 | 67,564 | 13 | 107.7 |
| 2003 | 65,093 | 71,320 | 12 | 109.6 |
| 2004 | 66,111 | 73,477 | 10 | 111.1 |
| 2005 | 67,019 | 79,240 | 6 | 118.2 |
| 2006 | 70,354 | 84,472 | 6 | 120.1 |

Continued on next page.

Table 13.14-- MEDIAN INCOME OF FOUR-PERSON FAMILIES IN THE UNITED STATES AND HAWAII: 1974 TO 2006 -- Con.

1/ The term "calendar year" refers to the year the money income was received by the Current Population Survey respondents. Previous Data Book's tables included "fiscal year" (or, for this program, calendar year plus 3) which referred to the time period used for eligibility for the Department of Health and Human Services's Low Income Home Energy Assistance Program (LIHEAP). Estimates are as published in the *Federal Register*.

2/ Rank computed among the 50 states and the District of Columbia. Rank of 1 indicates the highest median income.

3/ Implementation of 1980 census population controls in CPS estimates.

4/ Implementation of 1990 census population controls in CPS estimates.

5/ In 1999, The U.S. Bureau of Economic Analysis revised its methodology in estimating personal per capita income.

6/ Implementation of Census 2000-based population controls in CPS estimates.

Source: U.S. Census Bureau, Median Income for 4-Person Families, By State, 1974-2003 (FY 1977-2006) <<http://www.census.gov/hhes/income/4person.html>> accessed April 25, 2005; and *Federal Register*: February 28, 2006 (Volume 71, Number 39), pp. 10037-10039 <<http://www.gpoaccess.gov/fr/index.html>> accessed April 25, 2006; *Federal Register*: March 28, 2007 (Volume 72, Number 59) pp. 14579-14581 <<http://www.gpoaccess.gov/fr/index.html>> accessed April 26, 2007; *Federal Register*: March 5, 2008 (Volume 73, Number 44), pp. 11924-11926 <<http://www.gpoaccess.gov/fr/index.html>> accessed March 31, 2008; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 13.15 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, IN CURRENT AND CONSTANT 2006 DOLLARS: 1984 TO 2006

[Based on small samples and subject to considerable sampling variation. From surveys conducted in March or April of following year. Median income in current and 2006 CPI-U-RS adjusted dollars. The CPI-U-RS is a price index of inflation that incorporates most of the improvements in methodology made to the current CPI-U since 1978 into a single, uniform series. The Census Bureau recommends 2-year averages to evaluate changes in state estimates over time, and 3-year averages to compare the relative ranking of states]

| Year | Median income in current dollars | | | | | |
|----------|----------------------------------|----------------|----------------|------------------|----------------|----------------|
| | United States | | | Hawaii | | |
| | Amount (dollars) | Percent change | Standard error | Amount (dollars) | Percent change | Standard error |
| 1984 1/ | 22,415 | (NA) | 102 | 28,877 | (NA) | 1,216 |
| 1985 2/ | 23,618 | 5.4 | 128 | 28,961 | 0.3 | 1,446 |
| 1986 | 24,897 | 5.4 | 129 | 29,003 | 0.1 | 1,206 |
| 1987 3/ | 25,986 | 4.4 | 127 | 35,022 | 20.8 | 1,074 |
| 1988 | 27,225 | 4.8 | 139 | 33,024 | -5.7 | 1,482 |
| 1989 | 28,906 | 6.2 | 159 | 35,035 | 6.1 | 1,328 |
| 1990 | 29,943 | 3.6 | 153 | 38,921 | 11.1 | 1,414 |
| 1991 | 30,126 | 0.6 | 144 | 37,246 | -4.3 | 1,630 |
| 1992 4/ | 30,636 | 1.7 | 145 | 42,113 | 13.1 | 1,435 |
| 1993 5/ | 31,241 | 2.0 | 146 | 42,662 | 1.3 | 1,759 |
| 1994 6/ | 32,264 | 3.3 | 147 | 42,255 | -1.0 | 2,423 |
| 1995 7/ | 34,076 | 5.6 | 197 | 42,851 | 1.4 | 1,292 |
| 1996 | 35,492 | 4.2 | 179 | 41,772 | -2.5 | 1,893 |
| 1997 | 37,005 | 4.3 | 171 | 40,934 | -2.0 | 1,399 |
| 1998 | 38,885 | 5.1 | 230 | 40,827 | -0.3 | 2,369 |
| 1999 8/ | 40,696 | 4.7 | 190 | 44,504 | 9.0 | 1,832 |
| 2000 9/ | 41,990 | 3.2 | 132 | 51,546 | 15.8 | 1,193 |
| 2001 | 42,228 | 0.6 | 129 | 47,439 | -8.0 | 1,256 |
| 2002 | 42,409 | 0.4 | 139 | 47,303 | -0.3 | 1,371 |
| 2003 | 43,318 | 2.1 | 188 | 51,834 | 9.6 | 1,332 |
| 2004 10/ | 44,334 | 2.3 | 196 | 56,242 | 8.5 | 1,690 |
| 2005 | 46,326 | 4.5 | 155 | 59,586 | 5.9 | 1,212 |
| 2006 | 48,201 | 4.0 | 207 | 60,470 | 1.5 | 1,571 |

Continued on next page.

Table 13.15 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, IN CURRENT AND CONSTANT 2006 DOLLARS: 1984 TO 2006 -- Con.

| Year | Median income in constant (2006) dollars | | | | | |
|----------|--|----------------|----------------|------------------|----------------|----------------|
| | United States | | | Hawaii | | |
| | Amount (dollars) | Percent change | Standard error | Amount (dollars) | Percent change | Standard error |
| 1984 1/ | 41,430 | (NA) | 189 | 53,374 | (NA) | 2,248 |
| 1985 2/ | 42,205 | 1.9 | 229 | 51,752 | -3.0 | 2,584 |
| 1986 | 43,699 | 3.5 | 226 | 50,906 | -1.6 | 2,117 |
| 1987 3/ | 44,120 | 1.0 | 216 | 59,461 | 16.8 | 1,823 |
| 1988 | 44,587 | 1.1 | 228 | 54,084 | -9.0 | 2,427 |
| 1989 | 45,382 | 1.8 | 250 | 55,005 | 1.7 | 2,085 |
| 1990 | 44,778 | -1.3 | 229 | 58,205 | 5.8 | 2,115 |
| 1991 | 43,492 | -2.9 | 208 | 53,772 | -7.6 | 2,353 |
| 1992 4/ | 43,135 | -0.8 | 204 | 59,295 | 10.3 | 2,020 |
| 1993 5/ | 42,926 | -0.5 | 201 | 58,618 | -1.1 | 2,417 |
| 1994 6/ | 43,405 | 1.1 | 198 | 56,846 | -3.0 | 3,260 |
| 1995 7/ | 44,764 | 3.1 | 259 | 56,292 | -1.0 | 1,697 |
| 1996 | 45,416 | 1.5 | 229 | 53,452 | -5.0 | 2,422 |
| 1997 | 46,350 | 2.1 | 214 | 51,271 | -4.1 | 1,752 |
| 1998 | 48,034 | 3.6 | 284 | 50,433 | -1.6 | 2,926 |
| 1999 8/ | 49,244 | 2.5 | 230 | 53,852 | 6.8 | 2,217 |
| 2000 9/ | 49,163 | -0.2 | 155 | 60,351 | 12.1 | 1,397 |
| 2001 | 48,091 | -2.2 | 147 | 54,026 | -10.5 | 1,430 |
| 2002 | 47,530 | -1.2 | 156 | 53,014 | -1.9 | 1,537 |
| 2003 | 47,488 | -0.1 | 206 | 56,824 | 7.2 | 1,460 |
| 2004 10/ | 47,323 | -0.3 | 209 | 60,033 | 5.6 | 1,804 |
| 2005 | 47,845 | 1.1 | 160 | 61,540 | 2.5 | 1,252 |
| 2006 | 48,201 | 0.7 | 207 | 60,470 | -1.7 | 1,571 |

NA Not available.

1/ Data reflect implementation of Hispanic population weighting controls and introduction of 1980 census-based sample design.

2/ Recording of amounts for earnings from longest job were increased to \$299,999. Data reflect full implementation of 1980 census-based sample design.

3/ Data reflect implementation of a new March CPS processing system.

4/ Data reflect implementation of 1990 census population controls.

5/ Data collection method changed from paper and pencil to computer-assisted interviewing. In addition, the March 1994 income supplement was revised to allow for the coding of different income amounts on selected questionnaire items. Child support and alimony limits decreased to \$49,999. Limits increased in the following categories: earnings to \$999,999; social security to \$49,999; supplemental security income and public assistance income to \$24,999; and veterans' benefits to \$99,999.

6/ Data reflect introduction of 1990 census-based sample design.

7/ Data reflect full implementation of the 1990 census-based sample design and metropolitan definitions, 7,000 household sample reduction, and revised race edits.

8/ Implementation of Census 2000-based population controls.

9/ Implementation of a 28,000 household sample expansion.

10/ Data have been revised to reflect a correction to the weights in the 2005 Annual Social and Economic Supplement to the Current Population Survey.

Source: U.S. Census Bureau, Historical Income Tables - Households, Table H-8. Median Household Income by State: 1984 to 2006 <<http://www.census.gov/hhes/www/income/histinc/h08.html>> accessed December 12, 2007.

Table 13.16- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 2-YEAR MOVING AVERAGES IN CONSTANT 2006 DOLLARS: 1984 TO 2006

[Based on small samples and subject to considerable sampling variation. From surveys conducted in March or April of following year. The Census Bureau recommends 2-year averages to evaluate changes in state estimates over time, and 3-year averages to compare the relative ranking of states]

| Year | Median income, 2-year moving averages 1/ | | | | | |
|------------------|--|----------------|----------------|------------------|----------------|----------------|
| | United States | | | Hawaii | | |
| | Income (dollars) | Percent change | Standard error | Income (dollars) | Percent change | Standard error |
| 1984-1985 | 41,817 | (NA) | 172 | 52,563 | (NA) | 1,987 |
| 1985-1986 | 42,952 | 2.7 | 187 | 51,329 | -2.3 | 1,936 |
| 1986-1987 | 43,909 | 2.2 | 182 | 55,183 | 7.5 | 1,621 |
| 1987-1988 | 44,353 | 1.0 | 182 | 56,773 | 2.9 | 1,755 |
| 1988-1989 | 44,985 | 1.4 | 196 | 54,544 | -3.9 | 1,856 |
| 1989-1990 | 45,080 | 0.2 | 197 | 56,605 | 3.8 | 1,725 |
| 1990-1991 | 44,135 | -2.1 | 179 | 55,988 | -1.1 | 1,837 |
| 1991-1992 | 43,314 | -1.9 | 169 | 56,533 | 1.0 | 1,799 |
| 1992-1993 | 43,030 | -0.7 | 166 | 58,956 | 4.3 | 1,826 |
| 1993-1994 | 43,165 | 0.3 | 164 | 57,732 | -2.1 | 2,344 |
| 1994-1995 | 44,085 | 2.1 | 188 | 56,569 | -2.0 | 2,084 |
| 1995-1996 | 45,090 | 2.3 | 201 | 54,872 | -3.0 | 1,705 |
| 1996-1997 | 45,883 | 1.8 | 182 | 52,361 | -4.6 | 1,725 |
| 1997-1998 | 47,192 | 2.9 | 206 | 50,852 | -2.9 | 1,951 |
| 1998-1999 2/ | 48,639 | 3.1 | 212 | 52,143 | 2.5 | 2,122 |
| 1999 2/ -2000 3/ | 49,203 | 1.2 | 159 | 57,102 | 9.5 | 1,503 |
| 2000 3/ -2001 | 48,627 | -1.2 | 124 | 57,188 | 0.2 | 1,161 |
| 2001-2002 | 47,810 | -1.7 | 124 | 53,520 | -6.4 | 1,219 |
| 2002-2003 | 47,509 | -0.6 | 149 | 54,919 | 2.6 | 1,231 |
| 2003-2004 4/ | 47,405 | -0.2 | 171 | 58,428 | 6.4 | 1,344 |
| 2004 4/ -2005 | 47,584 | 0.4 | 152 | 60,787 | 4.0 | 1,265 |
| 2005 -2006 | 48,023 | 0.9 | 151 | 61,005 | 0.4 | 1,163 |

NA Not available.

1/ Median income in 2006 CPI-U-RS adjusted dollars. The CPI-U-RS is a price index of inflation that incorporates most of the improvements in methodology made to the current CPI-U since 1978 into a single, uniform series. Base year was 2005 in *Data Book 2006*.

2/ Implementation of Census 2000-based population controls.

3/ Implementation of a 28,000 household sample expansion.

4/ 2004 data have been revised to reflect a correction to the weights in the 2005 Annual Social and Economic Supplement to the Current Population Survey.

Source: U.S. Census Bureau, Historical Income Tables - Households, Table H-8A. Median Money Income of Households, by State: 1984 to 2006 (Two-year moving averages)

<<http://www.census.gov/hhes/www/income/histinc/h08a.html>> accessed February 7, 2008

Table 13.17- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 3-YEAR MOVING AVERAGES IN CONSTANT 2006 DOLLARS: 1984 TO 2006

[Based on small samples and subject to considerable sampling variation. From surveys conducted in March or April of following year. The Census Bureau recommends 2-year averages to evaluate changes in state estimates over time, and 3-year averages to compare the relative ranking of states]

| Year | Median income, 3-year moving averages 1/ | | |
|----------------|--|----------------|-----------------|
| | United States (dollars) | Standard error | Rank between 2/ |
| 1984-1986 | 42,444 | 151 | 22-23 |
| 1985-1987 | 43,341 | 157 | 23-24 |
| 1986-1988 | 44,135 | 156 | 24-25 |
| 1987-1989 | 44,696 | 162 | 22-23 |
| 1988-1990 | 44,916 | 165 | 21-22 |
| 1989-1991 | 44,551 | 160 | 21-22 |
| 1990-1992 | 43,802 | 149 | 23-24 |
| 1991-1993 | 43,184 | 143 | 23-24 |
| 1992-1994 | 43,155 | 140 | 23-24 |
| 1993-1995 | 43,698 | 153 | 22-23 |
| 1994-1996 | 44,528 | 162 | 22-23 |
| 1995-1997 | 45,510 | 164 | 22-23 |
| 1996-1998 | 46,600 | 169 | 22-23 |
| 1997 -1999 3/ | 47,876 | 172 | 22-23 |
| 1998 -2000 4/ | 48,814 | 159 | 21-22 |
| 1999 3/ - 2001 | 48,833 | 124 | 20-21 |
| 2000 4/ - 2002 | 48,261 | 106 | 24-25 |
| 2001-2003 | 47,703 | 119 | 24-25 |
| 2002-2004 5/ | 47,447 | 135 | 20-21 |
| 2003-2005 | 47,552 | 136 | 21-22 |
| 2004-2006 | 47,790 | 133 | 22-23 |

Continued on next page.

Table 13.17- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 3-YEAR MOVING AVERAGES IN CONSTANT 2006 DOLLARS: 1984 TO 2006 -- Con.

| Year | Median income, 3-year moving averages 1/ | | |
|----------------|--|----------------|---------|
| | Hawaii (dollars) | Standard error | Rank 2/ |
| 1984-1986 | 52,011 | 1,636 | 5 |
| 1985-1987 | 54,040 | 1,528 | 5 |
| 1986-1988 | 54,817 | 1,472 | 6 |
| 1987-1989 | 56,183 | 1,498 | 5 |
| 1988-1990 | 55,764 | 1,540 | 6 |
| 1989-1991 | 55,660 | 1,525 | 6 |
| 1990-1992 | 57,090 | 1,524 | 3 |
| 1991-1993 | 57,228 | 1,571 | 3 |
| 1992-1994 | 58,253 | 1,810 | 2 |
| 1993-1995 | 57,252 | 1,787 | 2 |
| 1994-1996 | 55,530 | 1,704 | 3 |
| 1995-1997 | 53,672 | 1,401 | 5 |
| 1996-1998 | 51,719 | 1,635 | 14 |
| 1997 -1999 3/ | 51,852 | 1,656 | 16 |
| 1998 -2000 4/ | 54,879 | 1,568 | 10 |
| 1999 3/ - 2001 | 56,076 | 1,177 | 9 |
| 2000 4/ - 2002 | 55,797 | 1,016 | 10 |
| 2001-2003 | 54,621 | 1,035 | 11 |
| 2002-2004 5/ | 56,624 | 1,114 | 8 |
| 2003-2005 | 59,466 | 1,074 | 4 |
| 2004-2006 | 60,681 | 1,067 | 3 |

1/ Median income in 2006 CPI-U-RS adjusted dollars. The CPI-U-RS is a price index of inflation that incorporates most of the improvements in methodology made to the current CPI-U since 1978 into a single, uniform series. Base year was 2005 in *Data Book 2006*.

2/ Rank among the 50 states and the District of Columbia. A rank of 1 indicates the highest median income and a rank for the United States average indicates its relative place among the 50 states and District of Columbia.

3/ Implementation of Census 2000-based population controls.

4/ Implementation of a 28,000 household sample expansion.

5/ Data have been revised to reflect a correction to the weights in the 2005 Annual Social and Economic Supplement to the Current Population Survey.

Source: U.S. Census Bureau, Historical Income Tables - Households, Median Money Income of Households, by State: 1984 to 2006 (Three-year moving averages)

<<http://www.census.gov/hhes/www/income/histinc/h08b.html>> accessed February 7, 2008; and calculations by Hawaii Department of Business, Economic Development & Tourism.

Table 13.18-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES AND PERCENT OF FAMILIES AND PERSONS BELOW POVERTY LEVEL, BY COUNTY AND SELECTED URBAN PLACE: 1999

| Geographic area | Median income (dollars) | | Percent below poverty level 1/ | |
|-------------------------|-------------------------|----------|--------------------------------|----------|
| | Households | Families | Persons | Families |
| State total | 49,820 | 56,961 | 10.7 | 7.6 |
| County | | | | |
| Hawaii | 39,805 | 46,480 | 15.7 | 11.0 |
| Honolulu | 51,914 | 60,118 | 9.9 | 7.0 |
| Kalawao | 9,333 | 26,250 | 40.1 | 0.0 |
| Kauai | 45,020 | 51,378 | 10.5 | 8.4 |
| Maui | 49,489 | 55,277 | 10.5 | 7.7 |
| Census designated place | | | | |
| Hilo | 39,139 | 48,150 | 17.1 | 11.1 |
| Honolulu | 45,112 | 56,311 | 11.8 | 7.9 |
| Kailua (Oahu) | 72,784 | 79,118 | 5.4 | 3.3 |
| Kaneohe | 66,006 | 71,316 | 6.1 | 4.4 |
| Pearl City | 62,036 | 67,246 | 6.2 | 4.0 |
| Waipahu | 49,444 | 51,855 | 13.8 | 10.6 |
| Kahului | 46,656 | 52,610 | 11.8 | 9.7 |
| Lihue | 44,906 | 56,875 | 4.6 | 1.7 |

1/ Based on U.S. poverty thresholds. Thresholds in Hawaii are about 15 percent higher; these statistics accordingly understate the prevalence of poverty in Hawaii.

Source: U.S. Census Bureau, Census 2000, Table DP-3. Profile of Selected Economic Characteristics: 2000
 <<http://www.hawaii.gov/dbedt/census2k/profile-state/index.html>>,
 <<http://www.hawaii.gov/dbedt/census2k/profile-hawaii/index.html>>,
 <<http://www.hawaii.gov/dbedt/census2k/profile-honolulu/index.html>>,
 <<http://www.hawaii.gov/dbedt/census2k/profile-kauai/index.html>>, and
 <<http://www.hawaii.gov/dbedt/census2k/profile-maui/index.html>> accessed July 23, 2002.

Table 13.19-- ESTIMATED MEDIAN HOUSEHOLD INCOME AND POVERTY STATUS, BY COUNTY: 2005

[Beginning with the estimates for 2005, data from the American Community Survey (ACS) were used in the estimation procedure; all prior years used data from the Annual Social and Economic Supplements (ASEC) of the Current Population Survey (CPS). Comparisons between 2005 Small Area Income and Poverty Estimates (SAIPE) estimates (based on ACS data) and SAIPE estimates for previous years (based on CPS ASEC data) are not advised because there is a break in the time-series due to the switch from one source to the other. Comparisons of pre-2005 state-level estimates are possible; and 2005 estimates may be comparable with estimates produced in the future. For detailed discussion, see source]

| Item | Median household income | | Persons in poverty 2/ | | | | Persons under 18 in poverty | | | |
|-------------|-------------------------|----------------------------|-----------------------|----------------------------|---------|----------------------------|-----------------------------|----------------------------|---------|----------------------------|
| | Dollars | 90% confidence interval 1/ | Number | 90% confidence interval 1/ | Percent | 90% confidence interval 1/ | Number | 90% confidence interval 1/ | Percent | 90% confidence interval 1/ |
| 2005 | | | | | | | | | | |
| State total | 56,133 | 54,631 to 57,634 | 121,756 | 116,646 to 126,866 | 9.9 | 9.5 to 10.3 | 36,870 | 33,836 to 39,904 | 12.5 | 11.5 to 13.6 |
| County: | | | | | | | | | | |
| Hawaii | 47,007 | 44,758 to 49,257 | 22,029 | 19,121 to 24,938 | 13.5 | 11.7 to 15.2 | 7,557 | 6,067 to 9,048 | 18.4 | 14.8 to 22.0 |
| Honolulu | 59,963 | 58,428 to 61,497 | 80,700 | 72,695 to 88,704 | 9.3 | 8.4 to 10.2 | 23,129 | 19,208 to 27,051 | 11.3 | 9.4 to 13.2 |
| Kalawao 3/ | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Kauai | 56,865 | 53,513 to 60,217 | 7,272 | 6,027 to 8,517 | 11.8 | 9.7 to 13.8 | 2,371 | 1,860 to 2,883 | 15.7 | 12.3 to 19.1 |
| Maui 3/ | 54,537 | 50,962 to 58,112 | 11,755 | 9,781 to 13,729 | 8.5 | 7.1 to 10.0 | 3,812 | 2,974 to 4,649 | 11.6 | 9.1 to 14.2 |

NA Not available.

1/ A confidence interval is a range of values that describes the uncertainty surrounding an estimate and are one way to represent how "good" an estimate is; the larger a 90% confidence interval for a particular estimate, the more caution is required when using the estimate.

2/ Based on Mainland poverty thresholds. Official Hawaii thresholds are about 15 percent higher. See Table 13.25.

3/ Kalawao is a Census-designated county but is included in Maui County for other consideration.

Source: U.S. Census Bureau, Housing and Household Economic Statistics Division, Small Area Estimates Branch <<http://www.census.gov/hhes/www/saie/>> accessed January 11, 2008.

Table 13.20-- INCOME OF HOUSEHOLDS AND FAMILIES: 1999

[Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see <<http://www.hawaii.gov/dbedt/census2k/about-sf3.pdf>>]

| Income | Households | | Families | |
|-----------------------------------|------------|---------|----------|---------|
| | Number | Percent | Number | Percent |
| Total | 403,572 | 100.0 | 289,012 | 100.0 |
| Less than \$10,000 | 31,937 | 7.9 | 13,619 | 4.7 |
| \$10,000 to \$14,999 | 18,572 | 4.6 | 9,315 | 3.2 |
| \$15,000 to \$24,999 | 42,232 | 10.5 | 25,394 | 8.8 |
| \$25,000 to \$34,999 | 46,226 | 11.5 | 30,133 | 10.4 |
| \$35,000 to \$49,999 | 63,485 | 15.7 | 45,032 | 15.6 |
| \$50,000 to \$74,999 | 82,997 | 20.6 | 66,592 | 23.0 |
| \$75,000 to \$99,999 | 51,284 | 12.7 | 42,440 | 14.7 |
| \$100,000 to \$149,999 | 44,867 | 11.1 | 38,415 | 13.3 |
| \$150,000 to \$199,999 | 12,003 | 3.0 | 10,115 | 3.5 |
| \$200,000 or more | 9,969 | 2.5 | 7,957 | 2.8 |
| Median household income (dollars) | 49,820 | (X) | 56,961 | (X) |

X Not applicable.

Source: U.S. Census Bureau, Census 2000, Table DP-3. Profile of Selected Economic Characteristics: 2000, Geographic area: Hawaii <<http://www.hawaii.gov/dbedt/census2k/profile-state/04015.pdf>> accessed October 6, 2003.

Table 13.21-- INCOME TYPE AND PER CAPITA INCOME IN 1999, BY GEOGRAPHIC AREA: 2000

| Subject | State total | City and County of Honolulu | County of Hawaii | County of Kalawao | County of Kauai | County of Maui |
|---|--------------------|------------------------------------|-------------------------|--------------------------|------------------------|-----------------------|
| Households | 403,572 | 286,731 | 52,945 | 132 | 20,201 | 43,563 |
| With earnings | 334,392 | 239,649 | 41,559 | 73 | 16,346 | 36,765 |
| Mean earnings (dollars) | 58,733 | 60,958 | 48,098 | 19,528 | 53,740 | 58,549 |
| With Social Security income | 112,350 | 78,836 | 15,844 | 44 | 6,056 | 11,570 |
| Mean Social Security income (dollars) | 11,611 | 11,622 | 11,546 | 8,138 | 11,372 | 11,771 |
| With Supplemental Security income | 14,455 | 10,067 | 2,289 | - | 637 | 1,462 |
| Mean Supplemental Security income (dollars) | 6,515 | 6,507 | 6,524 | - | 7,246 | 6,234 |
| With public assistance income | 28,886 | 19,423 | 5,158 | - | 1,573 | 2,732 |
| Mean public assistance income (dollars) | 4,616 | 4,647 | 4,630 | - | 4,371 | 4,511 |
| With retirement income | 85,662 | 62,909 | 10,857 | 29 | 4,251 | 7,616 |
| Mean retirement income (dollars) | 20,419 | 21,281 | 18,243 | 7,210 | 16,942 | 18,396 |
| Per capita income (dollars) | 21,525 | 21,998 | 18,791 | 13,757 | 20,301 | 22,033 |

Source: U.S. Census Bureau, Census 2000, Table DP-3. Profile of Selected Economic Characteristics: 2000
 <<http://www.hawaii.gov/dbedt/census2k/profile-state/index.html>> accessed July 23, 2002.

**Table 13.22-- POVERTY STATUS OF PERSONS: 1969, 1975, AND
1979 TO 2006**

[Based on Mainland poverty thresholds. Official Hawaii thresholds are approximately 15 percent higher than those in effect on the Mainland; these data accordingly understate the number and percent of persons below the poverty level in Hawaii. Data are based on censuses or surveys made in March or April of the following year, and exclude inmates of institutions, persons in military group quarters and in college dormitories, and unrelated individuals under 15 years (14 years before 1979)]

| Year | Number | Percent | Year | Number | Percent |
|---------|--------|---------|------|---------|---------|
| Census: | | | 1979 | 91,618 | 9.9 |
| 1969 | 68,543 | 9.3 | 1989 | 88,408 | 8.3 |
| 1975 | 67,000 | 7.9 | 1999 | 126,154 | 10.7 |

| Year | Total (1,000) | Number (1,000) | Standard error | Percent | Standard error |
|------------|---------------|----------------|----------------|---------|----------------|
| CPS: 1/ | | | | | |
| 1980 | 954 | 81 | 25 | 8.5 | 2.50 |
| 1981 | 953 | 108 | 29 | 11.3 | 2.90 |
| 1982 | 997 | 132 | 32 | 13.2 | 3.00 |
| 1983 | 998 | 129 | 19 | 12.9 | 1.79 |
| 1984 | 997 | 92 | 27 | 9.3 | 2.60 |
| 1985 | 1,018 | 109 | 18 | 10.7 | 1.70 |
| 1986 | 1,024 | 109 | 18 | 10.7 | 1.70 |
| 1987 | 1,086 | 95 | 16 | 8.8 | 1.50 |
| 1988 | 1,051 | 117 | 18 | 11.1 | 1.70 |
| 1989 | 1,086 | 122 | 19 | 11.3 | 1.80 |
| 1990 | 1,100 | 121 | 19 | 11.0 | 1.70 |
| 1991 | 1,164 | 90 | 17 | 7.7 | 1.40 |
| 1992 | 1,187 | 133 | 20 | 11.2 | 1.67 |
| 1993 | 1,135 | 91 | 17 | 8.0 | 1.47 |
| 1994 | 1,106 | 97 | 17 | 8.7 | 1.55 |
| 1995 | 1,187 | 122 | 20 | 10.3 | 1.68 |
| 1996 | 1,172 | 142 | 23 | 12.1 | 1.82 |
| 1997 | 1,182 | 164 | 24 | 13.9 | 1.92 |
| 1998 | 1,201 | 131 | 22 | 10.9 | 1.72 |
| 1999 | 1,225 | 133 | 22 | 10.8 | 1.69 |
| 2000 | 1,195 | 106 | 12 | 8.9 | 0.94 |
| 2001 | 1,205 | 138 | 13 | 11.4 | 1.05 |
| 2002 | 1,219 | 138 | 14 | 11.3 | 1.04 |
| 2003 | 1,250 | 117 | 12 | 9.3 | 0.95 |
| 2004 2/ 3/ | 1,244 | 106 | 12 | 8.6 | 0.98 |
| 2005 2/ | 1,274 | 110 | 12 | 8.6 | 0.97 |
| 2006 2/ | 1,254 | 116 | 13 | 9.2 | 1.01 |

1/ Current Population Survey. Based on small samples and subject to considerable sampling variation.

2/ For the United States, the poverty rate was 12.7 percent in 2004; 12.6 percent in 2005; and 12.3 percent in 2006.

3/ Revised to reflect a correction to the weights in the 2005 Annual Social and Economic (ASEC) Supplement.

Source: U.S. Bureau of the Census, *1970 Census of Population*, PC(1)-C13 (December 1971), table 58; *Current Population Reports, Consumer Income*, Series P-60, No. 113 (July 1978), p. 179; *1980 Census of Population*, PC80-1-C13 (June 1983), table 72; *1990 Census of Population*, 1990 CP-2-13 (September 1993), table 29; *2000 Census of Population, Poverty 1999: Census 2000 Brief* C2KBR-19 (May 2003), table 3; Historical Poverty Tables - People, Table 19 <<http://www.census.gov/hhes/www/poverty/hstpov/hstpov19.html>> and Table 21 <<http://www.census.gov/hhes/www/poverty/hstpov/hstpov21.html>> accessed March 3, 2008.

Table 13.23-- POVERTY STATUS IN 1999, FOR THE STATE AND BY COUNTY: 2000

[Based on nationwide poverty thresholds. Hawaii thresholds are approximately 15 percent higher than those in effect on the Mainland; these data accordingly understate the numbers of persons and families below the poverty level in Hawaii. Data refer to the poverty status in 1999 of families and persons surveyed in April 2000]

| Subject | State total | City & County of Honolulu | Hawaii County | Kalawao County | Kauai County | Maui County |
|---|--------------------|--|--------------------------|---------------------------|-------------------------|------------------------|
| All families | 22,101 | 14,477 | 4,084 | - | 1,224 | 2,316 |
| Percent below poverty level | 7.6 | 7.0 | 11.0 | - | 8.4 | 7.7 |
| With related children under 18 years | 17,182 | 11,108 | 3,334 | - | 995 | 1,745 |
| Percent below poverty level | 11.3 | 10.3 | 17.1 | - | 12.3 | 10.6 |
| With related children under 5 years | 8,470 | 5,476 | 1,556 | - | 434 | 1,004 |
| Percent below poverty level | 13.9 | 12.3 | 22.3 | - | 14.7 | 15.4 |
| Female householder families | 10,024 | 6,616 | 1,843 | - | 608 | 957 |
| Percent below poverty level | 20.6 | 19.2 | 28.1 | - | 24.5 | 18.9 |
| With related children under 18 years | 8,737 | 5,671 | 1,684 | - | 528 | 854 |
| Percent below poverty level | 29.5 | 28.3 | 37.0 | - | 30.5 | 25.6 |
| With related children under 5 years | 3,879 | 2,441 | 747 | - | 215 | 476 |
| Percent below poverty level | 37.4 | 34.2 | 49.7 | - | 38.7 | 40.9 |
| All individuals | 126,154 | 83,937 | 22,821 | 59 | 6,085 | 13,252 |
| Percent below poverty level | 10.7 | 9.9 | 15.7 | 40.1 | 10.5 | 10.5 |
| 18 years and over | 85,612 | 57,782 | 14,619 | 59 | 3,985 | 9,167 |
| Percent below poverty level | 9.6 | 9.0 | 13.5 | 4.1 | 9.3 | 9.7 |
| 65 years and over | 11,683 | 8,614 | 1,391 | 44 | 546 | 1,088 |
| Percent below poverty level | 7.4 | 7.4 | 7.2 | 60.3 | 6.8 | 7.5 |
| With related children under 18 years | 38,730 | 25,080 | 7,873 | - | 1,994 | 3,783 |
| Percent below poverty level | 13.5 | 12.4 | 21.0 | - | 13.2 | 12.0 |
| With related children under 5 years | 27,159 | 17,612 | 5,718 | - | 1,455 | 2,374 |
| Percent below poverty level | 12.9 | 12.0 | 19.8 | - | 12.6 | 10.1 |
| Unrelated individuals 15 years and over | 46,365 | 31,136 | 7,819 | 59 | 1,958 | 5,393 |
| Percent below poverty level | 24.4 | 23.8 | 30.4 | 50.0 | 22.0 | 22.1 |

Source: U.S. Census Bureau, Census 2000, Table DP-3. Profile of Selected Economic Characteristics: 2000
<http://www.hawaii.gov/dbedt/census2k/profile-state/index.html> accessed July 23, 2002.

**Table 13.24-- POVERTY INCOME GUIDELINES FOR HAWAII, 1993 TO 2008
AND FOR THE UNITED STATES AND ALASKA, 2007 AND 2008**

[In dollars. These family income levels are poverty thresholds established by the U.S. Department of Health and Human Services to determine eligibility for certain Federal programs for the poor]

| Effective date | Size of family unit | | | | | | | | Add'n member |
|------------------|---------------------|--------|--------|--------|--------|--------|--------|--------|--------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| Feb. 12, 1993 | 8,040 | 10,860 | 13,680 | 16,500 | 19,320 | 22,140 | 24,960 | 27,780 | 2,820 |
| Feb. 10, 1994 | 8,470 | 11,320 | 14,170 | 17,020 | 19,870 | 22,720 | 25,570 | 28,420 | 2,850 |
| Feb. 9, 1995 | 8,610 | 11,550 | 14,490 | 17,430 | 20,370 | 23,310 | 26,250 | 29,190 | 2,940 |
| Mar. 4, 1996 | 8,910 | 11,920 | 14,930 | 17,940 | 20,950 | 23,960 | 26,970 | 29,980 | 3,010 |
| Mar. 10, 1997 | 9,070 | 12,200 | 15,330 | 18,460 | 21,590 | 24,720 | 27,850 | 30,980 | 3,130 |
| Feb. 24, 1998 | 9,260 | 12,480 | 15,700 | 18,920 | 22,140 | 25,360 | 28,580 | 31,800 | 3,220 |
| Mar. 19, 1999 | 9,490 | 12,730 | 15,970 | 19,210 | 22,450 | 25,690 | 28,930 | 32,170 | 3,240 |
| Feb. 15, 2000 | 9,590 | 12,930 | 16,270 | 19,610 | 22,950 | 26,290 | 29,630 | 32,970 | 3,340 |
| Feb. 16, 2001 | 9,890 | 13,360 | 16,830 | 20,300 | 23,700 | 27,240 | 30,710 | 34,180 | 3,470 |
| Feb. 14, 2002 | 10,200 | 13,740 | 17,280 | 20,820 | 24,360 | 27,900 | 31,440 | 34,980 | 3,540 |
| Feb. 7, 2003 | 10,330 | 13,940 | 17,550 | 21,160 | 24,770 | 28,380 | 31,990 | 35,600 | 3,610 |
| Feb. 13, 2004 | 10,700 | 14,360 | 18,020 | 21,680 | 25,340 | 29,000 | 32,660 | 36,320 | 3,660 |
| Feb. 18, 2005 | 11,010 | 14,760 | 18,510 | 22,260 | 26,010 | 29,760 | 33,510 | 37,260 | 3,750 |
| Jan. 24, 2006 | 11,270 | 15,180 | 19,090 | 23,000 | 26,910 | 30,820 | 34,730 | 38,640 | 3,910 |
| Jan. 24, 2007 | 11,750 | 15,750 | 19,750 | 23,750 | 27,750 | 31,750 | 35,750 | 39,750 | 4,000 |
| Jan. 23, 2008 | 11,960 | 16,100 | 20,240 | 24,380 | 28,520 | 32,660 | 36,800 | 40,940 | 4,140 |
| Jan. 24, 2007 | | | | | | | | | |
| United States 1/ | 10,210 | 13,690 | 17,170 | 20,650 | 24,130 | 27,610 | 31,090 | 34,570 | 3,480 |
| Alaska | 12,770 | 17,120 | 21,470 | 25,820 | 30,170 | 34,520 | 38,870 | 43,220 | 4,350 |
| Jan. 23, 2008 | | | | | | | | | |
| United States 1/ | 10,400 | 14,000 | 17,600 | 21,200 | 24,800 | 28,400 | 32,000 | 35,600 | 3,600 |
| Alaska | 13,000 | 17,500 | 22,000 | 26,500 | 31,000 | 35,500 | 40,000 | 44,500 | 4,500 |

1/ Forty-eight contiguous states and the District of Columbia.

Source: U.S. Department of Health and Human Services, "Annual Update of the HHS Poverty Guidelines," *Federal Register*, Feb. 12, 1993; Feb. 10, 1994; Feb. 9, 1995; March 4, 1996; March 10, 1997; Feb. 24, 1998; March 18, 1999; Feb. 15, 2000; Feb. 16, 2001; Feb. 14, 2002; March 18, 2003; Feb. 13, 2004; Feb. 18, 2005; Jan. 24, 2006; Jan. 24, 2007 and Jan. 23, 2008. Also for 1994-2005 <http://www.access.gpo.gov/su_docs/aces/aces140.html>; for 2000 <http://www.access.gpo.gov/su_docs/fedreg/a000215c.html>; for 2001 <http://www.access.gpo.gov/su_docs/fedreg/a010216c.html>; for 2002 <http://www.access.gpo.gov/su_docs/fedreg/a020214c.html> accessed March 19, 2002; for 2003 <<http://a257.g.akamaitech.net/7/257/2422/14mar20010800/edocket.access.gpo.gov/2003/pdf/03-3018.pdf>> accessed April 10, 2003; for 2004 <<http://aspe.hhs.gov/poverty/04poverty.shtml>> accessed February 18, 2004; for 2005 <<http://aspe.hhs.gov/poverty/05fedreg.pdf>> accessed February 23, 2005; for 2006 <<http://aspe.hhs.gov/poverty/06fedreg.pdf>> accessed February 28, 2006; for 2007 <<http://aspe.hhs.gov/poverty/07fedreg.pdf>> accessed January 26, 2007 and for 2008 <<http://aspe.hhs.gov/poverty/08fedreg.pdf>> accessed January 25, 2008.

Table 13.25-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR HONOLULU: 2000-2001 TO 2004-2005

[Annual averages for two-year periods. The Consumer Expenditure Survey for 2005- 2006 was released by BLS on October 26, 2007 but did not include data for Honolulu]

| Item | 2000-2001 | 2001-2002 | 2002-2003 | 2003-2004 | 2004-2005 |
|-------------------------------------|-----------|-----------|-----------|-----------|-----------|
| Average annual expenditures | 43,024 | 43,458 | 44,505 | 48,339 | 54,937 |
| Food | 6,722 | 6,418 | 5,819 | 6,666 | 8,089 |
| Food at home | 3,935 | 3,879 | 3,269 | 3,592 | 4,231 |
| Cereals and bakery products | 582 | 542 | 462 | 499 | 556 |
| Meats, poultry, fish, and eggs | 1,152 | 1,182 | 866 | 860 | 1,090 |
| Dairy products | 345 | 336 | 287 | 317 | 335 |
| Fruits and vegetables | 765 | 750 | 630 | 693 | 831 |
| Other food at home | 1,091 | 1,069 | 1,024 | 1,223 | 1,419 |
| Food away from home | 2,788 | 2,539 | 2,549 | 3,075 | 3,858 |
| Alcoholic beverages | 554 | 489 | 357 | 367 | 463 |
| Housing | 13,903 | 14,207 | 15,156 | 15,874 | 17,400 |
| Shelter | 9,460 | 9,470 | 10,067 | 10,324 | 10,887 |
| Owned dwellings | 4,966 | 4,810 | 5,367 | 5,629 | 6,516 |
| Rented dwellings | 3,986 | 4,030 | 3,971 | 4,160 | 3,960 |
| Other lodging | 509 | 630 | 728 | 535 | 411 |
| Utilities, fuels, & public services | 2,182 | 2,200 | 2,492 | 2,606 | 2,813 |
| Household operations | 647 | 569 | 707 | 770 | 692 |
| Housekeeping supplies | 539 | 567 | 480 | 593 | 817 |
| Household furn. & equipment | 1,075 | 1,402 | 1,410 | 1,582 | 2,191 |
| Apparel and services | 1,761 | 1,597 | 1,467 | 1,467 | 2,157 |
| Transportation | 6,523 | 7,230 | 8,023 | 8,778 | 9,921 |
| Vehicle purchases (net outlay) | 2,329 | 3,040 | 3,724 | 4,356 | 4,768 |
| Gasoline and motor oil | 1,176 | 1,124 | 1,142 | 1,277 | 1,658 |
| Other vehicle expenses | 2,103 | 2,194 | 2,208 | 2,218 | 2,427 |
| Public transportation | 915 | 873 | 948 | 927 | 1,069 |
| Health care | 2,252 | 2,365 | 2,617 | 2,668 | 2,600 |
| Entertainment | 2,066 | 2,249 | 2,276 | 2,941 | 3,126 |
| Personal care products & services | 691 | 594 | 542 | 649 | 772 |
| Reading | 163 | 161 | 170 | 149 | 128 |
| Education | 864 | 1,088 | 1,040 | 1,020 | 1,320 |
| Tobacco prod. & smoking supplies | 247 | 297 | 300 | 270 | 241 |
| Miscellaneous | 763 | 759 | 831 | 825 | 861 |
| Cash contributions | 1,672 | 1,278 | 1,226 | 1,218 | 1,112 |
| Personal insurance and pensions | 4,844 | 4,727 | 4,684 | 5,447 | 6,746 |
| Life & other personal insurance | 636 | 641 | 607 | 554 | 520 |
| Pensions and Social Security | 4,208 | 4,086 | 4,076 | 4,893 | 6,226 |

Continued on next page.

Table 13.25-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR HONOLULU: 2000-2001 TO 2004-2005-- Con.

| Item | 2000-2001 | 2001-2002 | 2002-2003 | 2003-2004 | 2004-2005 |
|---------------------------------|-----------|-----------|-----------|-----------|-----------|
| Number of consumer units | 279,000 | 276,000 | 275,000 | 273,000 | 278,000 |
| Consumer unit characteristics | | | | | |
| Income before taxes 1/ | 54,819 | 56,000 | 59,114 | 64,082 | 70,104 |
| Age of reference person | 52.9 | 53.9 | 53.7 | 52.1 | 51.8 |
| Average number in consumer unit | | | | | |
| Persons | 2.8 | 2.8 | 2.8 | 2.7 | 2.8 |
| Children under 18 | 0.7 | 0.7 | 0.6 | 0.5 | 0.6 |
| Persons 65 and over | 0.4 | 0.5 | 0.5 | 0.4 | 0.4 |
| Earners | 1.5 | 1.4 | 1.4 | 1.5 | 1.5 |
| Vehicles | 1.6 | 1.6 | 1.6 | 1.7 | 1.8 |
| Percent homeowner | 52 | 53 | 57 | 57 | 61 |

1/ Components of income and taxes are derived from "complete income reporters" only through 2003. Beginning in 2004, income imputation was implemented. As a result, all consumer units are considered to be complete income reporters.

Source: U.S. Bureau of Labor Statistics, Selected Western Metropolitan Statistical Areas: Average Annual Expenditures and Characteristics, Consumer Expenditure Survey (annual) <<http://www.bls.gov/cex/csxmsa.htm>> and for 2004-2005 <<http://www.bls.gov/cex/2006/msas/west.pdf>> accessed October 26, 2007.

Table 13.26-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR SELECTED WESTERN METROPOLITAN STATISTICAL AREAS: 2004-2005

[Annual averages for two-year periods. Number in units, unless otherwise specified. Expenditures in dollars. The Consumer Expenditure Survey for 2005- 2006 was released by BLS on October 26, 2007 but did not include data for Honolulu]

| Item | All consumer units in the West | Hono-lulu | Los Angeles | San Francisco | San Diego | Portland | Seattle | Anchorage | Phoenix | Denver |
|---------------------------------------|--------------------------------|-----------|-------------|---------------|-----------|----------|---------|-----------|---------|--------|
| Average annual expenditures | 50,305 | 54,937 | 55,760 | 60,992 | 59,805 | 50,313 | 54,027 | 59,427 | 49,009 | 49,996 |
| Food | 6,280 | 8,089 | 7,062 | 7,581 | 6,437 | 6,377 | 6,904 | 6,412 | 6,434 | 6,251 |
| Food at home | 3,580 | 4,231 | 3,876 | 3,909 | 3,462 | 3,557 | 3,908 | 3,713 | 3,599 | 3,789 |
| Cereals and bakery products | 467 | 556 | 492 | 519 | 458 | 453 | 475 | 457 | 470 | 511 |
| Meats, poultry, fish, and eggs | 843 | 1,090 | 976 | 888 | 761 | 783 | 840 | 846 | 859 | 886 |
| Dairy products | 406 | 335 | 411 | 445 | 404 | 432 | 457 | 437 | 415 | 428 |
| Fruits and vegetables | 635 | 831 | 749 | 772 | 606 | 650 | 666 | 605 | 632 | 619 |
| Other food at home | 1,228 | 1,419 | 1,248 | 1,285 | 1,233 | 1,239 | 1,469 | 1,369 | 1,222 | 1,344 |
| Food away from home | 2,701 | 3,858 | 3,185 | 3,672 | 2,976 | 2,820 | 2,996 | 2,698 | 2,835 | 2,462 |
| Alcoholic beverages | 517 | 463 | 485 | 628 | 613 | 526 | 781 | 636 | 585 | 635 |
| Housing | 16,828 | 17,400 | 19,911 | 22,885 | 21,484 | 16,039 | 17,483 | 18,764 | 14,719 | 15,772 |
| Shelter | 10,480 | 10,887 | 13,030 | 15,947 | 14,511 | 9,862 | 10,741 | 11,391 | 8,414 | 10,078 |
| Owned dwellings | 6,670 | 6,516 | 8,122 | 10,068 | 9,118 | 6,650 | 7,144 | 7,814 | 5,911 | 6,613 |
| Rented dwellings | 3,231 | 3,960 | 4,383 | 4,928 | 4,627 | 2,535 | 2,737 | 2,850 | 2,100 | 2,936 |
| Other lodging | 579 | 411 | 524 | 951 | 767 | 677 | 860 | 727 | 402 | 530 |
| Utilities, fuels, and public services | 2,795 | 2,813 | 2,908 | 2,711 | 2,767 | 2,878 | 2,769 | 3,228 | 3,057 | 3,013 |
| Household operations | 904 | 692 | 1,224 | 1,384 | 1,561 | 933 | 725 | 985 | 984 | 722 |
| Housekeeping supplies | 618 | 817 | 632 | 634 | 646 | 553 | 706 | 771 | 605 | 548 |
| Household furn. & equipment | 2,030 | 2,191 | 2,119 | 2,210 | 1,999 | 1,813 | 2,541 | 2,388 | 1,659 | 1,411 |
| Apparel and services | 1,954 | 2,157 | 2,386 | 2,382 | 1,935 | 1,822 | 1,833 | 1,820 | 1,876 | 1,755 |
| Transportation | 9,498 | 9,921 | 10,972 | 9,518 | 11,301 | 8,845 | 9,491 | 12,596 | 10,549 | 8,646 |
| Vehicle purchases (net outlay) | 4,268 | 4,768 | 4,996 | 3,347 | 5,681 | 3,964 | 3,897 | 6,082 | 5,490 | 3,529 |
| Gasoline and motor oil | 1,966 | 1,658 | 2,312 | 1,922 | 2,094 | 1,742 | 1,914 | 2,157 | 1,769 | 1,755 |
| Other vehicle expenses | 2,658 | 2,427 | 3,029 | 3,296 | 2,587 | 2,542 | 2,813 | 3,239 | 2,911 | 2,573 |
| Public transportation | 606 | 1,069 | 635 | 953 | 939 | 596 | 867 | 1,119 | 380 | 789 |

Continued on next page.

Table 13.26-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR SELECTED WESTERN METROPOLITAN STATISTICAL AREAS: 2004-2005-- Con.

| Item | All consumer units in the West | Hono-lulu | Los Angeles | San Francisco | San Diego | Portland | Seattle | Anchorage | Phoenix | Denver |
|-------------------------------------|--------------------------------|-----------|-------------|---------------|-----------|----------|---------|-----------|---------|--------|
| Health care | 2,602 | 2,600 | 2,275 | 2,773 | 3,038 | 2,693 | 2,910 | 3,397 | 2,890 | 2,724 |
| Entertainment | 2,636 | 3,126 | 2,719 | 2,938 | 2,653 | 3,057 | 3,002 | 3,420 | 2,355 | 3,227 |
| Personal care products and services | 621 | 772 | 798 | 664 | 805 | 578 | 625 | 615 | 666 | 636 |
| Reading | 153 | 128 | 158 | 212 | 192 | 188 | 214 | 218 | 132 | 144 |
| Education | 1,039 | 1,320 | 960 | 1,107 | 1,245 | 1,200 | 1,217 | 842 | 739 | 1,573 |
| Tobacco prod. & smoking supplies | 239 | 241 | 179 | 143 | 136 | 344 | 236 | 440 | 373 | 308 |
| Miscellaneous | 910 | 861 | 848 | 1,014 | 940 | 1,303 | 1,004 | 1,227 | 786 | 1,010 |
| Cash contributions | 1,576 | 1,112 | 1,272 | 1,607 | 2,520 | 1,775 | 2,070 | 1,853 | 1,662 | 1,624 |
| Personal insurance and pensions | 5,451 | 6,746 | 5,736 | 7,538 | 6,507 | 5,565 | 6,256 | 7,187 | 5,243 | 5,689 |
| Life and other personal insurance | 343 | 520 | 298 | 336 | 423 | 367 | 346 | 581 | 400 | 240 |
| Pensions and Social Security | 5,108 | 6,226 | 5,438 | 7,202 | 6,084 | 5,198 | 5,910 | 6,606 | 4,843 | 5,449 |
| Number of consumer units (in 1,000) | 25,872 | 278 | 5,112 | 2,724 | 892 | 1,052 | 1,801 | 119 | 1,423 | 1,270 |
| Consumer unit characteristics | | | | | | | | | | |
| Income before taxes 1/ | 60,730 | 70,104 | 65,810 | 86,935 | 69,067 | 56,702 | 63,888 | 71,031 | 60,726 | 65,224 |
| Age of reference person | 47.0 | 51.8 | 46.9 | 47.0 | 50.1 | 47.9 | 47.8 | 45.8 | 45.7 | 45.6 |
| Average number in consumer unit | | | | | | | | | | |
| Persons | 2.6 | 2.8 | 2.9 | 2.6 | 2.6 | 2.5 | 2.3 | 2.5 | 2.6 | 2.4 |
| Children under 18 | 0.7 | 0.6 | 0.8 | 0.6 | 0.6 | 0.6 | 0.5 | 0.7 | 0.8 | 0.6 |
| Persons 65 and over | 0.3 | 0.4 | 0.3 | 0.3 | 0.4 | 0.3 | 0.2 | 0.2 | 0.3 | 0.3 |
| Earners | 1.4 | 1.5 | 1.5 | 1.4 | 1.4 | 1.4 | 1.5 | 1.5 | 1.3 | 1.4 |
| Vehicles | 2.1 | 1.8 | 1.9 | 1.8 | 1.9 | 2.2 | 2.4 | 2.5 | 1.8 | 1.9 |
| Percent homeowner | 62 | 61 | 58 | 56 | 63 | 63 | 66 | 71 | 70 | 64 |

1/ Components of income and taxes are derived from "complete income reporters" only through 2003. Beginning in 2004, income imputation was implemented. As a result, all consumer units are considered to be complete income reporters.

Source: U.S. Bureau of Labor Statistics, Selected Western Metropolitan Statistical Areas: Average Annual Expenditures and Characteristics, Consumer Expenditure Survey 2004-2005 <<http://www.bls.gov/cex/2005/msas/west.pdf>> accessed December 27, 2006.

Table 13.27-- TOP WEALTHHOLDERS: 1962 TO 2001

[Top wealthholders are defined as persons with a gross estate in excess of specified amounts, rising from \$60,000 in 1962 to \$1 million in 2001. All figures are estimates based on estate tax return samples]

| Group and year | Number of top wealthholders | Millions of dollars | | |
|--------------------------------|-----------------------------|---------------------|---------------------|-----------|
| | | Total assets | Debts and mortgages | Net worth |
| Gross estate over \$60,000: | | | | |
| 1962 | 11,323 | 1,908 | 231 | 1,677 |
| 1969 | 36,470 | 6,327 | 1,090 | 5,236 |
| 1972 | 53,700 | 7,866 | 1,369 | 6,497 |
| Gross estate over \$120,000: | | | | |
| 1976 | 39,000 | 7,436 | 1,546 | 5,890 |
| Gross estate over \$325,000: | | | | |
| 1982 | 20,300 | 14,767 | 3,523 | 11,244 |
| Gross estate over \$500,000: | | | | |
| 1982 | 8,700 | 10,864 | 2,919 | 7,946 |
| 1986 | 11,000 | 11,330 | 1,475 | 9,855 |
| Gross estate over \$600,000: | | | | |
| 1989 | 22,300 | 28,393 | 2,447 | 25,947 |
| 1992 | 32,280 | 39,198 | 3,543 | 35,655 |
| 1995 | 24,000 | 25,944 | 2,745 | 23,199 |
| Gross estate over \$625,000: | | | | |
| 1998 | 25,000 | 30,986 | 4,133 | 26,853 |
| Gross estate over \$1 million: | | | | |
| 1998 1/ | 7,000 | 21,163 | 1,745 | 19,418 |
| 2001 2/ | 13,000 | 33,729 | 4,342 | 29,387 |

1/ Number of wealthholders of debts and mortgages is 5,000.

2/ For 2001, 'Total assets', in \$1,000, were 'Financial assets' of \$16,124, 'All real estate' of \$15,928, and 'All other assets' of \$1,677.

Source: U.S. Internal Revenue Service, *Statistics of Income -1962, Personal Wealth* (1967), pp. 55-56; *Statistics of Income -1969, Personal Wealth* (1973), pp. 57-58; *Statistics of Income- 1972, Personal Wealth Estimated from Estate Tax Returns* (1976), table 33; and *Statistics of Income Bulletin, Summer 1983*, pp. 1-26, *Spring 1988*, pp. 31-46; *Spring 1990*, pp. 63-78; *Spring 1993*, pp. 105-121; *Winter 1997-98*, and *Winter 1999-2000*, Table 6. Also, <http://www.irs.ustreas.gov/prod/tax_stats/soi/soi_bul.html> and for 1995 <http://www.irs.treas.gov/prod/tax_stats/soi/est_pw.html/95PWART.EXE> accessed July 26, 2002; and *Winter 2002-2003 Issue, Personal Wealth 1998*, table 6 <<http://www.irs.ustreas.gov/pub/irs-soi/98pwart.pdf>> accessed September 28, 2003; and Top Wealthholders with Net Worth of \$1,000,000 or more by State of Residence 1998, table 7, and 2001, table 6 <<http://www.irs.gov/taxstats/indtaxstats/article/0,,id=96426,00.html>> accessed September 18, 2006 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 13.28--TOP WEALTHHOLDERS WITH NET WORTH OF \$1 MILLION OR MORE, NET WORTH AND SELECTED ASSETS, U.S. AND HAWAII: 1998 AND 2001

[Data are estimates based on samples. Numbers are in thousands.
Amounts are in millions of dollars]

| Category | United States | Hawaii | Hawaii as percent of U.S. |
|---------------------------|---------------|--------|---------------------------|
| 1998 | | | |
| Total assets: Number | 2,743 | 7 | 0.3 |
| Amount | 8,324,476 | 21,163 | 0.3 |
| Debts & mortgages: Number | 2,092 | 5 | 0.2 |
| Amount | 499,568 | 1,745 | 0.3 |
| Net worth: Number | 2,743 | 7 | 0.3 |
| Amount | 7,824,909 | 19,418 | 0.2 |
| 2001 | | | |
| Net worth: Number | 3,510 | 13 | 0.4 |
| Amount | 11,275,755 | 29,387 | 0.3 |
| Total assets: Amount | 11,169,794 | 17,801 | 0.2 |
| Financial assets: Number | 3,506 | 13 | 0.4 |
| Amount | 9,611,914 | 16,124 | 0.2 |
| All other assets: Number | 3,241 | 11 | 0.3 |
| Amount | 1,557,880 | 1,677 | 0.1 |
| All real estate: Number | 3,085 | 12 | 0.4 |
| Amount | 2,207,780 | 15,928 | 0.7 |

Source: U. S. Department of Treasury, Internal Revenue Service, *Statistics of Income Bulletin, Winter 2002-2003 Issue*, "Personal Wealth 1998", table 7 <<http://www.irs.ustreas.gov/pub/irs-soi/98pwart.pdf>> accessed September 28, 2003 and "Personal Wealth, 2001", table 7 <<http://www.irs.gov/pub/irs-soi/01pwart.pdf>> accessed April 5, 2007 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 13.29-- NET WORTH OF RICHEST RESIDENTS: 2000 TO 2006

| Name | Residence | Age (years) | Net worth (million dollars) | Primary sources |
|-------------------------|-----------|-------------|-----------------------------|---|
| 2000 | | | | |
| Anthony, Barbara Cox 1/ | Honolulu | 77 | 10,000 | Inheritance (Cox Enterprises, newspapers, cable TV) |
| Campbell family 2/ | Hawaii | (X) | 1,700 | Land, investments |
| 2001 | | | | |
| Anthony, Barbara Cox 1/ | Honolulu | 78 | 11,300 | Inheritance (Cox Enterprises, newspapers, cable TV) |
| 2002 | | | | |
| Anthony, Barbara Cox 1/ | Honolulu | 79 | 9,500 | Inheritance (Cox Enterprises, newspapers, cable TV) |
| 2003 | | | | |
| Anthony, Barbara Cox 1/ | Honolulu | 80 | 11,000 | Inheritance (Cox Enterprises, newspapers, cable TV) |
| 2004 | | | | |
| Anthony, Barbara Cox 1/ | Honolulu | 81 | 11,300 | Inheritance (Cox Enterprises, newspapers, cable TV) |
| 2005 | | | | |
| Anthony, Barbara Cox 1/ | Honolulu | 82 | 12,500 | Inheritance (Cox Enterprises, newspapers, cable TV) |
| 2006 3/ | | | | |
| Anthony, Barbara Cox 1/ | Honolulu | 83 | 12,600 | Inheritance (Cox Enterprises, newspapers, cable TV) |

X Not applicable.

1/ Sisters Barbara Cox Anthony and Anne Cox Chambers, of Atlanta, share a fortune. It was worth more than \$19 billion in 1999, \$20 billion in 2000, \$23 billion in 2001, \$19 billion in 2002, \$22 billion in 2003, \$22.6 billion in 2004, and \$25 billion in 2005.. In 2006, the sisters tied at rank of 17 with net worth of \$12.6 billion each. They have been members of the Forbes 400 since 1982. Note: Mrs. Anthony died on May 28, 2007 at her home in Honolulu. She was 84.

2/ Prior to 2000, Forbes online database was sortable. The "By State" yielded only Ms. Anthony for Hawaii. The Campbell Family was misidentified without a "Hometown". In 2000, the Richest 400 on-line was not sortable by state. However, the Campbell family residence was now correctly listed as "Hawaii". Since 2001 the online list was limited to individuals and no individual Campbell was listed.

3/ There were no Hawaii residents on the Forbes 400 list in 2007. See <<http://www.forbes.com/400richest/>>.

Source: *Forbes*, "The Forbes 400 Richest Americans," October 9, 2000; October 13, 2001; September 13, 2002; September 19, 2003; September 22, 2004 <<http://www.forbes.com/home/forbes400/2004/09/22/r104land.html>> accessed September 24, 2004; October 10, 2005 and <<http://www.forbes.com/400richest/>> accessed September 23, 2005; and for 2006 <<http://www.forbes.com/400richest/>> accessed September 22, 2006.

Section 14

PRICES

This section presents indexes of consumer prices for Honolulu and for the United States, the implicit price deflator for gross domestic product, and comparisons of Honolulu living costs with those in other U.S. urban areas and cities in foreign countries. Other statistics on prices are reported in Sections 7, 16, 17, 18, 21, and 23.

The Honolulu Consumer Price Index has been compiled by the U.S. Bureau of Labor Statistics (BLS) since December 1963. This index measures the average change in prices of goods and services purchased by urban households. Prices are expressed as a percent of the average levels reported in the base period, 1982-1984.

Official comparisons of Honolulu and Mainland living costs are no longer being made on a regular basis. The annual four-person family budgets estimated by the BLS for Honolulu and the Mainland were discontinued after 1981. The unofficial estimates by the Bank of Hawaii were available for 1982-1998 but have seemingly also been discontinued. A comparison of prices in Hawaii and Washington, D.C., compiled for the U.S. Office of Personnel Management as a basis for cost of living adjustments for Federal employees are also included. These studies are subject to technical limitations and must be interpreted with considerable caution. Comparative indexes have been compiled by the U.S. Department of Defense for military personnel assigned to or in Hawaii on temporary duty.

No composite wholesale or producer price index is available for Hawaii. Average wholesale prices of agricultural products are reported in *Statistics of Hawaii Agriculture*, issued by the Hawaii Agricultural Statistics Service, and in various other publications of the Hawaii State Department of Agriculture. Wholesale price statistics of other commodities are seldom available. Periodic comparisons of individual or groups of products and services are sometimes compiled.

Data on prices and living costs for the nation as a whole and other areas are summarized in the *Statistical Abstract of the United States: 2008*, Section 14. Long-term trends for Hawaii are traced in *Historical Statistics of Hawaii*, Section 5.

Table
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Table 14.01-- IMPLICIT PRICE DEFLATOR FOR GROSS DOMESTIC PRODUCT FOR HAWAII AND UNITED STATES: 1963 TO 2007

[2000=100. Implicit price deflator is the ratio of current-dollar value of gross domestic product (GDP), to its corresponding chained-dollar value, multiplied by 100 and is now shown at the 3-decimal level]

| Year | Hawaii | United States | Year | Hawaii | United States |
|--------|--------|---------------|----------|---------|---------------|
| SIC 1/ | | | SIC 1/ | | |
| 1963 | (NA) | (NA) | 1988 | 72.450 | 75.810 |
| 1964 | (NA) | (NA) | 1989 | 75.056 | 78.768 |
| 1965 | (NA) | (NA) | 1990 | 77.762 | 81.761 |
| 1966 | (NA) | (NA) | 1991 | 81.115 | 84.672 |
| 1967 | (NA) | (NA) | 1992 | 83.274 | 86.783 |
| 1968 | (NA) | (NA) | 1993 | 85.676 | 89.126 |
| 1969 | (NA) | (NA) | 1994 | 87.764 | 91.073 |
| 1970 | (NA) | (NA) | 1995 | 89.708 | 92.915 |
| 1971 | (NA) | (NA) | 1996 | 91.512 | 94.485 |
| 1972 | (NA) | (NA) | 1997 | 93.709 | 95.886 |
| 1973 | (NA) | (NA) | | | |
| 1974 | (NA) | (NA) | NAICS 1/ | | |
| 1975 | (NA) | (NA) | | | |
| 1976 | (NA) | (NA) | 1997 | 92.908 | 95.558 |
| 1977 | 36.812 | 42.156 | 1998 | 94.897 | 96.391 |
| 1978 | 39.455 | 45.186 | 1999 | 97.177 | 97.840 |
| 1979 | 42.471 | 48.727 | 2000 | 100.000 | 100.000 |
| 1980 | 46.390 | 53.149 | 2001 | 102.944 | 102.253 |
| 1981 | 51.299 | 58.347 | 2002 | 105.799 | 104.173 |
| 1982 | 54.590 | 62.048 | 2003 | 109.068 | 106.459 |
| 1983 | 57.655 | 64.733 | 2004 2/ | 112.945 | 109.705 |
| 1984 | 61.393 | 67.479 | 2005 2/ | 116.881 | 113.277 |
| 1985 | 64.371 | 69.468 | 2006 2/ | 121.161 | 116.724 |
| 1986 | 67.316 | 71.499 | 2007 | 123.410 | 119.843 |
| 1987 | 69.633 | 73.346 | | | |

NA Not available.

1/ There is a discontinuity in the GDP time series at 1997, occurring at the change from Standard Industrial Classification (SIC) industry definitions to North American Industry Classification System (NAICS) industry definitions. This discontinuity results from many sources, including differences in source data and different estimation methodologies. This data discontinuity may affect both the levels and the growth rates of the GDP estimates. Users of the GDP estimates are strongly cautioned against appending the two data series in an attempt to construct a single time series of GDP estimates for 1963 to 2007.

2/ Revised from previous *Data Book*.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by Industry for 1963 to 1997 <<http://www.bea.gov/bea/regional/gsp/>> accessed October 26, 2006 and 1997 to 2007 accessed June 5, 2008; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 14.02-- CONSUMER PRICE INDEX, FOR ALL URBAN CONSUMERS (CPI-U), ALL ITEMS, FOR HONOLULU AND UNITED STATES: 1940 TO 2007

[1982-1984 average = 100. Excludes rent before 1963]

| Year | Honolulu | | United States | |
|------|----------------|-----------------------------------|----------------|-----------------------------------|
| | Annual average | Percent change from previous year | Annual average | Percent change from previous year |
| 1940 | 14.7 | (X) | 14.0 | (X) |
| 1941 | 15.5 | 5.4 | 14.7 | 5.0 |
| 1942 | 17.6 | 13.5 | 16.3 | 10.9 |
| 1943 | 18.9 | 7.4 | 17.3 | 6.1 |
| 1944 | 19.2 | 1.6 | 17.6 | 1.7 |
| 1945 | 19.7 | 2.6 | 18.0 | 2.3 |
| 1946 | 21.0 | 6.6 | 19.5 | 8.3 |
| 1947 | 24.4 | 16.2 | 22.3 | 14.4 |
| 1948 | 25.7 | 5.3 | 24.1 | 8.1 |
| 1949 | 25.2 | -1.9 | 23.8 | -1.2 |
| 1950 | 24.3 | -3.6 | 24.1 | 1.3 |
| 1951 | 25.7 | 5.8 | 26.0 | 7.9 |
| 1952 | 26.5 | 3.1 | 26.5 | 1.9 |
| 1953 | 26.7 | 0.8 | 26.7 | 0.8 |
| 1954 | 26.9 | 0.7 | 26.9 | 0.7 |
| 1955 | 27.3 | 1.5 | 26.8 | -0.4 |
| 1956 | 27.7 | 1.5 | 27.2 | 1.5 |
| 1957 | 28.6 | 3.2 | 28.1 | 3.3 |
| 1958 | 30.0 | 4.9 | 28.9 | 2.8 |
| 1959 | 30.5 | 1.7 | 29.1 | 0.7 |
| 1960 | 31.3 | 2.6 | 29.6 | 1.7 |
| 1961 | 32.1 | 2.6 | 29.9 | 1.0 |
| 1962 | 32.8 | 2.2 | 30.2 | 1.0 |
| 1963 | 33.5 | 2.1 | 30.6 | 1.3 |
| 1964 | 33.7 | 0.6 | 31.0 | 1.3 |
| 1965 | 34.4 | 2.1 | 31.5 | 1.6 |
| 1966 | 35.3 | 2.6 | 32.4 | 2.9 |
| 1967 | 36.3 | 2.8 | 33.4 | 3.1 |
| 1968 | 37.7 | 3.9 | 34.8 | 4.2 |
| 1969 | 39.4 | 4.5 | 36.7 | 5.5 |
| 1970 | 41.5 | 5.3 | 38.8 | 5.7 |
| 1971 | 43.2 | 4.1 | 40.5 | 4.4 |
| 1972 | 44.6 | 3.2 | 41.8 | 3.2 |
| 1973 | 46.6 | 4.5 | 44.4 | 6.2 |
| 1974 | 51.5 | 10.5 | 49.3 | 11.0 |
| 1975 | 56.3 | 9.3 | 53.8 | 9.1 |
| 1976 | 59.1 | 5.0 | 56.9 | 5.8 |
| 1977 | 62.1 | 5.1 | 60.6 | 6.5 |
| 1978 | 66.9 | 7.7 | 65.2 | 7.6 |
| 1979 | 74.3 | 11.1 | 72.6 | 11.3 |

Continued on next page.

Table 14.02-- CONSUMER PRICE INDEX, FOR ALL URBAN CONSUMERS (CPI-U), ALL ITEMS, FOR HONOLULU AND UNITED STATES: 1940 TO 2007 -- Con.

| Year | Honolulu | | United States | |
|------|----------------|-----------------------------------|----------------|-----------------------------------|
| | Annual average | Percent change from previous year | Annual average | Percent change from previous year |
| 1980 | 83.0 | 11.7 | 82.4 | 13.5 |
| 1981 | 91.7 | 10.5 | 90.9 | 10.3 |
| 1982 | 97.2 | 6.0 | 96.5 | 6.2 |
| 1983 | 99.3 | 2.2 | 99.6 | 3.2 |
| 1984 | 103.5 | 4.2 | 103.9 | 4.3 |
| 1985 | 106.8 | 3.2 | 107.6 | 3.6 |
| 1986 | 109.4 | 2.4 | 109.6 | 1.9 |
| 1987 | 114.9 | 5.0 | 113.6 | 3.6 |
| 1988 | 121.7 | 5.9 | 118.3 | 4.1 |
| 1989 | 128.7 | 5.8 | 124.0 | 4.8 |
| 1990 | 138.1 | 7.3 | 130.7 | 5.4 |
| 1991 | 148.0 | 7.2 | 136.2 | 4.2 |
| 1992 | 155.1 | 4.8 | 140.3 | 3.0 |
| 1993 | 160.1 | 3.2 | 144.5 | 3.0 |
| 1994 | 164.5 | 2.7 | 148.2 | 2.6 |
| 1995 | 168.1 | 2.2 | 152.4 | 2.8 |
| 1996 | 170.7 | 1.5 | 156.9 | 3.0 |
| 1997 | 171.9 | 0.7 | 160.5 | 2.3 |
| 1998 | 171.5 | -0.2 | 163.0 | 1.6 |
| 1999 | 173.3 | 1.0 | 166.6 | 2.2 |
| 2000 | 176.3 | 1.7 | 172.2 | 3.4 |
| 2001 | 178.4 | 1.2 | 177.1 | 2.8 |
| 2002 | 180.3 | 1.1 | 179.9 | 1.6 |
| 2003 | 184.5 | 2.3 | 184.0 | 2.3 |
| 2004 | 190.6 | 3.3 | 188.9 | 2.7 |
| 2005 | 197.8 | 3.8 | 195.3 | 3.4 |
| 2006 | 209.4 | 5.9 | 201.6 | 3.2 |
| 2007 | 219.504 | 4.8 | 207.342 | 2.8 |

X Not applicable.

Source: For Honolulu: 1940-1963 from surveys by Eugene Danaher and Hawaii State Department of Labor and Industrial Relations, cited in Hawaii State Department of Planning and Economic Development, *The Honolulu Consumer Price Index, 1940-1986* (Statistical Report 187, May 30, 1986), as shifted to 1982-1984 base. 1987-2007: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers [CPI-U] Honolulu and the United States <<http://www.bls.gov/cpi/home.htm>> accessed February 20, 2008.

Table 14.03-- CONSUMER PRICE INDEX- ALL ITEMS, BY TYPE OF CONSUMER, FOR HONOLULU: SEMI-ANNUAL AND ANNUAL AVERAGE, 1984 TO 2007

| Year | All urban consumers (CPI-U) | | | Urban wage earners and clerical workers (CPI-W) | | |
|-----------------|-----------------------------|------------|-------------|---|------------|-------------|
| | Annual average | First half | Second half | Annual average | First half | Second half |
| 1982-1984 = 100 | | | | | | |
| 1984 | 103.5 | 102.5 | 104.4 | 104.3 | 103.0 | 105.5 |
| 1985 | 106.8 | 106.3 | 107.4 | 107.9 | 107.4 | 108.4 |
| 1986 | 109.4 | 108.9 | 109.9 | 110.3 | 109.9 | 110.7 |
| 1987 | 114.9 | 113.3 | 116.5 | 115.9 | 114.3 | 117.6 |
| 1988 | 121.7 | 120.1 | 123.4 | 122.8 | 121.1 | 124.5 |
| 1989 | 128.7 | 126.4 | 131.1 | 129.7 | 127.4 | 132.0 |
| 1990 | 138.1 | 135.5 | 140.8 | 138.9 | 136.3 | 141.6 |
| 1991 | 148.0 | 146.8 | 149.1 | 148.9 | 147.7 | 150.1 |
| 1992 | 155.1 | 153.9 | 156.4 | 155.9 | 154.6 | 157.2 |
| 1993 | 160.1 | 158.6 | 161.6 | 160.7 | 159.4 | 162.0 |
| 1994 | 164.5 | 163.4 | 165.7 | 164.7 | 163.5 | 165.8 |
| 1995 | 168.1 | 166.9 | 169.4 | 168.4 | 167.2 | 169.7 |
| 1996 | 170.7 | 170.5 | 171.0 | 171.0 | 170.8 | 171.2 |
| 1997 | 171.9 | 172.1 | 171.8 | 172.2 | 172.4 | 172.0 |
| 1998 | 171.5 | 172.0 | 171.0 | 171.6 | 172.3 | 171.0 |
| 1999 | 173.3 | 172.7 | 173.8 | 173.4 | 173.0 | 173.9 |
| 2000 | 176.3 | 175.9 | 176.7 | 176.5 | 176.0 | 176.9 |
| 2001 | 178.4 | 178.1 | 178.7 | 179.1 | 178.6 | 179.5 |
| 2002 | 180.3 | 180.1 | 180.4 | 180.6 | 180.4 | 180.7 |
| 2003 | 184.5 | 183.2 | 185.7 | 184.3 | 183.4 | 185.3 |
| 2004 | 190.6 | 189.2 | 191.9 | 190.2 | 188.8 | 191.5 |
| 2005 | 197.8 | 195.0 | 200.6 | 197.2 | 194.6 | 199.8 |
| 2006 | 209.4 | 206.4 | 212.3 | 208.5 | 205.6 | 211.4 |
| 2007 | 219.504 | 216.620 | 222.388 | 218.541 | 215.681 | 221.401 |

Continued on next page.

Table 14.03-- CONSUMER PRICE INDEX- ALL ITEMS, BY TYPE OF CONSUMER, FOR HONOLULU: SEMI-ANNUAL AND ANNUAL AVERAGE, 1984 TO 2007 -- Con.

| Year | All urban consumers (CPI-U) | | | Urban wage earners and clerical workers (CPI-W) | | |
|----------------------|-----------------------------|------------|-------------|---|------------|-------------|
| | Annual average | First half | Second half | Annual average | First half | Second half |
| Percentage change 1/ | | | | | | |
| 1985 | 3.2 | 3.7 | 2.9 | 3.5 | 4.3 | 2.7 |
| 1986 | 2.4 | 2.4 | 2.3 | 2.2 | 2.3 | 2.1 |
| 1987 | 5.0 | 4.0 | 6.0 | 5.1 | 4.0 | 6.2 |
| 1988 | 5.9 | 6.0 | 5.9 | 6.0 | 5.9 | 5.9 |
| 1989 | 5.8 | 5.2 | 6.2 | 5.6 | 5.2 | 6.0 |
| 1990 | 7.3 | 7.2 | 7.4 | 7.1 | 7.0 | 7.3 |
| 1991 | 7.2 | 8.3 | 5.9 | 7.2 | 8.4 | 6.0 |
| 1992 | 4.8 | 4.8 | 4.9 | 4.7 | 4.7 | 4.7 |
| 1993 | 3.2 | 3.1 | 3.3 | 3.1 | 3.1 | 3.1 |
| 1994 | 2.7 | 3.0 | 2.5 | 2.5 | 2.6 | 2.3 |
| 1995 | 2.2 | 2.1 | 2.2 | 2.2 | 2.3 | 2.4 |
| 1996 | 1.5 | 2.2 | 0.9 | 1.5 | 2.2 | 0.9 |
| 1997 | 0.7 | 0.9 | 0.5 | 0.7 | 0.9 | 0.5 |
| 1998 | -0.2 | -0.1 | -0.5 | -0.3 | -0.1 | -0.6 |
| 1999 | 1.0 | 0.4 | 1.6 | 1.0 | 0.4 | 1.7 |
| 2000 | 1.7 | 1.9 | 1.7 | 1.8 | 1.7 | 1.7 |
| 2001 | 1.2 | 1.3 | 1.1 | 1.5 | 1.5 | 1.5 |
| 2002 | 1.1 | 1.1 | 1.0 | 0.8 | 1.0 | 0.7 |
| 2003 | 2.3 | 1.7 | 2.9 | 2.0 | 1.7 | 2.5 |
| 2004 | 3.3 | 3.3 | 3.3 | 3.2 | 2.9 | 3.3 |
| 2005 | 3.8 | 3.1 | 4.5 | 3.7 | 3.1 | 4.3 |
| 2006 | 5.9 | 5.8 | 5.8 | 5.7 | 5.7 | 5.8 |
| 2007 | 4.8 | 5.0 | 4.8 | 4.8 | 4.9 | 4.7 |

1/ From same period in previous year.

Source: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers (CPI-U) and Consumer Price Index-Urban Wage Earners and Clerical Workers (CPI-W), All Items <<http://www.bls.gov/ro9/9225.pdf>> accessed February 20, 2008.

Table 14.04-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS (CPI-U), BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGE, 2003 TO 2007

[Unless otherwise specified, 1982-1984 =100. U.S. Bureau of Labor Statistics instituted a 3-decimal presentation beginning January 2007]

| Group | 2003 | 2004 | 2005 | 2006 | 2007 |
|--|----------|----------|----------|----------|------------|
| All items | 184.5 | 190.6 | 197.8 | 209.4 | 219.504 |
| Food and beverages | 174.9 | 180.2 | 185.9 | 194.2 | 204.942 |
| Food | 174.1 | 179.5 | 185.4 | 193.9 | 204.850 |
| Food at home | 178.7 | 185.7 | 191.4 | 198.9 | 211.000 |
| Food away from home | 167.1 | 171.0 | 176.4 | 186.0 | 195.071 |
| Alcoholic beverages | 184.0 | 188.5 | 191.5 | 197.7 | 204.337 |
| Housing | 186.2 | 194.3 | 205.2 | 222.5 | 238.428 |
| Shelter | 200.3 | 209.7 | 221.4 | 242.2 | 260.518 |
| Rent of primary residence | 190.2 | 196.9 | 207.6 | 228.9 | 247.386 |
| Owners' equivalent rent of primary residence | 1/ 206.4 | 1/ 214.4 | 1/ 225.0 | 1/ 248.3 | 1/ 267.859 |
| Fuel and utilities | 154.1 | 161.1 | 179.8 | 203.3 | 214.040 |
| Household energy 2/ | 137.7 | 146.1 | 165.4 | 187.3 | 192.529 |
| Gas (piped) and electricity | 136.9 | 144.8 | 163.5 | 185.2 | 190.190 |
| Electricity | 133.6 | 141.1 | 159.2 | 181.1 | 185.965 |
| Utility (piped) gas service 3/ | 167.7 | 180.7 | 206.9 | 217.8 | 224.454 |
| Household furnishings & operation | 162.8 | 166.4 | 165.1 | 162.6 | 165.368 |
| Apparel | 98.5 | 101.2 | 102.5 | 104.4 | 104.145 |
| Transportation | 176.4 | 182.4 | 191.6 | 202.1 | 205.027 |
| Private transportation | 171.5 | 179.4 | 189.1 | 199.8 | 202.805 |
| Motor fuel | 154.5 | 172.6 | 203.7 | 234.0 | 243.860 |
| Gasoline (all types) | 158.5 | 177.5 | 209.3 | 240.4 | 250.606 |
| Gasoline, unleaded regular 4/ | 166.0 | 186.6 | 220.3 | 253.5 | 264.578 |
| Gasoline, unleaded midgrade 4/ | 5/ 124.9 | 5/ 139.4 | 5/ 164.3 | 5/ 188.4 | 5/ 195.918 |
| Gasoline, unleaded premium 4/ | 145.0 | 160.5 | 188.4 | 215.1 | 223.726 |
| Medical care | (6/) | 275.9 | (6/) | (6/) | (6/) |
| Education and communication | 7/ 112.5 | 7/ 113.5 | 7/ 114.3 | 7/ 114.0 | 7/ 113.967 |
| Recreation | 7/ 100.4 | 7/ 102.3 | 7/ 97.8 | 7/ 101.1 | 7/ 102.572 |
| Other goods and services | 307.6 | 312.4 | 321.0 | 332.1 | 347.499 |
| Commodity and service group | | | | | |
| All items | 184.5 | 190.6 | 197.8 | 209.4 | 219.504 |
| Commodities | 154.8 | 159.3 | 164.1 | 169.4 | 174.478 |
| Commodities less food and beverages | 139.4 | 143.3 | 147.5 | 150.8 | 152.794 |
| Nondurables less food and beverages | 150.8 | 157.9 | 167.0 | 175.7 | 180.082 |
| Durables | 122.6 | 122.1 | 121.0 | 120.2 | 120.419 |
| Services | 210.3 | 217.8 | 227.1 | 244.2 | 258.946 |

Continued on next page.

Table 14.04-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS (CPI-U), BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGE, 2003 TO 2007 -- Con.

| Group | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------------------------------------|----------|----------|----------|----------|------------|
| Special aggregate indexes: | | | | | |
| All items less shelter | 178.5 | 183.2 | 188.1 | 195.6 | 201.523 |
| All items less medical care | 180.2 | 186.3 | 193.5 | 205.1 | 214.992 |
| All items less energy | 188.6 | 194.3 | 200.2 | 211.0 | 221.339 |
| Energy | 147.0 | 160.6 | 186.3 | 211.6 | 219.187 |
| All items less food and energy | 192.6 | 198.4 | 204.4 | 215.6 | 225.932 |
| Commodities less food | 141.4 | 145.3 | 149.5 | 152.9 | 155.028 |
| Nondurables less food | 153.1 | 159.9 | 168.6 | 177.1 | 181.620 |
| Nondurables | 164.2 | 170.3 | 177.6 | 186.0 | 193.935 |
| Services less rent of shelter | 1/ 224.5 | 1/ 229.5 | 1/ 234.1 | 1/ 246.1 | 1/ 253.668 |
| Services less medical care services | 205.4 | 213.2 | 222.6 | 240.4 | 254.878 |

1/ Indexes on a December 1982=100 base.

2/ Prior to 2006, called 'Fuels'.

3/ Prior to 2004, called 'Utility natural gas service'.

4/ Special index based on a substantially smaller sample.

5/ Indexes on a December 1993=100 base.

6/ No data were available or data did not meet U.S. Bureau of Labor Statistics' publication criteria.

7/ Indexes on a December 1997=100 base.

Source: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers [CPI-U] <<http://www.bls.gov/data/home.htm>> and San Francisco Regional Office News Releases - Honolulu, Hawaii <<http://www.bls.gov/ro9/ro9news.htm>> accessed February 20, 2008.

Table 14.05-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER PRICE INDEX, ALL URBAN CONSUMERS (CPI-U), FOR THE UNITED STATES AND HONOLULU, DECEMBER 2006 AND 2007

[Percent of all items. 2006 is based on the 2003-2004 and 2007 is based on the 2005-2006 weights in the Consumer Expenditure Survey]

| Group | 2006 CPI-U | | 2007 CPI-U | |
|--|------------|----------|------------|----------|
| | U.S. | Honolulu | U.S. | Honolulu |
| Relative importance of area | 100.000 | 0.324 | 100.000 | 0.357 |
| EXPENDITURE CATEGORY | | | | |
| All items | 100.000 | 100.000 | 100.000 | 100.000 |
| Food and beverages | 14.992 | 15.689 | 14.914 | 15.488 |
| Food | 13.885 | 14.917 | 13.833 | 14.500 |
| Food at home | 7.896 | 7.885 | 7.660 | 7.275 |
| Cereals and bakery products | 1.103 | (NA) | 1.030 | (NA) |
| Meats, poultry, fish, and eggs | 2.112 | (NA) | 1.807 | (NA) |
| Meats, poultry, and fish | 2.013 | (NA) | 1.687 | (NA) |
| Dairy and related products | 0.821 | (NA) | 0.887 | (NA) |
| Fruits and vegetables | 1.211 | (NA) | 1.156 | (NA) |
| Other food at home | 1.743 | (NA) | 1.852 | (NA) |
| Food away from home | 5.989 | 7.032 | 6.173 | 7.224 |
| Alcoholic beverages | 1.107 | 0.772 | 1.080 | 0.988 |
| Housing | 42.691 | 45.168 | 42.427 | 46.815 |
| Shelter | 32.776 | 38.160 | 32.596 | 38.580 |
| Rent of primary residence | 5.930 | 8.555 | 5.765 | 7.058 |
| Tenants' and household insurance | 0.369 | (NA) | 0.325 | (NA) |
| Owners' equivalent rent of primary residence | 23.830 | 27.686 | 23.942 | 29.157 |
| Lodging away from home | 2.648 | (NA) | 2.564 | (NA) |
| Fuels and utilities | 5.264 | 3.513 | 5.128 | 3.894 |
| Household energy 1/ | 4.368 | 2.703 | 4.215 | 2.970 |
| Fuel oil and other fuels | 0.338 | (NA) | 0.351 | (NA) |
| Fuel oil | 0.231 | (NA) | 0.239 | (NA) |
| Propane, kerosene, and firewood 2/ | 0.107 | (NA) | 0.113 | (NA) |
| Gas (piped) and electricity | 4.029 | 2.646 | 3.864 | 2.896 |
| Electricity | 2.750 | 2.496 | 2.766 | 2.743 |
| Utility (piped) gas service | 1.280 | 0.151 | 1.098 | 0.153 |
| Water and sewer and trash collection serv. | 0.897 | (NA) | 0.913 | (NA) |
| Household furnishings and operations | 4.651 | 3.496 | 4.702 | 4.336 |
| Apparel | 3.726 | 2.970 | 3.731 | 3.501 |
| Men's and boys' apparel | 0.885 | (NA) | 0.935 | (NA) |
| Women's and girls' apparel | 1.590 | (NA) | 1.600 | (NA) |
| Footwear | 0.749 | (NA) | 0.679 | (NA) |
| Infants' and toddlers' apparel | 0.177 | (NA) | 0.185 | (NA) |
| Jewelry and watches | 0.325 | (NA) | 0.333 | (NA) |

Continued on next page.

Table 14.05-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER PRICE INDEX, ALL URBAN CONSUMERS (CPI-U), FOR THE UNITED STATES AND HONOLULU, DECEMBER 2006 AND 2007 -- Con.

| Group | 2006 CPI-U | | 2007 CPI-U | |
|-------------------------------------|------------|----------|------------|----------|
| | U.S. | Honolulu | U.S. | Honolulu |
| EXPENDITURE CATEGORY -- Con. | | | | |
| Transportation | 17.249 | 17.511 | 17.688 | 15.725 |
| Private transportation | 16.188 | 15.896 | 16.583 | 13.685 |
| Motor fuel | 4.347 | 3.205 | 5.482 | 3.966 |
| Gasoline (all types) | 4.303 | 3.125 | 5.215 | 3.894 |
| Public transportation | 1.060 | (NA) | 1.106 | (NA) |
| Medical care | 6.281 | 5.352 | 6.231 | 4.969 |
| Medical care services | 4.834 | (NA) | 4.630 | (NA) |
| Recreation | 5.552 | 4.899 | 5.647 | 5.441 |
| Education and communication | 6.034 | 5.180 | 6.086 | 5.258 |
| Other goods and services | 3.476 | 3.231 | 3.277 | 2.816 |
| Personal care | 2.764 | (NA) | 2.546 | (NA) |
| COMMODITY AND SERVICE GROUP 3/ | | | | |
| All items | 100.000 | 100.000 | 100.000 | 100.000 |
| Commodities | 40.305 | 38.719 | 41.269 | 38.512 |
| Commodities less food and beverages | 25.313 | 23.030 | 26.356 | 23.022 |
| Nondurables less food and beverages | 14.191 | 11.023 | 15.519 | 12.866 |
| Durables | 11.122 | 12.007 | 10.837 | 10.141 |
| Services | 59.695 | 61.281 | 58.731 | 61.486 |
| SPECIAL AGGREGATE INDEXES 3/ | | | | |
| All items less shelter | 67.224 | 61.840 | 67.404 | 61.420 |
| All items less medical care | 93.719 | 94.648 | 93.769 | 95.033 |
| All items less energy | 91.285 | 94.092 | 90.302 | 93.055 |
| All items less food and energy | 77.401 | 79.175 | 76.469 | 78.557 |
| Energy | 8.715 | 5.908 | 9.698 | 6.938 |
| Commodities less food | 26.420 | 23.802 | 27.436 | 24.010 |
| Nondurables less food | 15.299 | 11.795 | 16.599 | 13.853 |
| Nondurables | 29.183 | 26.712 | 30.432 | 28.364 |
| Services less rent of shelter | 27.288 | 23.346 | 26.460 | 23.132 |
| Rent of shelter | 32.407 | (NA) | 32.271 | (NA) |
| Services less medical care services | 54.861 | 57.113 | 54.101 | 57.875 |

NA Not available.

1/ Prior to 2006, called "Fuels".

2/ Prior to 2006, "Other household fuels".

3/ The two U.S.-level categories are published in a single "Special aggregate indexes" category.

Source: U.S. Bureau of Labor Statistics, "Relative Importance of Components in the Consumer Price Indexes" (annual) tables 1, 2, and 7 <<http://www.bls.gov/cpi/home.htm>> accessed February 20, 2008.

Table 14.06-- MEDIAN GROSS RENT AMOUNT AND AS PERCENTAGE OF HOUSEHOLD INCOME FOR THE UNITED STATES, THE 50 STATES, AND FOR PUERTO RICO: 1990 AND 2000

[Data based on sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see <<http://www.census.gov/prod/cen2000/doc/sf3.pdf>>. Rank of 1 indicates highest amount. Areas in order of highest rank in 2000]

| Area | Median gross rent | | | | | |
|----------------------|----------------------|--|----------|-------------------|--|----------|
| | 1990 | | | 2000 | | |
| | Amount in dollars 1/ | Percentage of household income in 1989 | | Amount in dollars | Percentage of household income in 1989 | |
| | | Number | Rank | | Number | Rank |
| United States | 571 | 26.4 | (X) | 602 | 25.5 | (X) |
| California | 792 | 29.1 | 1 | 747 | 27.7 | 1 |
| Florida | 613 | 28.0 | 2 | 641 | 27.5 | 2 |
| Hawaii | 830 | 27.4 | 6 | 779 | 27.2 | 3 |
| Oregon | 521 | 25.5 | 27 | 620 | 26.9 | 4 |
| New York | 620 | 26.3 | 20 | 672 | 26.8 | 5 |
| Arizona | 560 | 27.5 | 4 | 619 | 26.6 | 6 |
| New Mexico | 473 | 26.5 | 17 | 503 | 26.6 | 7 |
| Nevada | 650 | 26.8 | 12 | 699 | 26.5 | 8 |
| Washington | 569 | 25.7 | 26 | 663 | 26.5 | 9 |
| Colorado | 533 | 26.1 | 21 | 671 | 26.4 | 10 |
| Vermont | 570 | 27.1 | 9 | 553 | 26.2 | 11 |
| Louisiana | 450 | 27.9 | 3 | 466 | 25.8 | 12 |
| West Virginia | 387 | 26.8 | 13 | 401 | 25.8 | 13 |
| Rhode Island | 625 | 27.5 | 5 | 553 | 25.7 | 14 |
| Massachusetts | 741 | 26.8 | 11 | 684 | 25.5 | 15 |
| New Jersey | 756 | 26.3 | 19 | 751 | 25.5 | 16 |
| Connecticut | 764 | 26.6 | 15 | 681 | 25.4 | 17 |
| Maine | 535 | 26.8 | 10 | 497 | 25.3 | 18 |
| Montana | 396 | 25.0 | 33 | 447 | 25.3 | 19 |
| Idaho | 422 | 23.8 | 48 | 515 | 25.3 | 20 |
| Mississippi | 394 | 27.1 | 8 | 439 | 25.0 | 21 |
| Pennsylvania | 516 | 26.1 | 22 | 531 | 25.0 | 22 |
| Georgia | 553 | 25.8 | 24 | 613 | 24.9 | 23 |
| Utah | 471 | 23.8 | 49 | 597 | 24.9 | 24 |
| District of Columbia | 612 | 25.4 | 28 | 618 | 24.8 | 25 |
| Tennessee | 456 | 25.0 | 34 | 505 | 24.8 | 26 |
| Alabama | 415 | 24.8 | 37 | 447 | 24.8 | 27 |
| Alaska | 714 | 23.8 | 47 | 720 | 24.8 | 28 |
| Minnesota | 539 | 26.7 | 14 | 566 | 24.7 | 29 |

Continued on next page.

Table 14.06-- MEDIAN GROSS RENT AMOUNT AND AS PERCENTAGE OF HOUSEHOLD INCOME FOR THE UNITED STATES, THE 50 STATES, AND FOR PUERTO RICO: 1990 AND 2000-- Con.

| Area | Median gross rent | | | | | |
|----------------|----------------------|--|------|-------------------|--|------|
| | 1990 | | | 2000 | | |
| | Amount in dollars 1/ | Percentage of household income in 1989 | | Amount in dollars | Percentage of household income in 1989 | |
| | | Number | Rank | | Number | Rank |
| Maryland | 700 | 25.4 | 29 | 689 | 24.7 | 30 |
| Virginia | 632 | 25.8 | 25 | 650 | 24.5 | 31 |
| Michigan | 540 | 27.2 | 7 | 546 | 24.4 | 32 |
| Arkansas | 418 | 26.5 | 16 | 453 | 24.4 | 33 |
| Illinois | 569 | 25.9 | 23 | 605 | 24.4 | 34 |
| Texas | 505 | 24.6 | 40 | 574 | 24.4 | 35 |
| South Carolina | 482 | 24.4 | 43 | 510 | 24.4 | 36 |
| Oklahoma | 434 | 25.4 | 30 | 456 | 24.3 | 37 |
| Delaware | 634 | 24.7 | 38 | 639 | 24.3 | 38 |
| North Carolina | 488 | 24.4 | 42 | 548 | 24.3 | 39 |
| New Hampshire | 701 | 26.4 | 18 | 646 | 24.2 | 40 |
| Ohio | 483 | 25.3 | 31 | 515 | 24.2 | 41 |
| Missouri | 470 | 25.2 | 32 | 484 | 24.0 | 42 |
| Kentucky | 408 | 24.9 | 35 | 445 | 24.0 | 43 |
| Indiana | 477 | 24.3 | 44 | 521 | 23.9 | 44 |
| Wisconsin | 510 | 24.9 | 36 | 540 | 23.4 | 45 |
| Kansas | 474 | 24.5 | 41 | 498 | 23.4 | 46 |
| Iowa | 429 | 24.1 | 45 | 470 | 23.2 | 47 |
| Nebraska | 445 | 23.7 | 50 | 491 | 23.0 | 48 |
| South Dakota | 391 | 24.6 | 39 | 426 | 22.9 | 49 |
| Wyoming | 425 | 23.7 | 51 | 437 | 22.5 | 50 |
| North Dakota | 400 | 23.9 | 46 | 412 | 22.3 | 51 |
| Puerto Rico | 261 | 29.4 | (X) | 297 | 27.0 | (X) |

X Not applicable.

1/ Adjusted to 2000 dollars, using CPI-U-RS factor 1.277636.

Source: U.S. Census Bureau, 1990 Census and Census 2000 Summary File 3, *Housing Costs of Renters: 2000; Census 2000 Brief*, Issued May 2003 - C2KBR-21, Table 2

<<http://www.census.gov/prod/2003pubs/c2kbr-21.pdf>> accessed September 18, 2003.

Table 14.07-- MORTGAGE STATUS, MEDIAN SELECTED MONTHLY OWNER COSTS BY MORTGAGE STATUS AND AS A PERCENTAGE OF HOUSEHOLD INCOME: UNITED STATES AND HAWAII: 1990 AND 2000

[Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see www.census.gov/prod/cen2000/doc/sf3.pdf]

| Category | United States | Hawaii |
|---|---------------|---------|
| Specified owner-occupied | | |
| 1990 | 45,550,059 | 147,510 |
| 2000 | 55,212,108 | 173,861 |
| Specified owner-occupied with a mortgage | | |
| 1990 | | |
| Number | 29,811,735 | 102,601 |
| Percent | 65.4 | 69.6 |
| 2000 | | |
| Number | 38,663,887 | 122,128 |
| Percent | 70.0 | 70.2 |
| Specified owner-occupied without a mortgage | | |
| 1990 | | |
| Number | 15,738,324 | 44,909 |
| Percent | 34.6 | 30.4 |
| 2000 | | |
| Number | 16,548,221 | 51,733 |
| Percent | 30.0 | 29.8 |
| Median selected monthly owner costs (in dollars) 1/ | | |
| With a mortgage | | |
| 1990 | 940 | 1,288 |
| 2000 | 1,088 | 1,636 |
| Without a mortgage | | |
| 1990 | 267 | 217 |
| 2000 | 295 | 271 |
| Median selected monthly owner costs as a percentage of household income | | |
| With a mortgage | | |
| 1990 | 21.0 | 21.4 |
| 2000 | 21.7 | 26.3 |
| Without a mortgage | | |
| 1990 | 11.1 | (2/) |
| 2000 | 10.5 | (2/) |

1/ Adjusted to 2000 dollars, using CPI-U-RS factor 1.277636.

2/ Represents less than 10 percent.

Source: U.S. Census Bureau, 1990 census and Census 2000 Summary File 3, September 16, 2003, Tables 2 and 3 <<http://www.census.gov/prod/2003pubs/c2kbr-27.pdf>> accessed September 18, 2003.

Table 14.08-- MEDIAN SELECTED MONTHLY OWNER COSTS BY MORTGAGE STATUS AND AS A PERCENTAGE OF HOUSEHOLD INCOME, FOR THE UNITED STATES, THE 50 STATES, AND FOR PUERTO RICO: 1990 AND 2000

[In dollars and percent. Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see <<http://www.census.gov/prod/cen2000/doc/sf3.pdf>>]

| Area | Median selected monthly owner costs | | | | Median selected monthly owner costs as a percentage of household income | | | |
|---------------|-------------------------------------|--------------|--------------------|------------|---|-------------|--------------------|-------------|
| | With a mortgage | | Without a mortgage | | With a mortgage | | Without a mortgage | |
| | 1990 1/ | 2000 | 1990 1/ | 2000 | 1990 | 2000 | 1990 | 2000 |
| United States | 940 | 1,088 | 267 | 295 | 21.0 | 21.7 | 11.1 | 10.5 |
| Alabama | 706 | 816 | 203 | 228 | 19.1 | 19.8 | 10.3 | (2/) |
| Alaska | 1,353 | 1,315 | 296 | 393 | 21.5 | 22.3 | (2/) | (2/) |
| Arizona | 983 | 1,039 | 240 | 268 | 22.8 | 22.1 | (2/) | (2/) |
| Arkansas | 655 | 737 | 221 | 240 | 20.0 | 19.4 | 12.1 | (2/) |
| California | 1,376 | 1,478 | 244 | 305 | 24.9 | 25.3 | (2/) | (2/) |
| Colorado | 1,022 | 1,197 | 259 | 277 | 22.5 | 22.6 | 10.8 | (2/) |
| Connecticut | 1,400 | 1,426 | 432 | 473 | 22.9 | 22.4 | 12.8 | 13.1 |
| Delaware | 975 | 1,101 | 256 | 267 | 19.7 | 20.8 | (2/) | (2/) |
| Dist. Of Col. | 1,209 | 1,291 | 319 | 313 | 20.5 | 22.2 | (2/) | (2/) |
| Florida | 917 | 1,004 | 238 | 306 | 22.3 | 22.8 | (2/) | 10.5 |
| Georgia | 942 | 1,039 | 233 | 259 | 20.9 | 20.8 | 10.5 | (2/) |
| Hawaii | 1,288 | 1,636 | 217 | 271 | 21.4 | 26.3 | (2/) | (2/) |
| Idaho | 715 | 887 | 201 | 236 | 19.6 | 21.5 | (2/) | (2/) |
| Illinois | 979 | 1,198 | 308 | 353 | 20.2 | 21.7 | 11.2 | 11.1 |
| Indiana | 714 | 869 | 240 | 255 | 18.0 | 19.3 | 10.2 | (2/) |
| Iowa | 703 | 829 | 250 | 268 | 18.5 | 19.1 | 11.5 | (2/) |
| Kansas | 802 | 888 | 239 | 273 | 19.5 | 19.3 | 10.9 | (2/) |
| Kentucky | 684 | 816 | 192 | 214 | 18.8 | 19.6 | (2/) | (2/) |
| Louisiana | 759 | 816 | 215 | 232 | 20.6 | 19.6 | 11.2 | (2/) |
| Maine | 847 | 923 | 284 | 299 | 21.4 | 21.4 | 12.2 | 12.1 |
| Maryland | 1,173 | 1,296 | 300 | 333 | 21.1 | 22.2 | 10.0 | (2/) |
| Massachusetts | 1,258 | 1,353 | 381 | 406 | 22.3 | 21.9 | 12.6 | 12.4 |
| Michigan | 828 | 972 | 314 | 288 | 18.8 | 19.6 | 12.5 | (2/) |
| Minnesota | 925 | 1,044 | 238 | 271 | 20.4 | 20.0 | 10.5 | (2/) |
| Mississippi | 653 | 752 | 202 | 232 | 20.8 | 20.4 | 11.8 | (2/) |
| Missouri | 767 | 861 | 226 | 249 | 19.1 | 19.5 | 10.0 | (2/) |
| Montana | 735 | 863 | 224 | 261 | 20.2 | 22.2 | 10.9 | 10.4 |
| Nebraska | 779 | 895 | 244 | 283 | 19.7 | 19.7 | 11.5 | 10.5 |
| Nevada | 1,067 | 1,190 | 261 | 294 | 22.4 | 23.8 | (2/) | (2/) |

Continued on next page.

Table 14.08-- MEDIAN SELECTED MONTHLY OWNER COSTS BY MORTGAGE STATUS AND AS A PERCENTAGE OF HOUSEHOLD INCOME, FOR THE UNITED STATES, THE 50 STATES, AND FOR PUERTO RICO: 1990 AND 2000 -- Con.

| Area | Median selected monthly owner costs | | | | Median selected monthly owner costs as a percentage of household income | | | |
|----------------|-------------------------------------|-------|--------------------|------|---|------|--------------------|------|
| | With a mortgage | | Without a mortgage | | With a mortgage | | Without a mortgage | |
| | 1990 1/ | 2000 | 1990 1/ | 2000 | 1990 | 2000 | 1990 | 2000 |
| New Hampshire | 1,278 | 1,226 | 410 | 441 | 24.4 | 22.3 | 14.2 | 13.6 |
| New Jersey | 1,412 | 1,560 | 488 | 567 | 23.4 | 23.7 | 14.6 | 15.3 |
| New Mexico | 833 | 929 | 208 | 228 | 21.6 | 22.2 | (2/) | (2/) |
| New York | 1,141 | 1,357 | 413 | 457 | 21.5 | 23.2 | 13.8 | 13.6 |
| North Carolina | 836 | 985 | 235 | 254 | 20.5 | 21.3 | 10.8 | (2/) |
| North Dakota | 777 | 818 | 245 | 270 | 20.3 | 19.4 | 11.9 | 10.2 |
| Ohio | 797 | 963 | 262 | 289 | 19.0 | 20.6 | 11.0 | 10.6 |
| Oklahoma | 731 | 764 | 210 | 231 | 20.0 | 19.2 | 10.9 | (2/) |
| Oregon | 828 | 1,125 | 289 | 303 | 20.4 | 23.2 | 12.7 | 10.5 |
| Pennsylvania | 870 | 1,010 | 289 | 318 | 20.2 | 21.6 | 12.1 | 12.2 |
| Rhode Island | 1,138 | 1,205 | 371 | 406 | 22.7 | 22.7 | 13.0 | 13.4 |
| South Carolina | 787 | 894 | 229 | 240 | 19.9 | 20.5 | 10.7 | (2/) |
| South Dakota | 724 | 828 | 249 | 279 | 19.9 | 19.7 | 12.6 | 10.5 |
| Tennessee | 759 | 882 | 217 | 240 | 20.1 | 21.1 | 10.2 | (2/) |
| Texas | 908 | 986 | 247 | 296 | 20.9 | 20.1 | 11.5 | 10.9 |
| Utah | 851 | 1,102 | 236 | 249 | 20.9 | 22.9 | (2/) | (2/) |
| Vermont | 917 | 1,021 | 335 | 378 | 21.9 | 22.4 | 14.1 | 13.9 |
| Virginia | 1,060 | 1,144 | 245 | 263 | 21.9 | 21.4 | (2/) | (2/) |
| Washington | 942 | 1,268 | 248 | 338 | 20.4 | 23.8 | (2/) | 10.4 |
| West Virginia | 636 | 713 | 183 | 207 | 18.5 | 19.5 | (2/) | (2/) |
| Wisconsin | 866 | 1,024 | 321 | 333 | 20.1 | 20.9 | 12.8 | 11.2 |
| Wyoming | 781 | 825 | 207 | 229 | 19.4 | 19.7 | (2/) | (2/) |
| Puerto Rico | 408 | 625 | 82 | 124 | 22.3 | 27.9 | (2/) | 12.5 |

1/ Adjusted to 2000 dollars, using CPI-U-RS factor 1.277636.

2/ Represents less than 10 percent.

Source: U.S. Census Bureau, 1990 census and Census 2000 Summary File 3, September 16, 2003, tables 2 and 3 <<http://www.census.gov/prod/2003pubs/c2kbr-27.pdf>> accessed September 18, 2003.

Table 14.09-- SINGLE-FAMILY HOME PRICE APPRECIATION FOR THE UNITED STATES, THE 50 STATES, AND THE DISTRICT OF COLUMBIA: 1980 TO 2007

[In percent change from previous period and number. Period ending December 30. The House Price Index is a weighted, repeat-sales index, measuring average price changes on the same single-family properties. The data are provided to OFHEO by Fannie Mae and Freddie Mac]

| State | One-year (percent) | Rank 1/ | Five-year (percent) | Since 1980 (percent) |
|----------------------|-----------------------|-----------|------------------------|-------------------------|
| United States 2/ | 0.84 | (X) | 41.37 | 290.20 |
| Utah | 9.27 | 1 | 54.26 | 293.60 |
| Wyoming | 8.27 | 2 | 64.47 | 189.56 |
| North Dakota | 7.87 | 3 | 41.11 | 161.03 |
| Montana | 6.90 | 4 | 62.34 | 294.61 |
| Alaska | 5.97 | 5 | 51.11 | 185.40 |
| Washington | 5.44 | 6 | 66.85 | 413.94 |
| New Mexico | 5.39 | 7 | 56.20 | 245.60 |
| Texas | 5.21 | 8 | 25.17 | 128.94 |
| Oklahoma | 5.13 | 9 | 26.98 | 110.06 |
| North Carolina | 4.85 | 10 | 32.05 | 247.89 |
| South Dakota | 4.83 | 11 | 33.02 | 197.74 |
| Idaho | 4.55 | 12 | 63.03 | 258.02 |
| Alabama | 4.45 | 13 | 33.11 | 196.66 |
| Tennessee | 4.14 | 14 | 31.14 | 213.81 |
| Louisiana | 4.14 | 15 | 39.76 | 153.02 |
| Mississippi | 4.12 | 16 | 31.96 | 165.69 |
| Oregon | 3.85 | 17 | 67.42 | 372.37 |
| South Carolina | 3.77 | 18 | 33.39 | 222.31 |
| Arkansas | 3.63 | 19 | 31.37 | 164.06 |
| Kentucky | 3.51 | 20 | 23.50 | 195.37 |
| West Virginia | 3.04 | 21 | 32.99 | 135.62 |
| Pennsylvania | 2.83 | 22 | 47.95 | 313.18 |
| Iowa | 2.73 | 23 | 21.79 | 155.18 |
| Georgia | 2.55 | 24 | 24.74 | 248.14 |
| Kansas | 2.54 | 25 | 21.65 | 147.88 |
| Missouri | 2.46 | 26 | 28.00 | 207.82 |
| Nebraska | 2.45 | 27 | 18.75 | 161.09 |
| Vermont | 2.41 | 28 | 56.25 | 374.91 |
| Hawaii | 2.01 | 29 | 96.59 | 449.11 |
| Illinois | 1.95 | 30 | 36.18 | 285.44 |
| Delaware | 1.95 | 31 | 59.93 | 421.50 |
| Wisconsin | 1.94 | 32 | 31.43 | 234.38 |
| Maine | 1.91 | 33 | 45.95 | 421.20 |
| District of Columbia | 1.87 | 34 | 87.62 | 569.75 |

Continued on next page.

Table 14.09-- SINGLE-FAMILY HOME PRICE APPRECIATION FOR THE UNITED STATES, THE 50 STATES, AND THE DISTRICT OF COLUMBIA: 1980 TO 2007-- Con.

| State | One-year (percent) | Rank 1/ | Five-year (percent) | Since 1980 (percent) |
|---------------|--------------------|---------|---------------------|----------------------|
| Indiana | 1.47 | 35 | 14.66 | 160.24 |
| Colorado | 1.37 | 36 | 17.46 | 270.22 |
| Connecticut | 0.81 | 37 | 43.51 | 377.32 |
| Virginia | 0.81 | 38 | 66.28 | 378.42 |
| Maryland | 0.80 | 39 | 80.64 | 441.83 |
| New York | 0.66 | 40 | 51.10 | 564.43 |
| New Jersey | -0.27 | 41 | 57.18 | 477.49 |
| Ohio | -0.42 | 42 | 11.47 | 169.69 |
| New Hampshire | -0.61 | 43 | 34.60 | 398.65 |
| Minnesota | -1.15 | 44 | 28.58 | 267.58 |
| Massachusetts | -2.17 | 45 | 28.08 | 607.71 |
| Arizona | -2.40 | 46 | 80.40 | 320.35 |
| Rhode Island | -2.56 | 47 | 51.21 | 485.31 |
| Michigan | -4.27 | 48 | 5.66 | 204.87 |
| Florida | -4.69 | 49 | 77.90 | 363.56 |
| Nevada | -5.86 | 50 | 75.63 | 287.15 |
| California | -6.65 | 51 | 69.09 | 501.56 |

X Not applicable.

1/ Rank based on one-year appreciation. The lower the rank, the higher the appreciation.

2/ United States figures based on weighted average of Census Divisions.

Source: Office of Federal Housing Enterprise Oversight (OFHEO) "Widespread House Price Declines in Fourth Quarter", pp. 25-26 (February 26, 2008) <<http://www.ofheo.gov/media/pdf/4q07hpi.pdf>> accessed May 13, 2008.

**Table 14.10-- COST OF LIVING ANALYSES FOR HONOLULU
AND THE UNITED STATES AVERAGE: JANUARY 1, 2008**

[The U.S. National Average assumed consumption patterns vary according to income level. The Reference profiles for cost-of-living model rental (approximates the rental equivalent of owner-occupied housing) situations only. The Institute model may be considered as an evolution of the U.S. Department of Labor's "Urban Family of Four" model which the Bureau of Labor Statistics discontinued in 1981]

| Category | Income level 1 1/ | Income level 2 2/ | Income level 3 3/ | Income level 4 4/ |
|----------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Honolulu total | 22,508 | 42,262 | 79,173 | 113,394 |
| Rent, utilities | 12,058 | 22,825 | 38,489 | 50,422 |
| Taxes: federal, state, payroll | 2,008 | 5,076 | 10,291 | 16,934 |
| Consumables | 6,801 | 10,816 | 20,320 | 27,875 |
| Transportation | 813 | 2,164 | 5,176 | 8,819 |
| Health services | 828 | 1,322 | 2,196 | 2,565 |
| Miscellaneous | - | 59 | 2,701 | 6,779 |
| U.S. national average | 12,168 | 24,000 | 48,000 | 72,000 |
| Rent, utilities | 4,928 | 9,547 | 16,692 | 22,157 |
| Taxes: federal, state, payroll | 1,727 | 4,401 | 9,216 | 15,264 |
| Consumables | 4,062 | 6,859 | 12,798 | 17,588 |
| Transportation | 730 | 1,959 | 4,654 | 7,943 |
| Health services | 721 | 1,175 | 1,939 | 2,269 |
| Miscellaneous | - | 59 | 2,701 | 6,779 |
| Honolulu indexed to U.S. average | 185.0 | 176.1 | 164.9 | 157.5 |
| Rent, utilities | 244.7 | 239.1 | 230.6 | 227.6 |
| Taxes: federal, state, payroll | 116.3 | 115.3 | 111.7 | 110.9 |
| Consumables | 167.4 | 157.7 | 158.8 | 158.5 |
| Transportation | 111.4 | 110.5 | 111.2 | 111.0 |
| Health services | 114.8 | 112.5 | 113.3 | 113.0 |
| Miscellaneous | - | 100.0 | 100.0 | 100.0 |

1/ Income level \$12,168 assumes a single, minimum wage earner living with friends or parents, contributing partial rent and no automobile.

2/ Income level \$24,000 assumes a single parent of one child in a rented apartment (900 square foot), holding one or more jobs, and one automobile.

3/ Income level \$48,000 assumes two adults (filing as married), ages 32, two jobs, one child, two automobiles, and renting a three-bedroom home (1,560 square foot).

4/ Income level \$72,000 assumes two adults (filing as married), age 37, two jobs, two children, two automobiles, and renting a three-bedroom residence (2,200 square foot) with two-car garage.

Source: ERI Economic Research Institute, *Geographic Reference Report 2008*, pp. 119 and 300 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 14.11-- COST OF LIVING ANALYSES FOR HONOLULU, SELECTED CITIES AND THE UNITED STATES AVERAGE: JANUARY 1, 2008

[The U.S. National Average assumed consumption patterns vary according to income level. The Reference profiles for cost-of-living model rental (approximates the rental equivalent of owner-occupied housing) situations only. The Institute model may be considered as an evolution of the U.S. Department of Labor's "Urban Family of Four" model which the U.S. Bureau of Labor Statistics discontinued in 1981]

| Location | Income level 1 1/ | Income level 2 2/ | Income level 3 3/ | | Income level 4 4/ |
|----------------------------|-------------------|-------------------|-------------------|----------|-------------------|
| | | | Dollars | Rank | |
| United States average | 12,168 | 24,000 | 48,000 | (X) | 72,000 |
| New York, New York | 31,230 | 58,363 | 107,729 | 1 | 152,080 |
| San Francisco, California | 28,165 | 52,539 | 95,904 | 2 | 135,472 |
| Honolulu, Hawaii | 22,508 | 42,262 | 79,173 | 3 | 113,394 |
| Washington, D.C. | 21,988 | 41,762 | 78,728 | 4 | 113,426 |
| Los Angeles, California | 21,747 | 41,019 | 76,995 | 5 | 110,996 |
| Queens, New York | 19,758 | 37,378 | 70,083 | 6 | 100,767 |
| San Diego, California | 19,929 | 37,795 | 69,908 | 7 | 100,415 |
| Boston, Massachusetts | 19,867 | 37,609 | 69,893 | 8 | 100,062 |
| Anaheim, California | 19,355 | 36,594 | 69,249 | 9 | 100,397 |
| Juneau, Alaska | 18,640 | 35,216 | 67,198 | 10 | 97,355 |
| Oakland, California | 18,954 | 35,657 | 67,031 | 11 | 97,054 |
| Brookhaven, New York | 18,153 | 34,608 | 66,941 | 12 | 97,652 |
| Stamford, Connecticut | 18,522 | 35,330 | 66,841 | 13 | 96,608 |
| San Jose, California | 18,865 | 35,470 | 65,985 | 14 | 95,119 |
| Long Beach, California | 18,639 | 35,319 | 65,524 | 15 | 94,584 |
| Atlantic City, New Jersey | 16,255 | 31,085 | 65,230 | 16 | 98,565 |
| Santa Barbara, California | 18,019 | 34,244 | 65,151 | 17 | 94,983 |
| Santa Cruz, California | 18,027 | 34,323 | 63,753 | 18 | 92,124 |
| Boulder, Colorado | 17,825 | 33,810 | 62,540 | 19 | 89,988 |
| Chicago, Illinois | 16,548 | 31,549 | 61,305 | 20 | 90,116 |
| Anchorage, Alaska | 16,802 | 31,567 | 61,199 | 21 | 89,372 |
| Seattle, Washington | 17,116 | 32,352 | 60,840 | 22 | 88,025 |
| Monterey, California | 16,448 | 31,462 | 60,790 | 23 | 89,477 |
| Ventura, California | 16,781 | 31,989 | 60,698 | 24 | 88,639 |
| Philadelphia, Pennsylvania | 16,652 | 31,639 | 60,418 | 25 | 88,077 |

(X) Not applicable.

1/ Income level \$12,168 assumes a single, minimum wage earner living with friends or parents, contributing partial rent and no automobile.

2/ Income level \$24,000 assumes a single parent of one child in a rented apartment (900 square foot), holding one or more jobs, and one automobile.

3/ Income level \$48,000 assumes two adults (filing as married), ages 32, two jobs, one child, two automobiles, and renting a three-bedroom home (1,560 square foot).

4/ Income level \$72,000 assumes two adults (filing as married), age 37, two jobs, two children, two automobiles, and renting a three-bedroom residence (2,200 square foot) with two-car garage.

Source: ERI Economic Research Institute, *Geographic Reference Report 2008*, and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 14.12-- HOUSING'S MOST EXPENSIVE AND MOST AFFORDABLE
MARKETS IN EACH STATE AND THE DISTRICT OF COLUMBIA: 2007**

[The home market values shown in the table below are based on 2,200 sq. ft. (approximately), single-family dwelling with 4-bedroom, 2.5-bath, family room (or equivalent) and 2-car garage in a corporate middle-management neighborhood. The sampling of locations is based on an analysis of 317 United States markets]

| State | Most expensive | Average sales price | Most affordable | Average sales price |
|----------------------|----------------------|---------------------|------------------|---------------------|
| Alabama | Mobile | 232,375 | Huntsville | 212,183 |
| Alaska | Juneau | 465,000 | Anchorage | 340,302 |
| Arizona | Scottsdale | 525,667 | Mesa | 257,467 |
| Arkansas | Fayetteville | 252,950 | Fort Smith | 183,950 |
| California | Beverly Hills | 2,206,883 | Sacramento | 380,625 |
| Colorado | Boulder | 615,000 | Colorado Springs | 197,500 |
| Connecticut | Greenwich | 2,018,750 | West Hartford | 365,000 |
| Delaware | Wilmington | 414,500 | (1/) | (1/) |
| District of Columbia | District of Columbia | 808,500 | (1/) | (1/) |
| Florida | Key West | 929,818 | Port Charlotte | 239,100 |
| Georgia | Atlanta | 324,000 | Macon | 165,440 |
| Hawaii | Kihei, Maui | 963,000 | Honolulu | 843,750 |
| Idaho | Boise | 250,400 | Coeur d'Alene | 250,370 |
| Illinois | Chicago | 732,333 | Rockford | 199,875 |
| Indiana | Munster | 341,667 | Muncie | 150,000 |
| Iowa | Des Moines | 260,275 | Sioux City | 184,000 |
| Kansas | Lawrence | 232,300 | Topeka | 150,075 |
| Kentucky | Louisville | 238,000 | Florence | 209,579 |
| Louisiana | New Orleans | 310,875 | Shreveport | 225,750 |
| Maine | Portland | 354,000 | Augusta | 157,400 |
| Maryland | Bethesda | 950,000 | Hagerstown | 316,450 |
| Massachusetts | Boston | 1,381,250 | Worcester | 286,000 |
| Michigan | Ann Arbor | 303,750 | Grayling | 155,000 |
| Minnesota | Edina | 434,975 | Rochester | 211,329 |
| Mississippi | Jackson | 244,000 | Tupelo | 179,125 |
| Missouri | Kansas City | 238,875 | Springfield | 189,650 |
| Montana | Bozeman | 341,212 | Billings | 168,542 |
| Nebraska | Norfolk | 212,250 | North Platte | 195,762 |
| Nevada | Reno | 384,500 | Las Vegas | 362,188 |
| New Hampshire | Hanover | 496,000 | Portsmouth | 283,000 |
| New Jersey | Ridgewood | 1,006,250 | Cherry Hill | 287,167 |
| New Mexico | Santa Fe | 640,062 | Albuquerque | 317,319 |
| New York | Katonah | 904,750 | Binghamton | 193,382 |
| North Carolina | Wilmington | 339,082 | Greensboro | 182,178 |

Continued on next page.

Table 14.12-- HOUSING'S MOST EXPENSIVE AND MOST AFFORDABLE MARKETS IN EACH STATE AND THE DISTRICT OF COLUMBIA: 2007 -- Con.

| State | Most expensive | Average sales price | Most affordable | Average sales price |
|----------------|-----------------------|----------------------------|------------------------|----------------------------|
| North Dakota | Fargo | 217,890 | Minot | 139,033 |
| Ohio | Cincinnati | 250,530 | Canton | 146,333 |
| Oklahoma | Oklahoma City | 193,750 | Tulsa | 153,750 |
| Oregon | Medford | 433,250 | Salem | 311,567 |
| Pennsylvania | Philadelphia | 515,225 | Erie | 205,475 |
| Rhode Island | Providence | 483,333 | (1/) | (1/) |
| South Carolina | Charleston | 389,750 | Columbia | 198,967 |
| South Dakota | Rapid City | 197,600 | (1/) | (1/) |
| Tennessee | Nashville | 238,333 | Memphis | 191,936 |
| Texas | Dallas | 302,198 | Killeen | 136,725 |
| Utah | Salt Lake City | 408,125 | Provo | 363,975 |
| Vermont | Burlington | 373,475 | Rutland | 291,718 |
| Virginia | Alexandria | 771,500 | Lynchburg | 275,269 |
| Washington | Bellevue | 763,667 | Tri-Cities | 228,988 |
| West Virginia | Charleston | 176,625 | Parkersburg | 164,333 |
| Wisconsin | Milwaukee | 324,750 | Eau Claire | 158,650 |
| Wyoming | Cheyenne | 225,956 | (1/) | (1/) |

1/ Only one market included in the study.

Source: Coldwell Banker, "2007 Coldwell Banker® Home Price Comparison Index reveals That \$2.1 Million Separates Beverly Hills from Killeen, Texas" (September 26, 2007)

<http://hpci.coldwellbanker.com/hpci_press.aspx#US> accessed October 23, 2007.

Table 14.13-- AVERAGE GASOLINE PRICE FOR THE UNITED STATES AND FOR THE 50 STATES AND THE DISTRICT OF COLUMBIA: JUNE 6, 2008

[Up to 100,000 retail gasoline self-serve stations are surveyed daily. Prices are in dollars per gallon. Rank of 1 indicates highest price per gallon. Rank is among 50 states and District of Columbia]

| Item | Regular | Mid | Premium | Diesel |
|-----------------------------------|--------------|--------------|--------------|--------------|
| Hawaii | 4.171 | 4.411 | 4.494 | 5.088 |
| Hawaii rank | 6 | 6 | 7 | 3 |
| U. S. average | 3.986 | 4.232 | 4.384 | 4.760 |
| Hawaii as percent of U.S. average | 104.6 | 104.2 | 102.5 | 106.9 |
| Alabama | 3.855 | 4.121 | 4.244 | 4.674 |
| Alaska | 4.299 | 4.549 | 4.809 | 4.864 |
| Arizona | 3.953 | 4.123 | 4.361 | 4.775 |
| Arkansas | 3.821 | 4.031 | 4.287 | 4.663 |
| California | 4.398 | 4.682 | 4.759 | 5.090 |
| Colorado | 3.932 | 4.206 | 4.394 | 4.702 |
| Connecticut | 4.269 | 4.633 | 4.754 | 4.975 |
| Delaware | 3.974 | 4.222 | 4.407 | 4.829 |
| District of Columbia | 4.049 | 4.312 | 4.441 | 4.850 |
| Florida | 3.963 | 4.294 | 4.373 | 4.762 |
| Georgia | 3.945 | 4.241 | 4.429 | 4.738 |
| Hawaii | 4.171 | 4.411 | 4.494 | 5.088 |
| Idaho | 3.976 | 4.196 | 4.312 | 4.788 |
| Illinois | 4.103 | 4.414 | 4.551 | 4.786 |
| Indiana | 3.958 | 4.258 | 4.378 | 4.776 |
| Iowa | 3.859 | 4.063 | 4.258 | 4.643 |
| Kansas | 3.857 | 3.960 | 4.114 | 4.666 |
| Kentucky | 3.908 | 4.191 | 4.381 | 4.629 |
| Louisiana | 3.872 | 4.128 | 4.320 | 4.651 |
| Maine | 3.997 | 4.312 | 4.433 | 4.830 |
| Maryland | 3.965 | 4.216 | 4.322 | 4.793 |
| Massachusetts | 3.990 | 4.290 | 4.453 | 4.877 |
| Michigan | 4.016 | 4.253 | 4.424 | 4.800 |
| Minnesota | 3.842 | 3.996 | 4.100 | 4.637 |
| Mississippi | 3.828 | 4.037 | 4.219 | 4.617 |
| Missouri | 3.788 | 3.942 | 4.173 | 4.576 |
| Montana | 3.933 | 4.101 | 4.299 | 4.626 |
| Nebraska | 3.923 | 4.010 | 4.122 | 4.641 |
| Nevada | 4.092 | 4.313 | 4.470 | 4.839 |
| New Hampshire | 3.934 | 4.261 | 4.413 | 4.772 |
| New Jersey | 3.879 | 4.160 | 4.317 | 4.756 |
| New Mexico | 3.901 | 4.155 | 4.334 | 4.734 |
| New York | 4.183 | 4.475 | 4.570 | 5.091 |

Continued on next page.

Table 14.13-- AVERAGE GASOLINE PRICE FOR THE UNITED STATES AND FOR THE 50 STATES AND THE DISTRICT OF COLUMBIA: JUNE 6, 2008-- Con.

| State | Regular | Mid | Premium | Diesel |
|----------------|----------------|------------|----------------|---------------|
| North Carolina | 3.920 | 4.160 | 4.343 | 4.699 |
| North Dakota | 3.935 | 4.071 | 4.217 | 4.633 |
| Ohio | 3.925 | 4.185 | 4.353 | 4.708 |
| Oklahoma | 3.805 | 3.934 | 4.153 | 4.540 |
| Oregon | 4.156 | 4.385 | 4.451 | 4.789 |
| Pennsylvania | 3.980 | 4.196 | 4.381 | 4.915 |
| Rhode Island | 4.035 | 4.293 | 4.435 | 4.922 |
| South Carolina | 3.787 | 4.027 | 4.222 | 4.604 |
| South Dakota | 3.936 | 4.188 | 4.360 | 4.648 |
| Tennessee | 3.830 | 4.054 | 4.248 | 4.624 |
| Texas | 3.852 | 4.075 | 4.222 | 4.664 |
| Utah | 3.961 | 4.178 | 4.360 | 4.786 |
| Vermont | 3.965 | 4.266 | 4.451 | 4.902 |
| Virginia | 3.892 | 4.083 | 4.240 | 4.684 |
| Washington | 4.205 | 4.356 | 4.573 | 4.900 |
| West Virginia | 4.046 | 4.230 | 4.442 | 4.833 |
| Wisconsin | 3.970 | 4.122 | 4.312 | 4.725 |
| Wyoming | 3.854 | 4.018 | 4.280 | 4.636 |

Source: AAA's Daily Fuel Gauge Report© Copyright, Oil Price Information Service, National Unleaded Average <<http://www.fuelgaugereport.com/index.asp>> and Current State Averages <<http://www.fuelgaugereport.com/sbsavg.asp>> accessed June 6, 2008.

Table 14.14-- CENTRAL BUSINESS DISTRICT PARKING RATES FOR HONOLULU AND THE UNITED STATES AVERAGE: 2008

[Conducted in June 2008 the survey covered roofed and underground garages in prime central business districts (CBD) in 64 markets in North America, with 53 of them in the U.S. Garages may offer supplementary services such as valet parking, car washing/detailing and dry cleaning. For reserved parking, the customer is guaranteed the same space for every entry. For unreserved parking the customer is guaranteed a space upon entry. For daily parking, the customer is permitted to park for a full day and is not impacted by "early bird" restrictions. All relevant taxes are included]

| Market | Segment | Honolulu | United States average | Honolulu as percent of United States average |
|--|-----------------------|-----------------|------------------------------|---|
| Monthly unreserved | Parking rate – high | 310.00 | 201.10 | 154.2 |
| Monthly unreserved | Parking rate – low | 135.00 | 102.63 | 131.5 |
| Monthly unreserved | Parking rate – median | 216.00 | 153.79 | 140.5 |
| Monthly reserved | Parking rate – high | 425.00 | 249.72 | 170.2 |
| Monthly reserved | Parking rate – low | 220.00 | 134.17 | 164.0 |
| Monthly reserved | Parking rate – median | 310.00 | 185.78 | 166.9 |
| Daily parking | Rate – high | 64.00 | 22.35 | 286.4 |
| Daily parking | Rate – low | 21.00 | 9.40 | 223.4 |
| Daily parking | Rate – median | 44.00 | 15.42 | 285.3 |
| Early Bird parking 1/ | Rate – high | 15.00 | 13.14 | 114.2 |
| Early Bird parking 1/ | Rate – low | 6.00 | 7.06 | 85.0 |
| Early Bird parking 1/ | Rate – median | 9.00 | 10.05 | 89.6 |
| Hourly parking | Rate – high | 7.00 | 11.86 | 59.0 |
| Hourly parking | Rate – low | 1.50 | 4.50 | 33.3 |
| Hourly parking | Rate – median | 3.75 | 7.85 | 47.8 |
| Hourly metered parking | Rate – high | 1.25 | 1.88 | 66.5 |
| Hourly metered parking | Rate – low | 0.75 | 1.05 | 71.4 |
| Hourly metered parking | Rate – median | 1.00 | 1.48 | 67.6 |
| Garages offering additional services (percent) | | 5 | 19.3 | 25.9 |
| Garages with waiting lists (percent) | | 25 | 20.9 | 119.6 |
| Typical wait period (number of months) | | (NA) | 4.30 | (NA) |
| Availability of parking | | 2/ Limited | (X) | (X) |
| Additional garages within next 24 months | | No | (X) | (X) |

NA Not available.

X Not applicable.

1/ Refers to discounted parking offered to those that park before the work day begins.

2/ Refers to parking garages that are usually full Monday to Friday and weekends during special events.

Source: Colliers International North America "Highlights CBD Parking Rate Survey 2008"

<<http://www.colliers.com/Corporate/MarketReports/UnitedStates/>> accessed July 11, 2008 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 14.15-- COST OF LIVING INDEX FOR SELECTED MAJOR CITIES
IN THE UNITED STATES AND RANK WORLDWIDE: 2004 TO 2006**

[The survey, conducted in March, covers 144 cities worldwide and measures the comparative cost of over 200 items in each location, including housing, food, clothing, utilities, transportation, and entertainment costs. The higher the index, the lower the rank where a rank of 1 indicates the most expensive city. New York City = 100.0. Shown with lowest rank in 2006 at top Honolulu was not among the top 50 in the 2007 Mercer study released June 17, 2007 and rankings below 50th are not readily available]

| City and state | Index | | | Global rank | | |
|---------------------|-------------|-------------|-------------|-------------|-----------|-----------|
| | 2004 | 2005 | 2006 | 2004 | 2005 | 2006 |
| New York City, NY | 100.0 | 100.0 | 100.0 | 12 | 13 | 10 |
| Los Angeles, CA | 86.6 | 86.7 | 86.7 | 27 | 44 | 29 |
| White Plains, NY | 82.7 | 86.6 | 83.2 | 52 | 45 | 34 |
| San Francisco, CA | 84.3 | 84.9 | 85.0 | 38 | 50 | 34 |
| Chicago, IL | 84.5 | 84.6 | 84.1 | 35 | 52 | 38 |
| Miami, FL | 82.0 | 83.3 | 83.9 | 55 | 57 | 39 |
| Honolulu, HI | 81.3 | 81.4 | 80.0 | 57 | 61 | 67 |
| Houston, TX | 75.8 | 79.1 | 78.5 | 73 | 70 | 76 |
| Washington, DC | 77.4 | 77.4 | 77.0 | 68 | 78 | 83 |
| Boston, MA | 76.4 | 77.0 | 76.8 | 70 | 79 | 84 |
| Morristown, NJ | 76.0 | 76.9 | 76.8 | 72 | 80 | 84 |
| Atlanta, GA | 72.9 | 76.1 | 76.3 | 85 | 83 | 86 |
| Denver, CO | 69.3 | 73.2 | 73.6 | 100 | 94 | 97 |
| Seattle, WA | 71.4 | 71.4 | 71.9 | 90 | 103 | 102 |
| St. Louis, MO | 71.2 | 71.6 | 71.6 | 92 | 102 | 103 |
| Cleveland, OH | 69.4 | 70.3 | 69.8 | 98 | 109 | 110 |
| Portland, OR | 67.7 | 68.8 | 69.7 | 105 | 112 | 111 |
| Pittsburgh, PA | 66.5 | 69.2 | 69.4 | 112 | 111 | 113 |
| Detroit, MI | 68.8 | 71.8 | 68.3 | 101 | 101 | 122 |
| Winston Salem, NC | 66.9 | 66.6 | 66.7 | 107 | 119 | 124 |

Source: William M. Mercer Companies, LLC, Mercer USA Center: Corporate Resource Group, "World-wide cost of living survey – 2004 – city rankings", <<http://www.mercerhr.com/pressrelease/details.jhtml/dynamic/idContent/1142150>> accessed June 16, 2004; and Mercer Human Resource Consulting, "Worldwide cost of living survey 2005, Overall Cost of Living - Ranking" (June 20, 2005) <<http://www.mercerhr.com/summary.jhtml/dynamic/idContent/1142150>> accessed June 20, 2005 and FinFacts "Global/World Cost of Living Rankings 2005" <<http://www.finfacts.com/costofliving3.htm>> accessed December 12, 2005; Mercer Human Resource Consulting, "Worldwide Cost of Living Survey 2006 – city rankings" <<http://www.mercerhr.com/pressrelease/details.jhtml/dynamic/idContent/1142150>> accessed June 26, 2006 and FinFacts "Global/World Cost of Living Rankings - 2006-2007" <<http://www.finfacts.com/costofliving3.htm>> accessed July 14, 2006.

Table 14.16-- COST OF LIVING INDEX FOR SELECTED MAJOR CITIES FOR 2007 AND RANK FOR 2006 AND 2007

[The bi-annual survey compares the cost of a representative basket of goods and services in dollar terms from over 130 cities worldwide. Listed in order of rank in 2007. Rank of 1 indicates most expensive city. New York City = Index of 100]

| City | Country | Rank | | Index |
|------------------|----------------------|-----------|-----------|-----------|
| | | 2006 | 2007 | 2007 |
| Oslo | Norway | 1 | 1 | 132 |
| Paris | France | 4 | 2 | 130 |
| Copenhagen | Denmark | 6 | 3 | 126 |
| London | United Kingdom | 7 | 4 | 125 |
| Tokyo | Japan | 2 | 5 | 124 |
| Osaka - Kobe | Japan | 4 | 6 | 118 |
| Seoul | South Korea | 13 | 11 | 115 |
| Singapore | Singapore | 24 | 14 | 108 |
| Hong Kong | Hong Kong | 14 | 16 | 107 |
| Sydney | Australia | 16 | 18 | 106 |
| New York | United States | 27 | 28 | 100 |
| Vancouver | Canada | 43 | 34 | 96 |
| Chicago | United States | 35 | 36 | 95 |
| Montreal | Canada | 43 | 36 | 95 |
| Los Angeles | United States | 35 | 39 | 94 |
| San Francisco | United States | 40 | 41 | 92 |
| Toronto | Canada | 47 | 43 | 90 |
| Washington, D.C. | United States | 46 | 44 | 89 |
| Houston | United States | 48 | 47 | 88 |
| Auckland | New Zealand | 29 | 50 | 87 |
| Shanghai | China | 51 | 51 | 86 |
| Taipei | Taiwan | 48 | 53 | 85 |
| Miami | United States | 54 | 55 | 84 |
| Detroit | United States | 58 | 61 | 82 |
| Seattle | United States | 58 | 61 | 82 |
| Beijing | China | 58 | 63 | 80 |
| Boston | US | 63 | 63 | 80 |
| Mexico City | Mexico | 57 | 68 | 79 |
| Jakarta | Indonesia | 100 | 73 | 76 |
| Honolulu | United States | 75 | 77 | 73 |
| Atlanta | United States | 81 | 84 | 71 |
| Bangkok | Thailand | 107 | 92 | 67 |
| Ho Chi Minh | Vietnam | 91 | 92 | 67 |
| Kathmandu | Nepal | (NA) | 126 | 45 |
| New Delhi | India | 122 | 126 | 45 |
| Manila | Philippines | 127 | 131 | 43 |
| Tehran | Iran | 128 | 132 | 34 |

NA Not available.

Source: Economist Intelligence Unit "Worldwide Cost of Living Survey 2007" (March 6, 2007) <<http://www.eiuresources.com/mediadir/default.asp?PR=1670001967>> accessed March 20, 2007 and Digg World News "The Economist ranks the world's most expensive cities" <http://www.digg.com/world_news/The_Economist_ranks_the_world_s_most_expensive_cities> accessed March 30, 2007.

Table 14.17-- PAY DIFFERENTIALS AND COST OF LIVING INDEXES FOR FEDERAL EMPLOYEES IN HAWAII RELATIVE TO WASHINGTON, D.C., BY COUNTY: 1996 TO 2008

[No further changes as of June 30, 2008]

| Effective or survey date | Allowance category | Honolulu | Hawaii | Maui | Kauai |
|--------------------------|--------------------------|----------|--------|--------|--------|
| | ALLOWANCE RATES | | | | |
| March 25, 1997 | All employees 1/ | 22.50 | 15.00 | 22.50 | 22.50 |
| December 2, 1997 | All employees 1/ | 22.50 | 15.00 | 22.50 | 22.50 |
| October 21, 1998 | All employees 2/ | 25.00 | 15.00 | 22.50 | 22.50 |
| October 3, 2000 | All employees 3/ | 25.00 | 16.50 | 23.75 | 23.25 |
| November 9, 2001 | All employees 4/ | 25.00 | 16.50 | 23.75 | 23.25 |
| June 30, 2008 | All employees 5/ | 25.00 | 18.00 | 25.00 | 25.00 |
| | INDEXES | | | | |
| 1996 Survey | Cost of Living Index 6/ | 121.95 | 111.89 | 121.36 | 121.36 |
| 1998 Survey | Cost Comparison Index 7/ | 124.51 | 110.89 | 120.32 | 117.19 |

1/ Interim Rule issued on March 25 and Final Rule issued on December 2, 1997.

2/ As Interim Rule on October 21 and as corrected on November 13, 1998. Final Rule published July 17, 2000, effective August 16, 2000. Current law prohibits reduction in COLA rates through December 31, 2000. As part of the COLA Research in the litigation Carabello et al vs United States and as requested by Congress, an Interim Rates and Survey Schedule was announced but not yet enacted. The rates, as of October 1, 2000, are raised for Hawaii and Maui to 16.50 and 23.75 percent respectively. The Interim Rates as well as those for Kauai may increase further depending upon the results of the 1998 price surveys and the surveys conducted under New Regulations. Also see OMP, Non-Foreign Area Cost-of-Living Allowances, Special COLA Research Announcement, July 17, 2000 and <<http://www.opm.gov/oca/cola/html/cola-n.htm>>.

3/ Interim rule and invitation for comment issued in Federal Register: Vol. 65, No. 192.

4/ Final rule issued in Federal Register: November 9, 2001 (Volume 66, Number 218).

5/ Final rule issued in Federal Register: May 29, 2008 (Volume 73, Number 104).

6/ Washington, D.C. living costs=100. Based on a survey of comparative costs for Federal employees in February 1996. The Survey was conducted and indexes calculated by Runzheimer International. The detailed methodology is described in the *Federal Register*: March 25, 1997.

7/ Similar explanation to footnote 4/ except the survey period was 1998 and publication in the *Federal Register* was July 17, 2000.

Source: U.S. Office of Personnel Management, *Federal Register Online* via GPO Access <<http://www.wais.access.gpo.gov>>, Vol. 62, No. 57, March 25, 1997 (pp. 14187-14189); Vol. 62, No. 231, December 2, 1997 (pp. 63630-63631); Vol. 63, No. 203, October 21, 1998 (pp. 56430-56431); Vol. 63, No. 219, November 13, 1998 (p. 63385) and <<http://www.opm.gov/oca/cola/html/c-rates.html>> accessed May 15, 2000. OMP-announced Federal COLA Retro Settlement, 06-23-00 and further developments <<http://www.opm.gov/oca/compmemo/2000/2000-10.htm>>. OMP, Non-Foreign Area Cost-of-Living Allowances, Special COLA Research Announcement, July 17, 2000; OMP, Cost-of-Living Allowances Vol. 65, No. 192, October 3, 2000 (58901-58902) and <<http://www.opm.gov/oca/cola/html/c-rates.html>> accessed June 30, 2007; and *Federal Register*, Vol. 73, No. 104, May 29, 2008 (pp. 30727- 30734) <<http://edocket.access.gpo.gov/2008/pdf/E8-12020.pdf>> accessed May 29, 2008

Table 14.18-- COST OF LIVING ALLOWANCE INDEXES FOR MILITARY IN HAWAII RELATIVE TO CONTINENTAL UNITED STATES, BY ISLAND

[As of June 30, 2008. Index number continental United States=100]

| Effective date | Locality | Locality code 1/ | Index |
|-----------------------|-----------------|-------------------------|--------------|
| June 16, 2008 | Hawaii (Other) | HI 001 | 128 |
| June 16, 2008 | Kauai | HI 003 | 132 |
| June 16, 2008 | Maui | HI 005 | 140 |
| June 16, 2008 | Molokai | HI 007 | 140 |
| June 16, 2008 | Oahu | HI 009 | 124 |
| November 8, 1989 | Other islands | HI 999 | (1/) |

1/ Assigned by the Department of Defense to identify each area entitled to COLA. Location code "HI 999 - Other islands" is a valid location but COLA is not currently prescribed for this Hawaii location.

Source: U.S. Department of Defense, Per Diem, Travel and Transportation Committee, Overseas Cost-of-Living Program, "Table III - Cost-of-Living Allowance (COLA) Indexes", p.7
 <<http://141.116.74.201/appendix-j/2008%20COLA%20Indexes/PDF/>> accessed June 30, 2008.

Table 14.19-- PER DIEM RATES FOR MILITARY IN HAWAII, BY ISLAND OR INSTALLATION

[As of August 1, 2008. In dollars per day. To calculate a per diem rate: maximum lodging plus meals (local, proportional, or government) plus incidental rate (local or onbase) as specified in the travel orders. Once effective, the rates apply January 1 - December 31

| Locality | Maximum per diem rate 1/ | Maximum lodging | Local meals rate | Proportional meals rate | Local incidental rate 2/ | Effective date |
|-----------------------------------|--------------------------|-----------------|------------------|-------------------------|--------------------------|----------------|
| Camp H.M. Smith | 283 | 177 | 85 | 47 | 21 | May 1, 2008 |
| EASTPAC Naval COMP TELE Area | 283 | 177 | 85 | 47 | 21 | May 1, 2008 |
| Ft. DeRussey | 283 | 177 | 85 | 47 | 21 | May 1, 2008 |
| Ft. Shafter | 283 | 177 | 85 | 47 | 21 | May 1, 2008 |
| Hickam Air Force Base | 283 | 177 | 85 | 47 | 21 | May 1, 2008 |
| Honolulu | 283 | 177 | 85 | 47 | 21 | May 1, 2008 |
| Isle of Hawaii: Hilo | 216 | 112 | 83 | 46 | 21 | June 1, 2007 |
| Isle of Hawaii: other | 284 | 180 | 83 | 46 | 21 | June 1, 2007 |
| Isle of Kauai | 307 | 198 | 87 | 48 | 22 | June 1, 2007 |
| Isle of Maui | 261 | 160 | 81 | 45 | 20 | May 1, 2008 |
| Isle of Oahu | 283 | 177 | 85 | 47 | 21 | May 1, 2008 |
| Kekaha Pacific Missile Range Fac. | 307 | 198 | 87 | 48 | 22 | June 1, 2007 |
| Kilauea Military Camp | 216 | 112 | 83 | 46 | 21 | June 1, 2007 |
| Lanai | 393 | 269 | 99 | 54 | 25 | June 1, 2008 |
| Lualualei Naval Magazine | 283 | 177 | 85 | 47 | 21 | May 1, 2008 |
| Marine Corps Base Hawaii | 283 | 177 | 85 | 47 | 21 | May 1, 2008 |
| Molokai | 233 | 139 | 75 | 42 | 19 | June 1, 2008 |
| NAS Barbers Point | 283 | 177 | 85 | 47 | 21 | May 1, 2008 |
| Pearl Harbor | 283 | 177 | 85 | 47 | 21 | May 1, 2008 |
| Schofield Barracks | 283 | 177 | 85 | 47 | 21 | May 1, 2008 |
| Wheeler Army Airfield | 283 | 177 | 85 | 47 | 21 | May 1, 2008 |
| Other 3/ | 216 | 112 | 83 | 46 | 21 | May 1, 2008 |

1/ For reimbursement of subsistence expenses incurred during official OCONUS (Outside Continental United States) travel.

2/ The standard onbase incidental rate is \$3.50 OCONUS-wide.

3/ Use this rate if neither the city nor military installation is listed.

Source: U.S. Department of Defense, Per Diem, Travel and Transportation Committee, Rates and Allowances, Per Diem Rates, Hawaii <<https://secureapp2.hqda.pentagon.mil/perdiem/>> accessed July 30, 2008.

Section 15

BANKING, INSURANCE, AND BUSINESS ENTERPRISE

Statistics in this section relate to banks, savings and loans, and other financial institutions, insurance, fires, and business firms.

Sources for statistics on these subjects include the Hawaii State Department of Commerce and Consumer Affairs, the Hawaii State Department of Taxation, county fire departments, major island banks, local health insurance plans, and the Hawaii Credit Union League. The U.S. Census Bureau also provides data from their Economic Censuses, County Business Patterns, and Local Employment Dynamics programs. *Historical Statistics of Hawaii*, Sections 22 and 23, provides information for earlier periods. Comparable national data appear in Sections 15 and 25 of the *Statistical Abstract of the United States: 2008*.

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**Table 15.01-- NUMBER OF FINANCIAL INSTITUTIONS, BY TYPES:
1997 TO 2007**

[Includes main offices, but excludes out-of-State branches of Hawaii-based institutions.
As of December 31]

| Category | Banks | | Savings and loan associations | | Financial services loan companies | |
|--------------------------|-------|-----------|-------------------------------|-----------|-----------------------------------|-----------|
| | Firms | Locations | Associations | Locations | Firms | Locations |
| YEAR | | | | | | |
| 1997 | 6 | 191 | 4 | 121 | 40 | 157 |
| 1998 | 6 | 191 | 3 | 97 | 38 | 126 |
| 1999 | 6 | 187 | 3 | 97 | 35 | 103 |
| 2000 | 6 | 194 | 3 | 87 | 32 | 98 |
| 2001 | 6 | 196 | 3 | 90 | 33 | 93 |
| 2002 | 6 | 196 | 3 | 92 | 29 | 88 |
| 2003 | 6 | 193 | 3 | 88 | 29 | 93 |
| 2004 | 6 | 193 | 3 | 91 | 24 | 88 |
| 2005 | 5 | 184 | 3 | 91 | 22 | 96 |
| 2006 | 8 | 189 | 3 | 92 | 21 | 99 |
| 2007 | 7 | 188 | 3 | 91 | 17 | 67 |
| TYPE OF CHARTER: 2007 | | | | | | |
| Federal | 1 | 16 | 2 | 87 | - | - |
| State 1/ | 6 | 172 | 1 | 4 | 17 | 67 |
| ISLAND: 2007 | | | | | | |
| Hawaii | 4 | 23 | 3 | 9 | 5 | 12 |
| Maui | 4 | 25 | 3 | 11 | 6 | 8 |
| Lanai | 2 | 2 | - | - | - | - |
| Molokai | 1 | 1 | 1 | 1 | 1 | 1 |
| Oahu | 7 | 123 | 3 | 64 | 14 | 42 |
| Kauai | 3 | 14 | 2 | 6 | 4 | 4 |
| Niihau | - | - | - | - | - | - |

1/ Chartered by any state in the U.S.

Source: Hawaii State Department of Commerce and Consumer Affairs, Division of Financial Institutions, records.

**Table 15.02-- FINANCE AND INSURANCE SUBSECTOR (NAICS 52):
2006**

[Data refer to establishments with taxable payrolls. Excludes government and self-employed workers. Statistics based on the North American Industry Classification System (NAICS)]

| NAICS code | Major group | Establishments | Number of employees 1/ | Annual payroll (\$1,000) |
|------------|---|----------------|------------------------|--------------------------|
| 52 | Total | 1,640 | 20,097 | 1,103,330 |
| 522 | Credit intermediation and related activities | 864 | 11,841 | 581,888 |
| 5221 | Depository credit intermediation | 478 | 9,742 | 455,633 |
| 52211 | Commercial banking | 223 | 5,767 | 305,142 |
| 52212 | Savings institutions | 106 | (2/) | (D) |
| 52213 | Credit unions | 149 | (2/) | (D) |
| 5222 | Nondepository credit intermediation | 198 | 1,362 | 85,142 |
| 5223 | Activities related to credit intermediation 3/ | 188 | 737 | 41,113 |
| 52231 | Mortgage and nonmortgage loan brokers | 145 | (4/) | (D) |
| 523 | Securities, commodity contracts, other financial investments, and related activities 3/ | 245 | (2/) | (D) |
| 5231 | Securities and commodity contracts intermediation and brokerage | 103 | 662 | 61,181 |
| 524 | Insurance carriers and related activities | 529 | (5/) | (D) |
| 5241 | Insurance carriers 3/ | 125 | 4,307 | 264,136 |
| 52411 | Direct life, health, & medical insurance carriers | 58 | 2,732 | 154,810 |
| 5242 | Agencies, brokerages, and other insurance related activities 3/ | 404 | (6/) | (D) |
| 52421 | Insurance agencies and brokerages | 352 | 2,093 | 109,931 |
| 525 | Funds, trusts, and other financial vehicles | 2 | (7/) | (D) |

D Withheld to avoid disclosing data for individual companies.

1/ For week including March 12.

2/ 1,000 to 2,499 employees.

3/ Includes subgroups not shown separately.

4/ 500 to 999 employees.

5/ 5,000 to 9,999 employees.

6/ 2,500 to 4,999 employees.

7/ 20 to 99 employees.

Source: U.S. Census Bureau, County Business Patterns

<<http://www.census.gov/epcd/cbp/view/cbpview.html>> accessed June 27, 2008.

Table 15.03-- CHARACTERISTICS OF THE FINANCE AND INSURANCE SECTOR (NAICS 52): 2002

[Includes only establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to 1997]

| NAICS code | Kind of business | Establishments | Revenue (\$1,000) | Annual payroll (\$1,000) | Paid employees 1/ |
|------------|--|----------------|-------------------|--------------------------|-------------------|
| 52 | Total | 1,421 | (2/) | 874,184 | 18,257 |
| 522 | Credit intermediation and related activities | 743 | (2/) | 476,023 | 10,514 |
| 5221 | Depository credit intermediation | 486 | (2/) | 406,097 | 9,269 |
| 52211 | Commercial banking | 230 | (3/) | 289,120 | 5,973 |
| 52212 | Savings institutions | 109 | (3/) | 67,268 | 1,681 |
| 52213 | Credit unions | 147 | 300,486 | 49,709 | 1,615 |
| 5222 | Nondepository credit intermediation | 146 | 217,187 | 46,636 | 780 |
| 5223 | Activities related to credit intermediation 4/ | 111 | 64,902 | 23,290 | 465 |
| 52231 | Mortgage and nonmortgage loan brokers | 71 | 45,241 | 16,687 | 280 |
| 523 | Securities, commodity contracts, other financial investments and related activities 4/ | 199 | (D) | (D) | (5/) |
| 5231 | Securities and commodity contracts intermediation and brokerage | 92 | 167,618 | 78,208 | 745 |
| 524 | Insurance carriers and related activities | 477 | (2/) | 292,436 | 6,519 |
| 5241 | Insurance carriers 4/ | 126 | (3/) | 189,703 | 4,156 |
| 52411 | Direct life, health, medical insurance carriers | 58 | (3/) | 102,430 | 2,506 |
| 5242 | Agencies, brokerages, and other insurance related activities 4/ | 351 | 277,132 | 102,733 | 2,363 |
| 52421 | Insurance agencies and brokerages | 299 | 226,906 | 75,464 | 1,781 |
| 525 | Funds, trusts, and other financial vehicles (part) | 2 | (D) | (D) | (6/) |

D Withheld to avoid disclosing data for individual companies.

1/ Pay period including March 12.

2/ Not available or not comparable.

3/ Revenue not collected at this level of detail for multiestablishment firms.

4/ Includes subgroups not shown separately.

5/ 1,000 to 2,499 employees.

6/ 0 to 19 employees.

Source: U.S. Census Bureau, 2002 *Economic Census, Finance and Insurance, Geographic Area Series, Hawaii*, EC02-52A-HI (August 2005), table 1 <<http://www.census.gov/prod/ec02/ec0252hi.pdf>> accessed January 17, 2006.

Table 15.04-- CHARACTERISTICS OF STATE-CHARTERED FINANCIAL INSTITUTIONS, BY TYPE: 2005 TO 2007

[Includes out-of-state branches and facilities. Includes only institutions chartered by the State of Hawaii. As of December 31]

| Subject | 2005 | 2006 | 2007 |
|---|----------|----------|----------|
| BANKS | | | |
| Number of banks | 3 | 5 | 5 |
| Number of branches and agency offices | 191 | 195 | 192 |
| Assets (million dollars) | 27,062.3 | 28,222.1 | 28,937.1 |
| Deposits (million dollars) | 20,152.3 | 20,894.5 | 21,221.5 |
| DEPOSITORY FINANCIAL SERVICES LOAN COMPANIES | | | |
| Number of companies | 1 | 1 | 1 |
| Number of branches and agency offices | 15 | 14 | 14 |
| Assets (million dollars) | 652.7 | 672.9 | 707.4 |
| Deposits (million dollars) | 484.3 | 487.4 | 516.7 |

Source: Hawaii State Department of Commerce and Consumer Affairs, Division of Financial Institutions, *Comparative Statements of Condition* (semi-annual) <<http://www.hawaii.gov/dcca/areas/dfi/main/reports/>> accessed May 21, 2008.

**Table 15.05-- CHARACTERISTICS OF COMMERCIAL BANKS
HEADQUARTERED IN HAWAII, BY ASSET SIZE: 2007**

[As of December 31. Includes out-of-State branches and facilities of banks. Excludes data for banks with branches and facilities in Hawaii but headquartered outside Hawaii]

| Subject | All banks | Banks with assets of less than \$100 million | Banks with assets of \$100 million to \$1 billion | Banks with assets of more than \$1 billion |
|---|-----------|---|--|---|
| Number of institutions reporting | 7 | 1 | 3 | 3 |
| Total employees (full-time equivalent) | 6,223 | 19 | 385 | 5,819 |
| ASSETS AND LIABILITIES (MILLION DOLLARS) | | | | |
| Assets | 30,126 | 65 | 1,296 | 28,766 |
| Net loans and leases | 17,990 | 36 | 908 | 17,046 |
| Foreign 1/ | 1,105 | (NA) | 12 | 1,092 |
| Domestic 2/ | 16,885 | (NA) | 896 | 15,954 |
| Securities | 6,848 | - | 193 | 6,655 |
| Liabilities | 26,007 | 54 | 1,173 | 24,780 |
| Deposits | 22,171 | 53 | 1,045 | 21,073 |
| Foreign 1/ | 1,411 | (NA) | - | 1,411 |
| Domestic 2/ | 20,759 | 53 | 1,045 | 19,661 |
| Equity capital | 4,119 | 11 | 122 | 3,986 |
| Loan loss allowance | 288 | 1 | 13 | 274 |
| Unused loan commitments | 8,356 | 6 | 291 | 8,058 |
| ASSET QUALITY (PERCENT OF LOANS) | | | | |
| Loan loss allowance | 1.577 | 1.407 | 1.450 | 1.584 |
| Past due and non-accrual | 1.260 | 0.411 | 0.288 | 1.313 |
| Real estate | 1.194 | - | 0.226 | 1.262 |
| Commercial and industrial | 0.761 | 0.463 | 0.580 | 0.771 |
| Consumer | 2.436 | 2.416 | 0.400 | 2.446 |

NA Not available.

1/ The assets, loans or deposits of the offices of the banks in foreign countries. Not comparable to *Data Books* prior to 2002.

2/ The assets, loans or deposits of the bank offices within the United States.

Source: Federal Deposit Insurance Corporation <<http://www2.fdic.gov/SDI/SOB/>> accessed May 21, 2008; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 15.06-- CREDIT UNIONS: 1999 TO 2007

[As of December 31]

| Year | Number of credit unions | Assets (dollars) | Shares (dollars) | Loans (dollars) | Number of credit union members |
|-------------|--------------------------------|-------------------------|-------------------------|------------------------|---------------------------------------|
| 1999 | 106 | 3,911,720,684 | 3,371,485,431 | 2,009,832,724 | 589,935 |
| 2000 | 102 | 4,104,126,744 | 3,525,977,325 | 2,179,039,874 | 612,249 |
| 2001 | 100 | 4,728,549,611 | 4,120,888,846 | 2,333,021,385 | 646,174 |
| 2002 | 101 | 5,396,606,043 | 4,741,630,738 | 2,457,737,063 | 679,056 |
| 2003 | 97 | 6,016,158,791 | 5,296,893,195 | 2,531,788,633 | 703,475 |
| 2004 | 97 | 6,442,599,837 | 5,676,421,713 | 2,826,290,922 | 729,097 |
| 2005 | 97 | 1/ 6,675,454,552 | 1/ 5,816,437,373 | 1/ 3,166,759,388 | 750,866 |
| 2006 | 96 | 1/ 6,727,084,367 | 5,812,940,245 | 3,444,264,686 | 776,744 |
| 2007 | 93 | 7,107,203,506 | 6,146,573,223 | 3,751,577,729 | 806,840 |

1/ Revised from previous *Data Book*.

Source: Hawaii Credit Union League, records.

**Table 15.07-- INSURANCE BUSINESS TRANACTED IN HAWAII:
1998 TO 2006**

[Includes data for all insurance companies, life or other, licensed in Hawaii]

| Year | Number of companies licensed in Hawaii, Dec. 31 | Premiums paid (\$1,000) | Losses, claims and benefits paid (\$1,000) | Cumulative net investments in Hawaii, Dec. 31 1/ (\$1,000) |
|-------------|--|--------------------------------|---|---|
| 1998 | 979 | 1,955,457 | 1,352,865 | 4,792,872 |
| 1999 | 992 | 1,997,905 | 2,187,970 | 4,241,739 |
| 2000 | 997 | 2,115,812 | 1,912,430 | 3,836,913 |
| 2001 | 988 | 2,186,640 | 1,648,415 | 3,609,657 |
| 2002 | 989 | 2,429,982 | 1,500,930 | 3,433,944 |
| 2003 | 987 | 2,732,865 | 1,538,481 | 3,471,284 |
| 2004 | 953 | 2,912,186 | 1,869,570 | 4,330,020 |
| 2005 | 963 | 3,117,115 | 2,014,646 | 4,102,635 |
| 2006 | 967 | 3,466,639 | 2,685,697 | 5,368,663 |

1/ Excludes bank balances.

Source: Hawaii State Department of Commerce and Consumer Affairs, *Report of the Insurance Commissioner of Hawaii* (annual) <<http://www.hawaii.gov/dcca/areas/ins/main/reports>> accessed March 5, 2008.

**Table 15.08-- LIFE INSURANCE BUSINESS TRANSACTED IN HAWAII:
1998 TO 2006**

[Includes fraternal benefit societies]

| Year | Number of companies licensed in Hawaii, Dec. 31 | Face value of policies written 1/ (\$1,000) | Insurance in force, Dec. 31 2/ (\$1,000) | Premiums 3/ (\$1,000) | Losses, claims, and benefits paid 3/ (\$1,000) |
|-------------|--|--|---|------------------------------|---|
| 1998 | 485 | 7,237,492 | 63,999,905 | 485,295 | 661,743 |
| 1999 | 483 | 12,397,141 | 69,661,030 | 519,003 | 1,552,836 |
| 2000 | 478 | 9,802,583 | 73,452,956 | 615,360 | 1,168,646 |
| 2001 | 472 | 7,528,187 | 71,621,301 | 509,806 | 925,602 |
| 2002 | 461 | 8,497,926 | 77,883,570 | 546,095 | 792,006 |
| 2003 | 448 | 15,195,349 | 87,362,008 | 602,830 | 804,336 |
| 2004 | 433 | 9,650,742 | 91,221,745 | 549,083 | 1,057,134 |
| 2005 | 434 | 4/ 10,245,838 | 4/ 97,239,187 | 576,730 | 1,177,491 |
| 2006 | 429 | (NA) | (NA) | 622,380 | 1,787,192 |

NA Not available.

1/ Includes insurance revived, increased, or transferred. Excludes annuities. Data not audited.

2/ Excludes annuities. Data not audited.

3/ Life insurance portion excludes annuities, but fraternal portion includes it.

4/ Revised from previous *Data Book*.

Source: Hawaii State Department of Commerce and Consumer Affairs, *Report of the Insurance Commissioner of Hawaii* (annual) <<http://www.hawaii.gov/dcca/areas/ins/main/reports>> accessed March 5, 2008 and records.

Table 15.09-- INSURANCE PREMIUMS AND LOSSES PAID, BY CLASS OF INSURANCE: 2006

[Dollars]

| Class of insurance | Premiums | Losses, claims, and benefits paid |
|---|---------------|-----------------------------------|
| All classes | 3,466,638,835 | 1/ 2,685,696,763 |
| Life 2/ | 617,205,400 | 1,782,342,891 |
| Fraternal | 5,174,119 | 4,849,407 |
| Fire, marine, casualty, and miscellaneous | 2,521,044,195 | 898,504,465 |
| Accident and health | 370,465,917 | 192,509,512 |
| Fire | 34,505,404 | 3,149,238 |
| Allied lines | 29,356,204 | 3,327,683 |
| Multiple peril crop | 1,308,034 | - |
| Federal flood | 19,633,089 | 2,289,934 |
| Farmowners multiple peril | 44,087 | 340 |
| Homeowners multiple peril | 273,487,618 | 36,697,000 |
| Commercial multiple peril (fire & allied lines) | 80,686,731 | 15,310,296 |
| Commercial multiple peril (liability portion) | 58,738,801 | 16,825,668 |
| Mortgage guaranty | 64,240,630 | 23,762,193 |
| Ocean marine | 14,372,597 | 5,927,350 |
| Inland marine | 36,853,668 | 12,290,660 |
| Financial guaranty | 13,350,271 | - |
| Medical malpractice | 20,421,445 | 14,173,829 |
| Earthquake | 2,297,575 | 364,156 |
| Workers' compensation | 356,159,808 | 109,273,216 |
| Other liability | 176,226,097 | 56,735,157 |
| Products liability | 9,634,586 | 9,740,503 |
| Private passenger auto no-fault | 86,758,202 | 44,921,775 |
| Other private passenger auto liability | 333,864,836 | 155,399,238 |
| Commercial auto no-fault | 6,758,366 | 2,244,929 |
| Other commercial auto liability | 86,700,165 | 24,658,215 |
| Private passenger auto physical damage | 244,906,582 | 134,384,293 |
| Commercial auto physical damage | 22,990,637 | 12,490,527 |
| Aircraft | 16,249,034 | 4,056,812 |
| Fidelity | 4,804,346 | 1,479,835 |
| Surety | 41,602,204 | 6,304,157 |
| Burglary and theft | 274,730 | 48,659 |
| Boiler and machinery | 2,923,898 | 754,932 |
| Credit | 3,481,943 | 1,285,006 |
| Title | 100,468,654 | 5,121,032 |
| All other | 7,478,036 | 2,978,320 |
| Surplus lines 3/ | 323,215,121 | (NA) |

NA Not available.

1/ "All classes" figure does not include data for surplus lines because it is not available.

2/ Excludes annuities.

3/ Net of reinsurance.

Source: Hawaii State Department of Commerce and Consumer Affairs, *Report of the Insurance Commissioner of Hawaii, 2007*, p. 6 <http://www.hawaii.gov/dcca/areas/ins/main/reports/2007_INS_comm_report.pdf> accessed March 5, 2008.

**Table 15.10-- INSURANCE BUSINESS TRANSACTED IN HAWAII, BY
LOCATION OF HOME OFFICE: 2006**

[Money amounts in millions of dollars. For all insurance companies
licensed to do business in Hawaii]

| Subject | All companies | Domestic com- panies 1/ | Foreign com- panies 2/ | Alien com- panies 3/ |
|---|--------------------------|--|---------------------------------------|---------------------------------|
| Number of companies, Dec. 31 | 967 | 21 | 937 | 9 |
| Life incl. Fraternal Benefit Societies | 429 | 3 | 420 | 6 |
| Other than life | 538 | 18 | 517 | 3 |
| Financial condition, Dec. 31: | | | | |
| Assets | 5,676,386.5 | 2,118.2 | 5,653,420.1 | 20,848.2 |
| Liabilities exc. capital and surplus | 4,983,024.1 | 1,381.3 | 4,962,413.4 | 19,229.4 |
| Policyholders' surplus incl. capital | 693,362.4 | 736.9 | 691,006.7 | 1,618.8 |
| Capital | 6,433.2 | 55.5 | 6,372.8 | 5.0 |
| Net income or loss | 92,668.4 | 135.5 | 92,513.0 | 19.9 |
| Hawaii business: | | | | |
| Direct premiums written | 4,306.3 | 789.1 | 3,503.6 | 13.6 |
| Claims and benefits paid | 3,123.9 | 250.9 | 2,861.5 | 11.4 |
| Investments in Hawaii, Dec. 31 | 5,368.7 | 180.8 | 5,177.0 | 10.9 |
| Mortgage loans (principal indebtedness) | 1,124.7 | 96.2 | 1,028.5 | - |
| Collateral loans (amount loaned) | 36.8 | - | 26.0 | 10.9 |
| State and county bonds 4/ | 2,175.2 | 6.8 | 2,168.3 | - |
| Utilities stocks and bonds 4/ | 540.8 | - | 540.8 | - |
| Industrial and miscellaneous stocks and bonds 4/ | 1,154.0 | 60.1 | 1,093.9 | - |
| Real estate 5/ | 337.1 | 17.6 | 319.5 | - |
| Balances in Hawaii banks, Dec. 31 | 81.2 | 49.0 | 32.1 | 0.1 |

1/ A domestic insurer is one formed under the laws of Hawaii.

2/ A foreign insurer is one formed under the laws of any state of the United States (including the District of Columbia and Commonwealth of Puerto Rico) other than Hawaii.

3/ An alien insurer is one formed under the laws of a nation other than the United States.

4/ Market value.

5/ Market value less encumbrances.

Source: Hawaii State Department of Commerce and Consumer Affairs, *Report of the Insurance Commissioner of Hawaii, 2007*, pp. 17-47

<http://www.hawaii.gov/dcca/areas/ins/main/reports/2007_INS_comm_report.pdf>

accessed March 5, 2008; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 15.11-- HEALTH PLANS: 2004 TO 2007

| Subject | 2004 | 2005 | 2006 | 2007 |
|--|-----------|-----------|-----------|-----------|
| Hawaii Medical Service Association: | | | | |
| Persons covered, Dec. 31 1/ | 692,786 | 700,493 | 707,097 | 701,078 |
| Membership dues 2/ (\$1,000) | 1,603,488 | 1,716,312 | 1,805,729 | 1,646,869 |
| Kaiser Foundation Health Plan: | | | | |
| Persons covered: 1/ | | | | |
| Annual average | 232,941 | 227,185 | 225,038 | 221,473 |
| Dec. 31 | 231,179 | 226,653 | 223,284 | 221,403 |
| Membership dues 2/ (\$1,000) | 556,300 | 593,883 | 596,981 | 601,023 |
| University Health Alliance: | | | | |
| Persons covered, Dec. 31 1/ | 30,955 | 35,972 | 39,767 | 42,896 |
| Membership dues 2/ (\$1,000) | 66,604 | 83,692 | 98,850 | 112,485 |
| Commercial carrier premiums for accident and health insurance (\$1,000) | 252,227 | 271,653 | 370,466 | (NA) |

NA Not available.

1/ Subscribers and dependents, whether on a group or individual basis.

2/ Includes both employers' and employees' contributions.

Source: Data provided by Hawaii Medical Service Association, Kaiser Foundation Health Plan, Inc. and University Health Alliance; Hawaii State Department of Commerce and Consumer Affairs, *Report of the Insurance Commissioner* (annual) <<http://www.hawaii.gov/dcca/areas/ins/main/reports/>> accessed March 5, 2008.

Table 15.12-- PERCENT OF PERSONS NOT COVERED BY HEALTH INSURANCE, FOR THE UNITED STATES AND HAWAII: ANNUAL AND AVERAGES FOR 2004 TO 2006

[Based on the revised estimates released on March 23, 2007. People surveyed in March of the following year. Based on small samples and subject to considerable sampling variation. The Census Bureau recommends 2-year averages to evaluate changes in state estimates over time, and 3-year averages to compare the relative ranking of states]

| Subject | Annual | | | Two-year moving average | | Three-year moving average |
|---------------------|--------|------|------|-------------------------|-----------|---------------------------|
| | 2004 | 2005 | 2006 | 2004-2005 | 2005-2006 | 2004-2006 |
| Hawaii | | | | | | |
| Percent not covered | 8.3 | 8.6 | 8.8 | 8.5 | 8.7 | 8.6 |
| Standard error 1/ | (NA) | 0.7 | 0.7 | 0.9 | 0.9 | 0.8 |
| Rank 2/ | (X) | (X) | (X) | (X) | (X) | 3/ 2 |
| U.S. | | | | | | |
| Percent not covered | 14.9 | 15.3 | 15.8 | 15.1 | 15.5 | 15.3 |
| Standard error 1/ | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |

NA Not available.

X Not applicable.

1/ Plus or minus percent. At the 90-percent confidence interval.

2/ Among 50 states, with lowest percentage ranking 1.

3/ There are four states that are not statistically different from Hawaii at the 90-percent confidence level. Minnesota is ranked 1.

Source: U.S. Census Bureau, Table HI06 "Health Insurance Coverage Status by State for All People: 2006 Not poverty universe: unrelated individuals under age 15 are included: 2006"

<http://pubdb3.census.gov/macro/032007/health/h06_000.htm> accessed January 4, 2008; "Percentage of People Without Health Insurance Coverage by State Using 2- and 3-Year Averages: 2004 to 2006"

<http://www.census.gov/hhes/www/hlthins/hlthin06/percent_uninsured_state.xls> accessed

January 4, 2007; and "Comparison of Uninsured Rates Between States Using 3-year Averages: 2004 to 2006"

<<http://www.census.gov/hhes/www/hlthins/hlthin06/statecomp06.xls>> accessed January 4, 2008.

**Table 15.13-- FIRES, DEATHS, AND LOSSES REPORTED BY COUNTY
FIRE DEPARTMENT: 2002 TO 2007**

[Fiscal year ending June 30]

| Subject and year | State total | Honolulu | Hawaii | Kauai | Maui |
|-------------------------------|--------------------|-----------------|---------------|--------------|-------------|
| Number of fires: | | | | | |
| 2002 | 4,435 | 2,797 | 904 | 227 | 507 |
| 2003 | 5,028 | 3,123 | 1,166 | 288 | 451 |
| 2004 | 4,746 | 3,064 | 782 | 273 | 627 |
| 2005 | 4,297 | 2,411 | 887 | 258 | 741 |
| 2006 | 5,429 | 3,426 | 897 | 284 | 822 |
| 2007 | 5,060 | 3,085 | 927 | 312 | 736 |
| Fire deaths: | | | | | |
| 2002 | 4 | 4 | - | - | - |
| 2003 | 3 | 1 | 1 | - | 1 |
| 2004 | 8 | 7 | 1 | - | - |
| 2005 | 10 | 10 | - | - | - |
| 2006 | 4 | 3 | - | 1 | - |
| 2007 | 6 | 5 | 1 | - | - |
| Fire losses (\$1,000): | | | | | |
| 2002 | 16,214 | 9,940 | 4,212 | 631 | 1,431 |
| 2003 | 17,913 | 10,702 | 3,343 | 1,462 | 2,406 |
| 2004 | 37,357 | 12,682 | 15,146 | 1,950 | 7,579 |
| 2005 | 39,436 | 22,032 | 2,847 | 2,012 | 12,545 |
| 2006 | 38,621 | 21,309 | 9,167 | 2,934 | 5,211 |
| 2007 | 32,402 | 15,754 | 8,348 | 2,995 | 5,305 |

Source: Compiled by Hawaii State Department of Business, Economic Development & Tourism from county fire departments.

**Table 15.14-- CHARACTERISTICS OF BUSINESS ESTABLISHMENTS:
1996 TO 2006**

[Data refer to establishments with taxable payrolls. Excludes government
and self-employed workers]

| Year | Number of employees 1/ | Payroll (\$1,000) | | Number of establishments by employment-size class 2/ | | | |
|------|---|-------------------|------------|--|------------|------------|---------------|
| | | First quarter | Annual | Total | 1 to 4 | 5 to 9 | |
| 1996 | 424,116 | 2,666,805 | 10,954,149 | 29,967 | 15,785 | 6,257 | |
| 1997 | 426,129 | 2,707,015 | 11,179,954 | 29,991 | 15,842 | 6,221 | |
| 1998 | 416,571 | 2,736,665 | 11,291,978 | 29,603 | 15,466 | 6,235 | |
| 1999 | 419,047 | 2,756,846 | 11,661,968 | 29,569 | 15,520 | 6,111 | |
| 2000 | 432,092 | 2,982,367 | 12,331,233 | 29,853 | 15,658 | 6,063 | |
| 2001 | 441,856 | 3,136,371 | 12,684,140 | 30,175 | 15,802 | 6,133 | |
| 2002 | 439,934 | 3,237,290 | 13,352,194 | 30,633 | 16,181 | 6,245 | |
| 2003 | 459,010 | 3,422,999 | 14,138,996 | 31,061 | 16,243 | 6,294 | |
| 2004 | 473,500 | 3,552,027 | 15,074,629 | 31,605 | 16,503 | 6,431 | |
| 2005 | 490,682 | 3,784,859 | 16,163,137 | 32,244 | 16,848 | 6,504 | |
| 2006 | 512,543 | 4,225,680 | 17,287,011 | 33,118 | 17,119 | 6,681 | |
| | Number of establishments by employment-size class 2/--Con. | | | | | | |
| Year | 10 to 19 | 20 to 49 | 50 to 99 | 100 to 249 | 250 to 499 | 500 to 999 | 1,000 or more |
| 1996 | 3,930 | 2,561 | 856 | 412 | 99 | 42 | 25 |
| 1997 | 3,934 | 2,515 | 898 | 411 | 99 | 47 | 24 |
| 1998 | 3,952 | 2,498 | 883 | 404 | 97 | 45 | 23 |
| 1999 | 3,948 | 2,474 | 924 | 412 | 115 | 43 | 22 |
| 2000 | 4,067 | 2,494 | 953 | 430 | 121 | 42 | 25 |
| 2001 | 3,998 | 2,651 | 957 | 446 | 116 | 47 | 25 |
| 2002 | 4,014 | 2,632 | 914 | 455 | 122 | 46 | 24 |
| 2003 | 4,194 | 2,666 | 992 | 475 | 126 | 45 | 26 |
| 2004 | 4,208 | 2,766 | 1,012 | 479 | 121 | 58 | 27 |
| 2005 | 4,359 | 2,730 | 1,096 | 485 | 133 | 61 | 28 |
| 2006 | 4,555 | 2,884 | 1,121 | 548 | 126 | 58 | 26 |

1/ For week including March 12.

2/ Data refer to establishments active anytime during the year.

Source: U.S. Census Bureau, *County Business Patterns*

<<http://www.census.gov/epcd/cbp/view/cbpview.html>> accessed June 27, 2008.

**Table 15.15-- CHARACTERISTICS OF BUSINESS ESTABLISHMENTS,
BY COUNTY: 2005 AND 2006**

[Data refer to establishments with taxable payrolls. Excludes government
and self-employed workers]

| Year and county | Number of establishments 1/ | Number of employees 2/ | Payroll (\$1,000) | |
|-----------------|-----------------------------|------------------------|-------------------|------------|
| | | | First quarter | Annual |
| 2005 | | | | |
| State total | 32,244 | 490,682 | 3,784,859 | 16,163,137 |
| Hawaii | 4,115 | 51,916 | 360,823 | 1,547,829 |
| Honolulu | 21,728 | 347,484 | 2,779,661 | 11,830,121 |
| Kauai | 1,923 | 25,020 | 166,814 | 732,290 |
| Maui | 4,422 | 61,927 | 449,766 | 1,919,722 |
| Statewide | 56 | 4,335 | 27,795 | 133,175 |
| 2006 | | | | |
| State total | 33,118 | 512,543 | 4,225,680 | 17,287,011 |
| Hawaii | 4,297 | 55,311 | 411,579 | 1,706,075 |
| Honolulu | 22,164 | 359,474 | 3,091,776 | 12,590,038 |
| Kauai | 2,019 | 26,447 | 182,159 | 762,502 |
| Maui | 4,584 | 65,263 | 504,163 | 2,067,779 |
| Statewide | 54 | 6,048 | 36,003 | 160,617 |

1/ Data refer to establishments active anytime during the year.

2/ For week including March 12.

Source: U.S. Census Bureau, *County Business Patterns*

<<http://www.census.gov/epcd/cbp/view/cbpview.html>> accessed June 27, 2008.

**Table 15.16-- CHARACTERISTICS OF BUSINESS ESTABLISHMENTS,
BY MAJOR GROUP: 2006**

[Data refer to establishments with taxable payrolls. Excludes government and self-employed workers. Statistics based on the 2002 North American Industry Classification System (NAICS)]

| NAICS code | Major group | Number of establishments 1/ | Number of employees 2/ | Annual payroll (\$1,000) |
|------------|--|-----------------------------|------------------------|--------------------------|
| | Total | 33,118 | 512,543 | 17,287,011 |
| 11 | Forestry, fishing & hunting and agricultural support services | 44 | (3/) | (D) |
| 21 | Mining | 10 | (4/) | (D) |
| 22 | Utilities | 46 | 2,808 | 214,508 |
| 23 | Construction | 2,881 | 32,120 | 1,740,944 |
| 31-33 | Manufacturing 5/ | 953 | 15,211 | 507,441 |
| 311 | Food manufacturing | 264 | 5,845 | 158,105 |
| 315 | Apparel manufacturing | 73 | 913 | 18,990 |
| 323 | Printing and related support activities | 130 | 1,436 | 45,424 |
| 42 | Wholesale trade | 1,873 | 20,799 | 818,908 |
| 44-45 | Retail trade 5/ | 5,045 | 72,579 | 1,770,009 |
| 441 | Motor vehicle and parts dealers | 346 | 7,241 | 309,921 |
| 445 | Food and beverage stores | 733 | 13,650 | 282,930 |
| 448 | Clothing & clothing accessories stores | 1,279 | 12,513 | 237,764 |
| 48-49 | Transportation and warehousing 5/ | 877 | 29,976 | 1,031,257 |
| 481 | Air transportation | 64 | 7,912 | 293,823 |
| 51 | Information | 637 | 10,487 | 493,933 |
| 52 | Finance and insurance | 1,640 | 20,097 | 1,103,330 |
| 53 | Real estate and rental and leasing | 2,137 | 16,139 | 623,041 |
| 54 | Professional, scientific & technical services | 3,355 | 25,820 | 1,286,264 |
| 55 | Management of companies & enterprises | 226 | 5,684 | 372,672 |
| 56 | Administrative and support and waste management and remediation services | 1,805 | 41,752 | 1,090,532 |
| 61 | Educational services | 530 | 17,432 | 530,141 |
| 62 | Health care and social assistance 5/ | 3,463 | 61,904 | 2,503,184 |
| 621 | Ambulatory health care services | 2,699 | 24,568 | 1,165,020 |
| 71 | Arts, entertainment and recreation | 514 | 12,388 | 243,930 |
| 72 | Accommodation and food services | 3,530 | 101,183 | 2,305,129 |
| 721 | Accommodation | 334 | 41,052 | 1,366,687 |
| 722 | Food services and drinking places | 3,196 | 60,131 | 938,442 |
| 81 | Other services (except public admin.) | 3,467 | 25,661 | 632,678 |
| 99 | Unclassified establishments | 85 | (6/) | (D) |

Continued on next page.

**Table 15.16-- CHARACTERISTICS OF BUSINESS ESTABLISHMENTS,
BY MAJOR GROUP: 2006 -- Con.**

D Withheld to avoid disclosing data for individual companies.

1/ Data refer to establishments active anytime during the year.

2/ For week including March 12.

3/ Number of employees are between 250 to 499.

4/ Number of employees are between 100 to 249.

5/ Includes other subgroups not shown separately.

6/ Number of employees are between 20 to 99.

Source: U.S. Census Bureau, *County Business Patterns*

<<http://www.census.gov/epcd/cbp/view/cbpview.html>> accessed June 27, 2008.

**Table 15.17-- CHARACTERISTICS OF BUSINESS ESTABLISHMENTS,
BY EMPLOYMENT-SIZE CLASS: 2005 AND 2006**

[Data refer to establishments with taxable payrolls. Excludes government
and self-employed workers]

| Employment-size class | Number of establishments 1/ | | Number of employees 2/ | | Annual payroll (\$1,000) | |
|--------------------------|--------------------------------|--------|---------------------------|---------|-----------------------------|------------|
| | 2005 | 2006 | 2005 | 2006 | 2005 | 2006 |
| Total | 32,244 | 33,118 | 490,682 | 512,543 | 16,163,137 | 17,287,011 |
| 1 to 4 | 16,848 | 17,119 | 29,702 | 30,468 | 1,210,102 | 1,246,765 |
| 5 to 9 | 6,504 | 6,681 | 43,123 | 44,306 | 1,335,276 | 1,412,052 |
| 10 to 19 | 4,359 | 4,555 | 58,947 | 61,141 | 1,807,779 | 1,913,377 |
| 20 to 49 | 2,730 | 2,884 | 82,987 | 87,266 | 2,563,377 | 2,822,906 |
| 50 to 99 | 1,096 | 1,121 | 75,045 | 78,160 | 2,345,810 | 2,515,934 |
| 100 to 249 | 485 | 548 | 70,661 | 81,018 | 2,208,051 | 2,592,924 |
| 250 to 499 | 133 | 126 | 44,915 | 44,465 | 1,655,015 | 1,606,104 |
| 500 to 999 | 61 | 58 | 41,674 | 41,290 | 1,522,334 | 1,576,989 |
| 1,000 or more | 3/ 28 | 4/ 26 | 43,628 | 44,429 | 1,515,393 | 1,599,960 |

1/ Data refer to establishments active anytime during the year.

2/ For week including March 12.

3/ 17 establishments had 1,000-1,499 employees; 9 establishments had 1,500-2,499 employees;
and 2 establishments had 2,500-4,999 employees.

4/ 15 establishments had 1,000-1,499 employees; 8 establishments had 1,500-2,499 employees;
and 3 establishments had 2,500-4,999 employees.

Source: U.S. Census Bureau, *County Business Patterns 2005 Hawaii*,

<http://factfinder.census.gov/servlet/IBQTable?_bm=y&-ds_name=CB0500A2&-geo_id=04000US15&-search_results=01000US&-_lang=en> accessed June 19, 2007 and *County Business Patterns 2006 Hawaii*,

<http://factfinder.census.gov/servlet/IBQTable?_bm=y&-_industry=00&-NAICS2002sector=15138839&-ib_type=NAICS2002&-_lang=en&-geo_id=04000US15&-NAICS2002=00&-search_results=01000US&-ds_name=CB0600A2> accessed July 10, 2008.

Table 15.18-- ECONOMIC DEVELOPMENT INDEXES: 2002 TO 2007

[*The Development Report Card for the States* grades all states in three indexes that measure different aspects of economic health. Each index is composed of two or more subindexes, also graded that provide a more detailed understanding of a state's economy. Grades are based on state ranking within each index and subindex. Changes to the measures and the sources have occurred over time. Timeliness of each measure also varies depending on how it is collected so there may be time lags]

| Index | 2002 | 2003 | 2004 | 2006 1/ | | 2007 | |
|--|-------|------|------|---------|-------|-------|------|
| | Grade | | | Grade | Rank | Grade | Rank |
| Economic performance | D | D | B | C | 23 | A | 6 |
| Employment | D | C | C | C | 22 | B | 12 |
| Earnings and job quality | D | D | C | C | 27 | B | 19 |
| Equity 2/ | D | D | D | C | 24 | A | 2 |
| Quality of life | D | D | C | D | 42 | D | 41 |
| Resource efficiency 3/ | A | A | A | A | 4 | A | 6 |
| Business vitality | D | F | F | 4/ D | 4/ 44 | D | 44 |
| Competitiveness of existing businesses | C | D | D | D | 4/ 39 | D | 42 |
| Structural diversity 5/ | C | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Entrepreneurial energy 6/ | D | F | D | D | 4/ 43 | D | 36 |
| Development capacity | D | F | F | F | 48 | D | 45 |
| Human resources | D | C | C | C | 31 | C | 30 |
| Financial resources | D | F | D | F | 48 | D | 41 |
| Infrastructure resources | D | D | F | F | 49 | D | 42 |
| Amenity resources and natural capital | C | C | C | D | 37 | D | 37 |
| Innovation assets 7/ | C | C | C | C | 35 | C | 28 |

NA Not available.

1/ Previously shown as 2005. No 2005 report (which contained data for 2004) was available.

2/ Includes poverty rate; income distribution, income distribution change, and disparity between urban and rural areas.

3/ Includes per capita energy consumption, use of alternative energy (prior to 2007 called renewable energy), toxic release inventory, vehicle miles traveled, rate of recycled waste (prior to 2007 called recycling rate) and greenhouse gas emissions.

4/ Revised from previous *Data Book*.

5/ The subindex structural diversity was eliminated from the index business vitality after 2002.

6/ Includes new companies, change in new companies, job creation by start-up businesses (prior to 2006 called job growth due to new business), technology industry employment and initial public offerings.

7/ Includes Ph.D. scientists and engineers, graduate students in science and engineering, broadband access (which was added in 2007), households with computers (which was deleted in 2007), academic R & D (prior to 2006 called university R & D), federal R & D, private R & D, small business innovation research (SBIR) grants, royalties and licenses, patents issued, and business created via university R & D (prior to 2006 called university spin-outs).

Source: Corporation for Enterprise Development, *Development Report Card for the States* (annual) <<http://cfed.org/focus.m?parentid=34&siteid=2346&id=2346>> accessed January 19, 2007.

Table 15.19-- CHARACTERISTICS OF BUSINESS AND PROFESSIONAL FIRMS, BY COUNTY: 2007

| Characteristic | State total 1/ | Honolulu | Maui | Kauai | Hawaii |
|-------------------------------|----------------|----------|-------|-------|--------|
| All businesses | 50,332 | 35,732 | 5,732 | 2,651 | 6,217 |
| Business type, total 2/ | 32,936 | 23,172 | 3,493 | 1,746 | 4,528 |
| Corporation | 26,259 | 18,761 | 2,890 | 1,369 | 3,242 |
| Partnership | 704 | 502 | 111 | 26 | 65 |
| Proprietorship | 5,973 | 3,909 | 492 | 351 | 1,221 |
| Employees, total 3/ | 11,013 | 8,304 | 1,205 | 494 | 1,012 |
| 1 to 4 | 4,058 | 2,968 | 521 | 186 | 383 |
| 5 to 9 | 2,461 | 1,830 | 262 | 120 | 249 |
| 10 to 19 | 1,768 | 1,340 | 182 | 77 | 170 |
| 20 to 49 | 1,427 | 1,117 | 129 | 61 | 120 |
| 50 to 99 | 557 | 457 | 46 | 21 | 33 |
| 100 to 199 | 336 | 271 | 28 | 12 | 25 |
| 200 to 299 | 115 | 92 | 9 | 6 | 8 |
| 300 to 499 | 129 | 96 | 15 | 6 | 12 |
| 500 to 999 | 85 | 63 | 8 | 5 | 9 |
| 1,000 to 9,999 | 77 | 70 | 5 | - | 3 |
| Annual sales volume, total 2/ | 8,293 | 6,331 | 874 | 350 | 739 |
| Under \$500,000 | 4,159 | 3,109 | 438 | 179 | 433 |
| \$500,000 to \$1,000,000 | 1,275 | 949 | 138 | 71 | 117 |
| \$1 to \$5 million | 1,609 | 1,264 | 179 | 63 | 103 |
| \$5 to \$10 million | 395 | 320 | 47 | 6 | 22 |
| \$10 to \$25 million | 322 | 261 | 27 | 9 | 25 |
| Over \$25 million | 533 | 428 | 45 | 22 | 39 |
| Year established, total 3/ | 18,844 | 14,399 | 1,863 | 773 | 1,810 |
| 1820 to 1849 | 29 | 17 | 4 | 3 | 6 |
| 1850 to 1899 | 173 | 119 | 17 | 13 | 24 |
| 1900 to 1949 | 1,213 | 880 | 109 | 61 | 163 |
| 1950 to 1959 | 936 | 764 | 64 | 35 | 73 |
| 1960 to 1969 | 1,973 | 1,580 | 161 | 73 | 159 |
| 1970 to 1979 | 4,702 | 3,530 | 548 | 177 | 447 |
| 1980 to 1989 | 5,942 | 4,433 | 582 | 288 | 639 |
| 1990 to 1999 | 3,299 | 2,564 | 360 | 107 | 268 |
| 2000 and later | 577 | 512 | 18 | 16 | 31 |

1/ Subcategory figures may not sum to the total.

2/ Selected professionals are not included. Distributions exclude non-responding firms and those for which item (typically sales volume) was not applicable. Subcategory figures may not sum to the total.

3/ Distributions exclude non-responding firms and those for which item (typically sales volume) was not applicable. Subcategory figures may not sum to the total.

Source: HBD Inc., *Hawaii Business Directory 2007* (2007), pages ix, xii and xiii; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 15.20-- REGISTERED CORPORATIONS AND PARTNERSHIPS:
2004 TO 2007**

[Fiscal year ending June 30 unless otherwise specified. Excludes nonprofit corporations]

| Subject | 2004 | 2005 | 2006 | 2007 |
|---|--------|--------|--------|--------|
| Domestic (Hawaii) corporations | | | | |
| Formed | 3,075 | 3,038 | 2,882 | 2,516 |
| Dissolved or merged 1/ | 3,227 | 4,422 | 4,751 | 1,992 |
| On record, June 30 2/ | 38,536 | 37,184 | 35,368 | 35,966 |
| Foreign (non-Hawaii) corporations | | | | |
| Qualified | 1,231 | 1,453 | 1,245 | 1,362 |
| Withdrawn, merged, or cancelled 1/ | 851 | 1,057 | 994 | 684 |
| On record, June 30 2/ | 9,388 | 9,789 | 10,041 | 10,716 |
| Partnerships | | | | |
| Registered | 628 | 618 | 678 | 571 |
| Dissolved or cancelled 1/ | 847 | 1,080 | 1,077 | 508 |
| On record, June 30 2/ | 6,593 | 6,118 | 5,705 | 5,763 |
| Domestic (Hawaii) Limited Liability Companies | | | | |
| Formed | 5,299 | 6,269 | 6,761 | 7,155 |
| Dissolved or merged 1/ | 908 | 1,602 | 2,381 | 1,675 |
| On record, June 30 2/ | 17,191 | 21,881 | 26,282 | 31,800 |
| Foreign (non-Hawaii) Limited Liability Companies | | | | |
| Qualified | 560 | 774 | 877 | 930 |
| Withdrawn or merged 1/ | 126 | 204 | 269 | 203 |
| On record, June 30 2/ | 2,055 | 2,621 | 3,232 | 3,961 |
| Domestic (Hawaii) Limited Liability Partnerships | | | | |
| Formed | 41 | 61 | 74 | 94 |
| Dissolved or merged 1/ | 25 | 32 | 38 | 33 |
| On record, June 30 2/ | 204 | 233 | 268 | 329 |
| Foreign (non-Hawaii) Limited Liability Partnerships | | | | |
| Qualified | 8 | 16 | 8 | 7 |
| Withdrawn or cancelled 1/ | 3 | 3 | 3 | 2 |
| On record, June 30 2/ | 28 | 41 | 46 | 51 |

1/ Annual fluctuations may partly reflect the sporadic purging of defunct firms from the registration files.

2/ Number on record may be inconsistent with data on components of change or conversion from another type of entity, reflecting inaccuracy in manual tabulation. A discrepancy does occur when a domestic corporation converts to a limited liability company because the statistic is reflected for the domestic corporation and included in the dissolved or merged statistic, but it is not reflected in the limited liability company's formed statistic. Domestic entities that are reinstated after being involuntarily dissolved, cancelled or terminated are also not reflected in the formed statistics.

Source: Hawaii State Department of Commerce and Consumer Affairs, Business Registration Div., records.

**Table 15.21-- CHARACTERISTICS OF CORPORATIONS, PARTNERSHIPS,
AND PROPRIETORSHIPS: 2002**

[Includes all active private-for-profit businesses in Hawaii except insurance underwriters who pay the insurance premium tax. Inactive businesses, defined as those with no income no income and no expenses other than those to maintain licenses and to file tax returns, were not included]

| Subject | Total | Corpora- tions | Partner- ships | Proprie- torships |
|---|--------------|---------------------------|---------------------------|------------------------------|
| Number of businesses, by taxation district | 128,119 | 24,598 | 7,090 | 96,431 |
| 1st (Oahu) | 88,456 | 18,458 | 5,225 | 64,773 |
| 2nd (Maui, Molokai, Lanai) | 16,019 | 2,638 | 816 | 12,565 |
| 3rd (Hawaii) | 16,715 | 2,608 | 702 | 13,405 |
| 4th (Kauai, Niihau) | 6,929 | 894 | 347 | 5,688 |
| Businesses with \$1 million or more in business receipts | 5,831 | 4,902 | 715 | 214 |
| Business receipts (\$1,000) | 64,907,431 | 54,915,442 | 6,979,980 | 3,012,009 |
| Businesses with net profit | 71,091 | 11,648 | 3,794 | 55,649 |
| Amount of net profit (\$1,000) | 3,961,638 | 2,298,851 | 884,949 | 777,838 |
| Businesses with net loss | 50,730 | 7,669 | 3,039 | 40,022 |
| Amount of net loss (\$1,000) | 4,206,775 | 3,082,445 | 849,494 | 274,836 |

Source: Hawaii State Department of Taxation, *Hawaii Income Patterns: Businesses 2002* (July 2006)
<<http://www.hawaii.gov/tax/pubs/02businc.pdf>> accessed August 13, 2007.

**Table 15.22-- ESTABLISHMENT AND EMPLOYMENT CHANGES
FROM ENTERPRISE BIRTHS, DEATHS, EXPANSIONS AND
CONTRACTIONS, BY EMPLOYMENT SIZE: 2004 TO 2005**

[An enterprise is a business organization consisting of one or more domestic establishments that were specified under common ownership or control. Based on 2002 NAICS]

| Subject | Employment size of the enterprise 1/ | | | | | | | |
|---|--------------------------------------|-------------------------|--------|--------|--------|--------|---------|---------|
| | Total | Less than 500 employees | | | | | | 500+ |
| | | Total < 500 | 1-4 | 5-9 | 10-19 | 20-99 | 100-499 | |
| Establishments 2/ | | | | | | | | |
| Number (initial year) 3/ | 28,732 | 24,661 | 11,676 | 4,803 | 3,003 | 3,410 | 1,769 | 4,071 |
| Numerical change | 505 | 292 | 229 | 48 | 29 | 22 | -36 | 213 |
| Percent change | 1.8 | 1.2 | 2.0 | 1.0 | 1.0 | 0.6 | -2.0 | 5.2 |
| Births 4/ | 2,965 | 2,503 | 1,790 | 350 | 167 | 131 | 65 | 462 |
| Percent change due to births | 10.3 | 10.1 | 15.3 | 7.3 | 5.6 | 3.8 | 3.7 | 11.3 |
| Deaths 5/ | 2,460 | 2,211 | 1,561 | 302 | 138 | 109 | 101 | 249 |
| Percent change due to deaths | -8.6 | -9.0 | -13.4 | -6.3 | -4.6 | -3.2 | -5.7 | -6.1 |
| Expansions | 8,336 | 7,039 | 2,461 | 1,493 | 1,087 | 1,357 | 641 | 1,297 |
| Contractions | 7,528 | 6,262 | 1,513 | 1,653 | 1,239 | 1,355 | 502 | 1,266 |
| Employment 6/ | | | | | | | | |
| Number (initial year) 3/ | 473,181 | 268,604 | 24,852 | 31,032 | 37,656 | 94,849 | 80,215 | 204,577 |
| Numerical change | 17,679 | 10,262 | 3,789 | 997 | 606 | 2,351 | 2,519 | 7,417 |
| Percent change | 3.7 | 3.8 | 15.2 | 3.2 | 1.6 | 2.5 | 3.1 | 3.6 |
| Change due to births | 29,316 | 16,146 | 3,215 | 2,256 | 2,167 | 4,366 | 4,142 | 13,170 |
| Percent change due to births | 6.2 | 6.0 | 12.9 | 7.3 | 5.8 | 4.6 | 5.2 | 6.4 |
| Change due to deaths | -17,456 | -12,345 | -2,780 | -1,855 | -1,635 | -3,102 | -2,973 | -5,111 |
| Percent change due to deaths | -3.7 | -4.6 | -11.2 | -6.0 | -4.3 | -3.3 | -3.7 | -2.5 |
| Change due to expansions | 44,441 | 31,788 | 5,242 | 3,917 | 4,077 | 10,097 | 8,455 | 12,653 |
| Change due to contractions | -38,622 | -25,327 | -1,888 | -3,321 | -4,003 | -9,010 | -7,105 | -13,295 |
| Percent change due to expansions & births | 15.6 | 17.8 | 34.0 | 19.9 | 16.6 | 15.2 | 15.7 | 12.6 |
| Percent change due to contractions & deaths | -11.9 | -14.0 | -18.8 | -16.7 | -15.0 | -12.8 | -12.6 | -9.0 |

Continued on next page.

**Table 15.22-- ESTABLISHMENT AND EMPLOYMENT CHANGES
FROM ENTERPRISE BIRTHS, DEATHS, EXPANSIONS AND
CONTRACTIONS, BY EMPLOYMENT SIZE: 2004 TO 2005 -- Con.**

1/ For establishment deaths and continuing establishments, the enterprise size is determined by the employment of the controlling enterprise in the initial year. The enterprise size is determined by the employment of the controlling enterprise in the subsequent year for single-unit establishment births. For multiunit establishment births, the enterprise size is determined by the employment of the controlling enterprise in the initial year and by the employment of the controlling enterprise in the subsequent year if the enterprise does not exist in the initial year. Enterprise size designations are determined by the summed employment of all associated establishments.

2/ A single physical location where business is conducted or where services or industrial operations are performed.

3/ The designation for which state in the U.S. the data refers to is determined by the initial year data for establishment deaths and continuing establishments and by the subsequent year data for establishment births. For the purposes of the dynamic tabulations, an establishment is considered in existence in a given year if it has first quarter employment for that year.

4/ Establishments that have zero employment in the first quarter of the initial year and positive employment in the first quarter of the subsequent year.

5/ Establishments that have positive employment in the first quarter of the initial year and zero employment in the first quarter of the subsequent year.

6/ Full or part-time employees, including salaried officers and executives of corporations, who were on the payroll in the pay period including March 12. Included are employees on sick leave, holidays, and vacations; not included are proprietors and partners of unincorporated businesses.

Source: U.S. Census Bureau, 1989-2005 Business Information Tracking System <<http://www.census.gov/csd/susb/susbdyn.htm>> accessed July 1, 2008 and "Statistics of U.S. Businesses Explanation of Terms" <<http://www.census.gov/csd/susb/defterm.html>> accessed July 1, 2008.

Table 15.23-- TOP INDUSTRIES FOR THE STATE OF HAWAII: 2002

[Industries in which Hawaii was ranked number one among the 50 states and D.C. based on sales or receipt per capita. Includes only establishments with payroll. A few industries may not be shown where substantial data for other states has been withheld]

| NAICS code | Description | Total sales or receipts (\$1,000) | Sales or receipts per capita |
|-------------------|--|--|-------------------------------------|
| 72111 | Hotels (except casino hotels) and motels | 3,212,231 | 2,604.69 |
| 448 | Clothing and clothing accessories stores | 1,506,061 | 1,221.21 |
| 7221 | Full-service restaurants | 1,185,561 | 961.33 |
| 4481 | Clothing stores | 945,447 | 766.63 |
| 7222 | Limited-service eating places | 869,160 | 704.77 |
| 722211 | Limited-service restaurants | 751,321 | 609.22 |
| 532 | Rental and leasing services | 705,671 | 572.20 |
| 5312 | Offices of real estate agents and brokers | 555,125 | 450.13 |
| 44814 | Family clothing stores | 520,967 | 422.43 |
| 5321 | Automotive equipment rental and leasing | 498,597 | 404.30 |
| 53211 | Passenger car rental and leasing | 478,241 | 387.79 |
| 4483 | Jewelry, luggage, and leather goods stores | 429,014 | 347.87 |
| 5313 | Activities related to real estate | 413,859 | 335.58 |
| 5615 | Travel arrangement and reservation services | 410,616 | 332.95 |
| 4532 | Office supplies, stationery, and gift stores | 348,898 | 282.91 |
| 44831 | Jewelry stores | 344,350 | 279.22 |
| 53131 | Real estate property managers | 328,014 | 265.98 |
| 44512 | Convenience stores | 299,309 | 242.70 |
| 531312 | Nonresidential property managers | 194,327 | 157.57 |
| 71391 | Golf courses and country clubs | 154,772 | 125.50 |
| 5322 | Consumer goods rental | 148,956 | 120.78 |
| 56152 | Tour operators | 128,995 | 104.60 |
| 44815 | Clothing accessories stores | 119,345 | 96.77 |
| 51213 | Motion picture and video exhibition | 96,148 | 77.96 |
| 44819 | Other clothing stores | 90,496 | 73.38 |
| 44832 | Luggage and leather goods stores | 84,664 | 68.65 |
| 4879 | Scenic and sightseeing transportation, other | 61,863 | 50.16 |
| 53222 | Formal wear and costume rental | 45,484 | 36.88 |
| 446191 | Food (health) supplement stores | 42,347 | 34.34 |
| 62133 | Offices of mental health practitioners (exc. physicians) | 42,227 | 34.24 |
| 311811 | Retail bakeries | 29,016 | 23.53 |
| 71213 | Zoos and botanical gardens | 27,701 | 22.46 |
| 532292 | Recreational goods rental | 27,333 | 22.16 |

Continued on next page.

Table 15.23-- TOP INDUSTRIES FOR THE STATE OF HAWAII: 2002 -- Con.

| NAICS code | Description | Total sales or receipts (\$1,000) | Sales or receipts per capita |
|-------------------|---|--|-------------------------------------|
| 81222 | Cemeteries and crematories | 22,360 | 18.13 |
| 61162 | Sports and recreation instruction | 22,010 | 17.85 |
| 561613 | Armored car services | 19,981 | 16.20 |
| 315211 | Men's and boys' cut and sew apparel contractors | 12,092 | 9.80 |

Source: U.S. Census Bureau, 2002 Economic Census, Geographic Area Series and Subject Series reports "Industries in Which Hawaii Ranks First in Terms of Sales or Receipts Per Capita" <<http://www.census.gov/econ/census02/data/tops/TOPSTHI.HTM>> accessed June 26, 2008.

Table 15.24-- TOP INDUSTRIES, BY COUNTY: 2007

[Data averaged for 3rd quarter of 2006 through 2nd quarter of 2007. Ranking based on average quarterly employment and 3-digit NAICS codes. Largest employment is ranked 1. Includes persons 15 to 99 years of age in private firms only]

| Rank | NAICS code | County and industry | Average quarterly employment | Average quarterly new hire employment | Average monthly earnings (\$) | New hire earnings (\$) |
|------|------------|--|------------------------------|---------------------------------------|-------------------------------|------------------------|
| | | State | 500,931 | 46,383 | 3,194 | 2,159 |
| 1 | 722 | Food services and drinking places | 55,609 | 7,180 | 1,588 | 1,142 |
| 2 | 561 | Administrative and support services | 44,195 | 6,406 | 2,407 | 1,856 |
| 3 | 721 | Accommodation | 39,312 | 2,954 | 3,118 | 2,507 |
| 4 | 541 | Professional, scientific, and | | | | |
| 4 | 541 | technical services | 24,080 | 1,904 | 4,999 | 3,722 |
| 5 | 621 | Ambulatory health care services | 22,491 | 1,657 | 4,233 | 2,562 |
| 6 | 238 | Specialty trade contractors | 18,284 | 1,705 | 4,417 | 3,301 |
| 7 | 622 | Hospitals | 14,963 | 1,383 | 4,339 | 3,416 |
| 8 | 611 | Educational services | 12,751 | 930 | 2,858 | 1,752 |
| 9 | 452 | General merchandise stores | 12,730 | 1,067 | 2,112 | 1,387 |
| 10 | 624 | Social assistance | 12,704 | 1,340 | 1,829 | 1,473 |
| | | Hawaii County | 53,836 | 5,337 | 2,921 | 2,199 |
| 1 | 721 | Accommodation | 6,369 | 697 | 2,889 | 2,620 |
| 2 | 722 | Food services and drinking places | 5,466 | 727 | 1,578 | 1,137 |
| 3 | 561 | Administrative and support services | 2,934 | 414 | 2,338 | 1,810 |
| 4 | 621 | Ambulatory health care services | 2,594 | 179 | 3,641 | 2,450 |
| 5 | 238 | Specialty trade contractors | 2,436 | 287 | 3,934 | 3,111 |
| 6 | 236 | Construction of buildings | 2,216 | 327 | 4,991 | 4,052 |
| 7 | 445 | Food and beverage stores | 2,206 | 183 | 2,197 | 1,310 |
| 8 | 452 | General merchandise stores | 2,084 | 193 | 2,186 | 1,430 |
| 9 | 624 | Social assistance | 2,065 | 187 | 1,647 | 1,199 |
| 10 | 111 | Crop production | 1,780 | 115 | 1,945 | 1,544 |
| | | City & County of Honolulu | 360,556 | 33,334 | 3,268 | 2,160 |
| 1 | 722 | Food services and drinking places | 39,138 | 5,019 | 1,542 | 1,091 |
| 2 | 561 | Administrative and support services | 33,806 | 5,044 | 2,374 | 1,838 |
| 3 | 541 | Professional, scientific, & | | | | |
| 4 | 721 | accommodation | 20,755 | 1,627 | 5,154 | 3,822 |
| 4 | 721 | Accommodation | 17,443 | 1,322 | 2,991 | 2,315 |
| 5 | 621 | Ambulatory health care services | 16,998 | 1,287 | 4,263 | 2,511 |
| 6 | 622 | Hospitals | 13,807 | 1,332 | 4,357 | 3,411 |
| 7 | 238 | Specialty trade contractors | 12,978 | 1,134 | 4,594 | 3,426 |
| 8 | 611 | Educational services | 10,664 | 766 | 2,887 | 1,745 |
| 9 | 624 | Social assistance | 8,803 | 983 | 1,862 | 1,539 |
| 10 | 813 | Religious, grantmaking, civic, profess., and similar organizations | 8,771 | 615 | 2,442 | 1,701 |

Continued on next page.

Table 15.24-- TOP INDUSTRIES, BY COUNTY: 2007 -- Con.

| Rank | NAICS code | County and industry | Average quarterly employment | Average quarterly new hire employment | Average monthly earnings (\$) | New hire earnings (\$) |
|------|------------|--|------------------------------|---------------------------------------|-------------------------------|------------------------|
| | | Kauai County | 24,624 | 2,233 | 2,857 | 2,061 |
| 1 | 721 | Accommodation | 4,280 | 370 | 3,195 | 2,307 |
| 2 | 722 | Food services and drinking places | 3,131 | 387 | 1,490 | 1,075 |
| 3 | 561 | Administrative and support services | 2,863 | 296 | 2,901 | 2,029 |
| 4 | 713 | Amusement, gambling, and recreation industries | 766 | 50 | 1,946 | 1,288 |
| 5 | 238 | Specialty trade contractors | 758 | 67 | 3,542 | 2,834 |
| 6 | 621 | Ambulatory health care services | 708 | 49 | 4,933 | 3,497 |
| 7 | 236 | Construction of buildings | 686 | 81 | 4,264 | 3,696 |
| 8 | 445 | Food and beverage stores | 671 | 51 | 1,838 | 1,020 |
| 9 | 452 | General merchandise stores | 666 | 50 | 1,994 | 1,414 |
| 10 | 541 | Professional, scientific, and technical services | 585 | 67 | 3,987 | 3,879 |
| | | Maui County | 61,914 | 5,480 | 3,119 | 2,135 |
| 1 | 721 | Accommodation | 11,220 | 565 | 3,421 | 2,807 |
| 2 | 722 | Food services and drinking places | 7,874 | 1,047 | 1,873 | 1,405 |
| 3 | 561 | Administrative and support services | 4,594 | 652 | 2,393 | 1,936 |
| 4 | 621 | Ambulatory health care services | 2,192 | 142 | 4,471 | 2,851 |
| 5 | 238 | Specialty trade contractors | 2,112 | 218 | 4,148 | 3,072 |
| 6 | 111 | Crop production | 2,014 | 95 | 3,755 | 2,749 |
| 7 | 448 | Clothing and clothing accessories stores | 1,698 | 202 | 2,138 | 1,444 |
| 8 | 236 | Construction of buildings | 1,693 | 190 | 4,614 | 3,715 |
| 9 | 813 | Religious, grantmaking, civic, professional, and similar organizations | 1,498 | 100 | 2,387 | 1,798 |
| 10 | 445 | Food and beverage stores | 1,486 | 121 | 2,084 | 1,289 |

Source: U.S. Census Bureau, Local Employment Dynamics, Industry Focus
 <http://lehd.did.census.gov/cgi-bin/broker?_SERVICE=industry_focus&_PROGRAM=pgm.top_report.sas&_report=no&_question=1+&_state=+&_entity=state&_Ind2=off&_Ind3=off&_output=1&_output=2&_top=10&_question=1&_table=no&_rankings=1&_sex=0&_agegroup=A00&_geog=>>
 accessed July 6, 2008.

Table 15.25-- LARGEST PUBLIC AND PRIVATE COMPANIES: 2007

[Ranking based on sales in 2006. Data may include sales and employment on the Mainland or abroad]

| Rank in sales | Company | Year founded | Sales (million dollars) | Employees |
|---------------|-------------------------------------|--------------|-------------------------|-----------|
| 1 | BancWest Corp. | 1/ 1858/1974 | 4,235.0 | 12,871 |
| 2 | Hawaiian Electric Industries Inc. | 1/ 1891/1983 | 2,460.9 | 3,447 |
| 3 | Hawaii Medical Service Assn. (HMSA) | 1938 | 2,169.0 | 1,724 |
| 4 | Alexander & Baldwin Inc. | 1/ 1870/1900 | 1,610.0 | 2,074 |
| 5 | University of Hawaii System | 1907 | 1,173.0 | 8,015 |
| 6 | Kamehameha Schools | 1884 | 1,029.5 | 1,862 |
| 7 | Hawaiian Airlines Inc. | 1929 | 888.0 | 3,587 |
| 8 | Kaiser Permanente Hawaii 2/ | 1958 | 862.6 | 4,017 |
| 9 | Bank of Hawaii Corp. | 1897 | 788.8 | 2,586 |
| 10 | NCL America | 2003 | 706.6 | 4,461 |

1/ The first year is the founding date of the original company and the second year is when it became a holding company, was sold, or legally changed its name or year of incorporation.

2/ Previously ranked as Kaiser Permanente.

Source: *Hawaii Business*, "Hawaii Business Top 250 Companies in Hawaii" (August 2007), p. 72.

**Table 15.26-- NET INCOME OR LOSS AND TOTAL REVENUES OF
SELECTED COMPANIES: 2005 AND 2006**

[Based on 2006 ranking of net income for reporting companies]

| Company | Net income or loss (\$1,000) | | Sales (million dollars) | |
|------------------------------------|---------------------------------|---------|----------------------------|---------|
| | 2005 | 2006 | 2005 | 2006 |
| Largest net incomes 1/ | | | | |
| BancWest Corp. | 590,413 | 639,300 | 3,038.9 | 4,235.0 |
| Bank of Hawaii Corp. | 181,561 | 180,359 | 715.8 | 788.8 |
| Alexander & Baldwin Inc. | 126,000 | 122,500 | 1,670.0 | 1,610.0 |
| Hawaiian Electric Industries Inc. | 126,689 | 108,001 | 2,215.6 | 2,460.9 |
| CPF Inc. | 72,459 | 79,180 | 304.0 | 364.0 |
| Island Insurance Co. Ltd. | 17,000 | 29,000 | 131.8 | 137.2 |
| First Insurance Co. of Hawaii Ltd. | 20,655 | 25,054 | 199.4 | 209.3 |
| Largest net losses | | | | |
| Hawaiian Airlines Inc. | -2,706 | -41 | 825.5 | 888.0 |

1/ For the largest net incomes, companies that had a net annual income of \$20 million or more in 2006.

Source: *Hawaii Business*, "Hawaii Business Top 250 Companies in Hawaii" (August 2007), p. 125.

**Table 15.27-- NONEMPLOYER STATISTICS, FOR HAWAII
AND THE UNITED STATES: 1997 TO 2006**

[Data refer to businesses that have no paid employees and are subject to federal income tax. From 1997 to 2001, data were tabulated based on the 1997 North American Industry Classification System (NAICS). Starting in 2002, data were tabulated based on the 2002 NAICS codes]

| Year | Hawaii | | United States | |
|------|--------------------|-----------------------|--------------------|-----------------------|
| | Number of firms 1/ | Receipts 2/ (\$1,000) | Number of firms 1/ | Receipts 2/ (\$1,000) |
| 1997 | 70,203 | 2,350,383 | 15,439,609 | 586,315,756 |
| 1998 | 71,039 | 2,560,133 | 15,708,727 | 643,720,460 |
| 1999 | 72,610 | 2,664,258 | 16,152,604 | 667,219,733 |
| 2000 | 73,810 | 2,835,688 | 16,529,955 | 709,378,836 |
| 2001 | 74,969 | 2,901,845 | 16,979,498 | 729,922,063 |
| 2002 | 76,398 | 3,055,384 | 17,646,062 | 770,032,328 |
| 2003 | 80,718 | 3,407,971 | 18,649,114 | 829,819,228 |
| 2004 | 84,331 | 3,694,870 | 19,523,741 | 887,001,820 |
| 2005 | 87,717 | 4,026,320 | 20,392,068 | 951,206,297 |
| 2006 | 90,353 | 4,194,469 | 20,768,555 | 970,384,137 |

1/ Data refer to each distinct business income tax return filed by a nonemployer business.

2/ Includes gross receipts, sales, commissions and income received from trades and businesses, as reported on annual business income tax returns. Business income consists of all payments received for services rendered by nonemployer businesses, such as payments received as independent agents and contractors.

Source: U.S. Census Bureau, 1997 Economic Census *Nonemployer Statistics*, *Nonemployer Statistics* for 1998 through 2001 (annual), 2002 Economic Census, *Nonemployer Statistics* <<http://www.census.gov/prod/www/abs/nonemp.html>> accessed September 30, 2005, *Nonemployer Statistics* (annual) <<http://www.census.gov/epcd/nonemployer/2006/hi/HI000.HTM>> and <<http://www.census.gov/epcd/nonemployer/2006/us/US000.HTM>> accessed July 31, 2008.

**Table 15.28-- CHARACTERISTICS OF NONEMPLOYER
BUSINESSES, BY MAJOR GROUP: 2006**

[Data refer to businesses that have no paid employees and are subject to federal income tax.
Statistics based on the 2002 North American Industry Classification System (NAICS)]

| 2002 NAICS code | Major group 1/ | Number of firms 2/ | Receipts 3/ (\$1,000) |
|--------------------------------|--|-------------------------------|----------------------------------|
| | Total | 90,353 | 4,194,469 |
| 11 | Forestry, fishing & hunting and agricultural support services 4/ | 1,628 | 63,436 |
| 21 | Mining | 19 | 1,282 |
| 22 | Utilities | 62 | 2,176 |
| 23 | Construction | 7,344 | 563,754 |
| 236 | Construction of buildings | 2,165 | 205,464 |
| 238 | Specialty trade contractors | 5,051 | 346,745 |
| 31-33 | Manufacturing | 1,988 | 88,040 |
| 311 | Food manufacturing | 200 | 10,036 |
| 315 | Apparel manufacturing | 419 | 10,121 |
| 321 | Wood product manufacturing | 200 | 10,918 |
| 42 | Wholesale trade | 2,493 | 182,909 |
| 44-45 | Retail trade | 9,157 | 439,513 |
| 445 | Food and beverage stores | 444 | 45,689 |
| 448 | Clothing and clothing accessories stores | 850 | 70,035 |
| 454 | Nonstore retailers 5/ | 4,535 | 105,143 |
| 48-49 | Transportation and warehousing 6/ | 2,516 | 94,662 |
| 485 | Transit and ground passenger transportation | 1,646 | 42,920 |
| 51 | Information | 1,140 | 45,324 |
| 52 | Finance and insurance | 2,984 | 207,736 |
| 524 | Insurance carriers and related activities | 1,630 | 89,548 |
| 53 | Real estate and rental and leasing | 11,696 | 860,993 |
| 531 | Real estate | 11,310 | 833,411 |
| 54 | Professional, scientific and technical services | 13,263 | 540,695 |
| 56 | Administrative and support and waste management and remediation services | 6,549 | 176,185 |
| 61 | Educational services | 1,872 | 31,012 |
| 62 | Health care and social assistance | 6,633 | 272,508 |
| 621 | Ambulatory health care services | 4,134 | 211,819 |
| 71 | Arts, entertainment and recreation | 5,763 | 149,322 |
| 711 | Performing arts, spectator sports, and related industries | 4,975 | 102,883 |
| 72 | Accommodation and food services | 1,426 | 82,650 |
| 81 | Other services (except public administration) | 13,820 | 392,272 |
| 812 | Personal and laundry services | 9,409 | 235,801 |

Continued on next page.

**Table 15.28-- CHARACTERISTICS OF NONEMPLOYER
BUSINESSES, BY MAJOR GROUP: 2006 -- Con.**

1/ Major groups include other subgroups not shown separately in this table.

2/ Data refer to each distinct business income tax return filed by a nonemployer business.

3/ Includes gross receipts, sales, commissions and income received from trades and businesses, as reported on annual business income tax returns. Business income consists of all payments received for services rendered by nonemployer businesses, such as payments received as independent agents and contractors.

4/ Does not include crop and animal production.

5/ Includes electronic shopping and mail-order houses, vending machine operators and direct selling establishments.

6/ Data do not include large certificated passenger carriers that report to the Office of Airline Information, U.S. Department of Transportation. Railroad transportation and U.S. Postal Service are out of scope.

Source: U.S. Census Bureau, *Nonemployer Statistics: 2006*

<<http://www.census.gov/epcd/nonemployer/2006/hi/HI000.HTM>> accessed July 31, 2008.

Table 15.29-- SELECTED MINORITY-OWNED BUSINESS ENTERPRISES: 2002

[Fifty-one percent or more of the stock or equity in the business must be held by minorities to be included as a minority-owned business. Details may not total because a Hispanic or Latino firm may be of any race. Moreover, each owner had the option of selecting more than one race and therefore is included in each race selected]

| Characteristics | All firms (whether or not owned by minorities) | Firms owned by selected minorities 1/ | | |
|------------------------------|---|---------------------------------------|---|-----------------------|
| | | Asian- owned | Native Hawaiian- and Other Pacific Islander-owned | Hispanic- owned 2/ |
| All firms: | | | | |
| Number | 99,224 | 44,969 | 8,359 | 3,095 |
| Sales and receipts (\$1,000) | 66,500,138 | 12,587,869 | 1,436,233 | 482,647 |
| Firms with paid employees: | | | | |
| Number | 23,517 | 10,329 | 1,002 | 482 |
| Sales and receipts (\$1,000) | 63,454,894 | 11,251,449 | 1,256,938 | 415,895 |
| Employees | 425,043 | 92,218 | 9,935 | 3,655 |
| Annual payroll (\$1,000) | 12,502,639 | 2,417,758 | 251,142 | 98,092 |

1/ Race was based on self-identification and each owner could select more than one racial group. Owners selecting white race alone (Caucasians), although only 24.3 percent of general population of Hawaii in 2000, were treated as a non-minority group for census purposes.

2/ Persons of Hispanic origin may be members of any race.

Source: U.S. Census Bureau, 2002 Economic Census, Survey of Business Owners, Company Statistics Series, *Asian-Owned Firms: 2002*, SB02-00CS-ASIAN (May 2006), table 2 and 14; *Native Hawaiian- and Other Pacific Islander-Owned Firms: 2002*, SB02-00CS-NHPI (June 2006), table 2; *Hispanic-Owned Firms: 2002*, table 2 <<http://www.census.gov/csd/sbo/>> accessed June 30, 2006.

**Table 15.30-- ASIAN-OWNED BUSINESSES FOR
HAWAII AND THE UNITED STATES: 2002**

[Details may not add to total because each owner had the option of selecting more than one race and therefore is included in each race selected]

| Characteristics | All firms | | Firms with paid employees | | | |
|-----------------|-----------|------------------------------|---------------------------|------------------------------|-----------|--------------------------|
| | Number | Sales and receipts (\$1,000) | Number | Sales and receipts (\$1,000) | Employees | Annual payroll (\$1,000) |
| Hawaii | 44,969 | 12,587,869 | 10,329 | 11,251,449 | 92,218 | 2,417,758 |
| Asian Indian | 542 | 234,634 | (1/) | (1/) | (1/) | (1/) |
| Chinese | 10,911 | 2,941,293 | 2,554 | 2,525,494 | 23,231 | 570,854 |
| Filipino | 9,145 | 639,656 | 830 | 473,247 | 4,975 | 138,284 |
| Japanese | 19,850 | 7,405,836 | 5,456 | 6,822,212 | 49,635 | 1,471,227 |
| Korean | 3,660 | 1,022,522 | 944 | 900,248 | 6,273 | 146,389 |
| Vietnamese | 1,942 | 193,887 | 313 | 148,992 | 1,630 | 20,786 |
| Other Asian | 708 | 111,357 | (1/) | (1/) | (1/) | (1/) |
| United States | 1,104,189 | 326,352,983 | 319,295 | 290,805,663 | 2,212,813 | 55,991,382 |
| Asian Indian | 231,179 | 89,022,573 | 83,522 | 80,786,633 | 615,549 | 17,655,262 |
| Chinese | 290,197 | 106,269,540 | 90,179 | 96,771,671 | 656,565 | 15,472,533 |
| Filipino | 128,223 | 14,614,862 | 20,149 | 11,306,707 | 133,933 | 3,642,822 |
| Japanese | 86,863 | 30,622,830 | 22,166 | 27,854,820 | 205,423 | 5,780,834 |
| Korean | 158,031 | 46,947,937 | 57,078 | 41,279,844 | 320,522 | 6,699,091 |
| Vietnamese | 147,081 | 15,651,008 | 25,636 | 11,671,482 | 127,785 | 2,816,459 |
| Other Asian | 71,439 | 20,315,711 | 21,443 | 18,353,035 | 138,634 | 3,239,646 |

1/ Estimates are suppressed when publication standards are not met, such as, the firm count is less than 3, or the relative standard error of the sales and receipts is 50 percent or more.

Source: U.S. Census Bureau, *2002 Economic Census, Survey of Business Owners, Company Statistics Series, Asian-Owned Firms: 2002*, SB02-00CS-ASIAN (May 2006), table 3
<<http://www.census.gov/prod/ec02/sb0200csasian.pdf>> accessed June 9, 2006.

Table 15.31-- NATIVE HAWAIIAN- AND OTHER PACIFIC ISLANDER-OWNED BUSINESSES FOR HAWAII AND THE UNITED STATES: 2002

| Characteristics | All firms | | Firms with paid employees | | | |
|---|-----------|------------------------------|---------------------------|------------------------------|-----------|--------------------------|
| | Number | Sales and receipts (\$1,000) | Number | Sales and receipts (\$1,000) | Employees | Annual payroll (\$1,000) |
| Hawaii | | | | | | |
| Total Native Hawaiian- and Other Pacific Islander | 8,359 | 1,436,233 | 1,002 | 1,256,938 | 9,935 | 251,142 |
| Native Hawaiian | 7,580 | 1,363,827 | 889 | 1,200,861 | 9,063 | 232,491 |
| Samoaan | 226 | 23,565 | 31 | 21,283 | 431 | 8,147 |
| Guamanian or Chamorro | (1/) | (1/) | (1/) | (1/) | (1/) | (1/) |
| Other Pacific Islander | 410 | 45,266 | (1/) | (1/) | (1/) | (1/) |
| United States | | | | | | |
| Total Native Hawaiian- and Other Pacific Islander | 28,948 | 4,279,591 | 3,693 | 3,502,157 | 29,319 | 826,217 |
| Native Hawaiian | 16,776 | 2,844,232 | 2,180 | 2,458,465 | 19,891 | 582,098 |
| Samoaan | 2,204 | 299,149 | 318 | 249,214 | 1,963 | 52,638 |
| Guamanian or Chamorro | 3,797 | 676,473 | (1/) | (1/) | (1/) | (1/) |
| Other Pacific Islander | 6,324 | 410,316 | 730 | 281,993 | 3,678 | 71,115 |

1/ Estimates are suppressed when publication standards are not met, such as, the firm count is less than 3, or the relative standard error of the sales and receipts is 50 percent or more.

Source: U.S. Census Bureau, 2002 Economic Census, Survey of Business Owners, Company Statistics Series, *Native Hawaiian- and Other Pacific Islander-Owned Firms: 2002*, SB02-00CS-NHPI (June 2006), table 3 <<http://www.census.gov/prod/ec02/sb0200csnhpi.pdf>> accessed June 28, 2006.

**Table 15.32-- WOMEN-OWNED BUSINESSES FOR
HAWAII AND THE UNITED STATES: 2002**

[Male/female ownership of a business was based on the gender of the person(s) owning the majority interest in the business. Businesses equally male-/female-owned were tabulated and published as a separate entity]

| Subject | Total 1/ | Women- owned firms 2/ | Percent women- owned |
|------------------------------|----------------|-----------------------------|----------------------------|
| Hawaii | | | |
| All firms: | | | |
| Number | 99,224 | 29,897 | 30.1 |
| Sales and receipts (\$1,000) | 66,500,138 | 4,562,205 | 6.9 |
| Firms with paid employees: | | | |
| Number | 23,517 | 4,544 | 19.3 |
| Sales and receipts (\$1,000) | 63,454,894 | 3,913,035 | 6.2 |
| Employees | 425,043 | 38,569 | 9.1 |
| Annual payroll (\$1,000) | 12,502,639 | 810,868 | 6.5 |
| United States | | | |
| All firms: | | | |
| Number | 22,974,685 | 6,489,483 | 28.2 |
| Sales and receipts (\$1,000) | 22,627,167,224 | 940,774,986 | 4.2 |
| Firms with paid employees: | | | |
| Number | 5,524,813 | 916,768 | 16.6 |
| Sales and receipts (\$1,000) | 21,859,757,616 | 804,097,284 | 3.7 |
| Employees | 110,786,416 | 7,146,229 | 6.5 |
| Annual payroll (\$1,000) | 3,813,488,135 | 173,709,355 | 4.6 |

1/ Based on the 2002 Economic Census. All firms whether or not they are owned by women.

2/ Based on the 2002 Survey of Business Owners.

Source: U.S. Census Bureau, *2002 Economic Census, Survey of Business Owners, Company Statistics Series, Women-Owned Firms: 2002*, SB02-00CS-WMN (January 2006), table 12

<<http://www.census.gov/prod/ec02/sb0200cswmn.pdf>> accessed June 9, 2006; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 15.33-- BUSINESS INQUIRIES AND COMPLAINTS THROUGH THE BETTER BUSINESS BUREAU, BY TYPE OF INDUSTRY: 2007

| Type of industry 1/ | Number of inquiries | Type of industry 1/ | Number of Complaints | Average settlement dollar value per consumer complaint |
|------------------------------|---------------------|-------------------------------------|----------------------|--|
| Wedding consultants | 7,434 | Telephone companies | 125 | 235.73 |
| Travel agencies & bureaus | 5,663 | Auto dealers-new cars 2/ | 108 | 44,260.75 |
| Roofing contractors | 3,089 | Travel agencies & bureaus | 91 | 1,152.47 |
| Mortgages | 2,898 | Airlines | 67 | 740.52 |
| Real estate | 2,572 | Video tapes & discs sales & rentals | 40 | 48.64 |
| Auto dealers-new cars | 2,421 | Restaurants | 36 | 349.26 |
| Pest control services | 2,375 | Cellular telephone service | 34 | 425.18 |
| Plumbing contractors | 2,265 | Hotels | 33 | 1,165.48 |
| Tours-operators & promoters | 2,094 | Toys-retail | 30 | 98.84 |
| Work-at-home companies | 1,937 | Jewelers-retail | 29 | 1,384.07 |
| Contractors-general | 1,859 | Furniture-retail | 27 | 1,996.65 |
| Construction & remodel svcs. | 1,699 | Auto renting & leasing | 26 | 1,598.78 |
| Furniture-retail | 1,659 | Photographers-portrait | 23 | 610.15 |
| Movers | 1,631 | Towing-automotive | 21 | 525.22 |
| Hotels | 1,530 | Plumbing contractors | 20 | 699.46 |
| Modeling & talent agencies | 1,494 | Publishers-directory & guide | 20 | 881.58 |
| Real estate management | 1,492 | Internet shopping services | 20 | 465.68 |
| Auto body repair & painting | 1,459 | Auto body repair & painting | 19 | 2,925.63 |
| Insurance services | 1,429 | Parking facilities | 19 | 1,642.20 |
| Real estate services | 1,364 | Banks | 18 | 768.08 |
| Timeshare companies | 1,195 | Wedding consultants | 16 | 1,377.75 |
| Vacation rentals | 1,179 | Movers | 16 | 2,757.60 |
| Electric contractors | 1,169 | Auto dealers-used cars | 15 | 9,615.64 |
| Sightseeing tours | 1,158 | General merchandise-retail | 15 | 124.38 |
| Auto repair & service | 1,110 | Pest control services | 15 | 527.30 |

1/ Industries listed are those with the highest number of inquiries or complaints.

2/ Includes new car repair issues.

Source: Better Business Bureau of Hawaii, records.

Section 16

INFORMATION AND COMMUNICATIONS

This section presents statistics on the usage, finances, and operations of the Postal Service and of various information and communications media: telephone, radio, television, newspapers, periodicals, and books. Sections 12 and 15 contain employment and payroll data for communications establishments.

The major sources for statistics on information and communications are the reports and records of the U.S. Postal Service, Federal Communications Commission, Hawaii State Department of Commerce and Consumer Affairs, and the U.S. Census Bureau. Earlier figures appear in *Historical Statistics of Hawaii*, Section 18. Data on communications for other states and for the nation as a whole are presented in the *Statistical Abstract of the United States: 2008*, Section 24.

Table
Number **Table Name**

(Click on the table number to go to corresponding table)

Narrative

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Table 16.01-- INFORMATION ESTABLISHMENTS (NAICS 51): 2005

[Excludes most government employees, railroad employees, and self-employed persons. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in the *County Business Patterns* prior to 1998. Therefore, comparability between the current data and data prior to 1998 may be limited]

| NAICS code | Industry | No. of establishments | No. of paid employees for pay period including March 12 | Annual payroll (\$1,000) |
|------------|--|-----------------------|---|--------------------------|
| 51 | Information | 631 | 10,291 | 471,448 |
| 511 | Publishing industries (except internet) | 100 | 2,397 | 107,100 |
| 5111 | Newspaper, periodical, book, directory publishers | 90 | 2,326 | 104,100 |
| 5112 | Software publishers | 10 | 71 | 3,000 |
| 512 | Motion picture & sound recording industries | 121 | 1,003 | 16,576 |
| 5121 | Motion picture & video industries | 104 | (1/) | (2/) |
| 5122 | Sound recording industries | 17 | (3/) | (2/) |
| 515 | Broadcasting (except internet) | 45 | 1,155 | 49,577 |
| 5151 | Radio & television broadcasting | 43 | (4/) | (2/) |
| 5152 | Cable & other subscription programming | 2 | (5/) | (2/) |
| 516 | Internet publishing & broadcasting | 18 | 137 | 4,789 |
| 517 | Telecommunications | 252 | 4,266 | 236,685 |
| 5171 | Wired telecommunications carriers | 134 | 2,464 | 136,783 |
| 5172 | Wireless telecommunications carriers (except satellite) | 85 | (1/) | (2/) |
| 5173 | Telecommunications resellers | 13 | (3/) | (2/) |
| 5174 | Satellite telecommunications | 10 | (3/) | (2/) |
| 5175 | Cable & other program distribution | 8 | (1/) | (2/) |
| 5179 | Other telecommunications | 2 | (5/) | (2/) |
| 518 | Internet service providers, web search portals, and data processing services | 85 | 1,258 | 54,922 |
| 5181 | Internet service providers and web search portals | 14 | 92 | 2,986 |
| 5182 | Data processing, hosting, & related services | 71 | 1,166 | 51,936 |
| 519 | Other information services | 10 | 75 | 1,799 |

1/ Employment-size class, 500 to 999 employees.

2/ The payroll isn't shown separately.

3/ Employment-size class, 20 to 99 employees.

4/ Employment-size class, 1,000 to 2,499 employees.

5/ Employment-size class, 0 to 19 employees.

Source: U.S. Census Bureau, 2005 County Business Patterns <<http://censtats.census.gov/cgi-bin/cbpnaic/cbpdetl.pl>> accessed December 5, 2007.

Table 16.02 -- INFORMATION (NAICS 51), BY KIND OF BUSINESS OR OPERATION: 2002

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| NAICS code | Kind of business or operation | Establishments (number) | Receipts (\$1,000) | Annual payroll (\$1,000) | Paid employees, pay period including March 12 (number) |
|------------|--|-------------------------|--------------------|--------------------------|--|
| 51 | Information | 594 | (NA) | 581,426 | 11,665 |
| 511 | Publishing industries (except Internet) | 96 | 308,764 | 135,651 | 3,016 |
| 5111 | Newspaper, periodical, book, and directory publishers | 88 | 299,866 | 132,978 | 2,981 |
| 5112 | Software publishers | 8 | 8,898 | 2,673 | 35 |
| 512 | Motion picture and sound recording industries | 126 | (NA) | 18,805 | 1,316 |
| 5121 | Motion picture and video industries | 109 | (NA) | 16,331 | 1,262 |
| 5122 | Sound recording industries | 17 | (NA) | 2,474 | 54 |
| 515 | Broadcasting (except Internet) | 44 | 92,137 | 38,956 | 1,162 |
| 5151 | Radio and television broadcasting | 42 | (D) | (D) | (1) |
| 5152 | Cable and other subscription programming | 2 | (D) | (D) | (2) |
| 516 | Internet publishing and broadcasting | 14 | 10,455 | 3,664 | 82 |
| 5161 | Internet publishing and broadcasting | 14 | 10,455 | 3,664 | 82 |
| 517 | Telecommunications | 214 | (NA) | 336,354 | 4,849 |
| 5171 | Wired telecommunications carriers | 107 | (3/) | 246,785 | 2,915 |
| 5172 | Wireless telecommunications carriers (except satellite) | 74 | (3/) | 46,317 | 1,017 |
| 5173 | Telecommunications resellers | 11 | 10,494 | 2,384 | 84 |
| 5174 | Satellite telecommunications | 6 | (D) | (D) | (4/) |
| 5175 | Cable and other program distribution | 13 | (3/) | (D) | (5/) |
| 5179 | Other telecommunications | 3 | (D) | (D) | (4/) |
| 518 | Internet service providers, web search portals, and data processing services | 93 | 73,016 | 46,210 | 1,182 |
| 5181 | Internet service providers and web search portals | 20 | 15,925 | 3,610 | 128 |
| 5182 | Data processing, hosting, and related services | 73 | 57,091 | 42,600 | 1,054 |

Continued on next page.

Table 16.02 -- INFORMATION (NAICS 51), BY KIND OF BUSINESS OR OPERATION: 2002 -- Con.

| NAICS code | Kind of business or operation | Establishments (number) | Receipts (\$1,000) | Annual payroll (\$1,000) | Paid employees, pay period including March 12 (number) |
|-------------------|--------------------------------------|--------------------------------|---------------------------|---------------------------------|---|
| | Information (con.) | | | | |
| 519 | Other information services | 7 | 4,270 | 1,786 | 58 |
| 5191 | Other information services | 7 | 4,270 | 1,786 | 58 |

NA Not available.

D Withheld to avoid disclosing data of individual companies; data are included in higher level totals.

1/ 1,000 to 2,499 employees.

2/ 0 to 19 employees.

3/ Receipts not collected at this level of detail for multiestablishment firms.

4/ 20 to 99 employees.

5/ 500 to 999 employees.

Source: U.S. Census Bureau, *2002 Economic Census, Information, Geographic Area Series, Hawaii*, EC02-51A-HI (March 2005), table 1.

Table 16.03 -- INFORMATION (NAICS 51), FOR COUNTY AND SELECTED URBAN PLACE: 2002

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| Geographic area | Establishments (number) | Receipts (\$1,000) | Annual payroll (\$1,000) | Paid employees for pay period including March 12 (number) |
|------------------------|------------------------------------|-------------------------------|-------------------------------------|--|
| State total | 594 | (NA) | 581,426 | 11,665 |
| Hawaii County | 65 | (NA) | 25,646 | 712 |
| Hilo | 28 | (NA) | 12,752 | 375 |
| Kailua | 18 | (NA) | 10,767 | 256 |
| Honolulu County | 421 | (NA) | 503,316 | 9,523 |
| Aiea | 6 | (NA) | 1,360 | 84 |
| Honolulu | 305 | (NA) | 438,226 | 7,842 |
| Kailua | 16 | (NA) | 2,275 | 127 |
| Kaneohe | 12 | (NA) | 2,071 | 85 |
| Mililani Town | 7 | (NA) | 1,411 | 114 |
| Pearl City | 5 | (NA) | 2,174 | 82 |
| Pupukea | 3 | (NA) | 97 | 3 |
| Wahiawa | 4 | (NA) | 2,572 | 55 |
| Waimalu | 9 | (NA) | 3,470 | 148 |
| Kauai County | 27 | (NA) | 27,670 | 730 |
| Lihue | 10 | (NA) | 5,927 | 163 |
| Maui County | 81 | (NA) | 24,794 | 700 |
| Kahului | 21 | (NA) | 13,123 | 354 |
| Kihei | 14 | (NA) | 1,344 | 50 |
| Lahaina | 12 | (NA) | 3,114 | 81 |
| Wailuku | 8 | (NA) | 2,907 | 72 |

NA Not available.

Source: U.S. Census Bureau, *2002 Economic Census, Information, Geographic Area Series, Hawaii*, EC02-51A-HI (March 2005), tables 1, 3, and 4.

**Table 16.04-- NUMBER OF POST OFFICES AND STATIONS, BY ISLAND:
SEPTEMBER 30, 2007**

| Island | Total | Cost Ascertainment Group (CAG) 1/ | | | | Stations | |
|-------------|-------|-----------------------------------|--------|------|------|---------------|-------------|
| | | A-G 2/ | H-J 3/ | K 4/ | L 5/ | Classified 6/ | Contract 7/ |
| State total | 118 | 39 | 28 | 5 | - | 23 | 23 |
| Hawaii | 32 | 10 | 14 | 1 | - | 2 | 5 |
| Maui | 11 | 9 | 1 | - | - | 1 | - |
| Lanai | 1 | - | 1 | - | - | - | - |
| Molokai | 5 | 1 | 2 | 2 | - | - | - |
| Oahu | 51 | 13 | 4 | - | - | 18 | 16 |
| Kauai | 18 | 6 | 6 | 2 | - | 2 | 2 |
| Niihau 8/ | - | - | - | - | - | - | - |

1/ Changes in CAG assignments are made at the beginning of the fiscal year. They are determined by the gross revenue from the prior fiscal year as follows: Gross revenue is divided by a revenue unit factor. The revenue unit factor represents the average revenue from mail and special services, including fees, per one thousand pieces of originating mail and special services transactions. CAGs range from A to L.

2/ Formerly called First-class offices.

3/ Formerly called Second-class offices.

4/ Formerly called Third-class offices.

5/ Formerly called Fourth-class offices.

6/ Staffed by career postal employees.

7/ Operated under a contractual agreement between the Postal Service and an individual contractor.

8/ Niihau is served by the Makaweli Post Office on Kauai.

Source: U.S. Postal Service, Honolulu District, records.

Table 16.05-- POSTAL SERVICE: 1997 TO 2007

[Fiscal year ending September 30]

| Year | Post offices, September 30 | Stations, September 30 1/ | Gross postal receipts (\$1,000) | Pieces of mail 2/ (millions) |
|-------------|---------------------------------------|--------------------------------------|--|---|
| 1997 | 72 | 59 | 172,714 | 549 |
| 1998 | 72 | 58 | 171,816 | 556 |
| 1999 | 72 | 61 | 174,958 | 560 |
| 2000 | 72 | 63 | 176,923 | 551 |
| 2001 | 72 | 63 | 179,182 | 542 |
| 2002 | 72 | 63 | 180,761 | 540 |
| 2003 | 72 | 53 | 193,335 | 535 |
| 2004 | 72 | 53 | 193,148 | 584 |
| 2005 | 72 | 53 | 193,361 | 588 |
| 2006 | 72 | 54 | 193,574 | 592 |
| 2007 | 72 | 46 | 198,228 | 596 |

1/ Includes both classified and contract stations (see preceding table).

2/ Originating in Hawaii.

Source: U.S. Postal Service, Honolulu District, records.

Table 16.06-- TELEPHONE STATISTICAL SUMMARY: 1984 TO 2006

| Subject | Number or percent |
|--|-------------------|
| Telecommunications revenues (million dollars): | |
| 1995 | 775 |
| 1996 | 841 |
| 1997 | 930 |
| 1998 | 969 |
| 1999 | 1,009 |
| 2000 | 1,177 |
| 2001 | 1,207 |
| 2002 | 1,200 |
| 2003 | 1,212 |
| 2004 | 1,196 |
| Telephone penetration: 1/ | |
| 1984 | 93.5 |
| 1997 | 94.5 |
| 1998 | 95.4 |
| 1999 | 96.3 |
| 2000 | 94.7 |
| July 2001 2/ | 96.9 |
| November 2002 2/ | 96.9 |
| 2003 | 97.3 |
| 2004 | 95.4 |
| 2005 | 94.8 |
| Mobile wireless telephone subscribers: | |
| Dec. 1999 | 288,425 |
| June 2000 | 454,364 |
| Dec. 2000 | 524,291 |
| June 2001 | 543,283 |
| Dec. 2001 | 595,721 |
| June 2002 | 640,247 |
| Dec. 2002 | 689,857 |
| June 2003 | 732,262 |
| Dec. 2003 | 771,023 |
| June 2004 | 819,262 |
| Dec. 2004 | 880,965 |
| June 2005 | 935,189 |
| Dec. 2005 | 983,998 |
| June 2006 | 1,011,076 |

1/ Annual average percentage of households with telephone service.

2/ Percentage of households with telephone service (not annual average).

Source: Federal Communications Commission, *Trends in Telephone Service*, various issues. See <http://hraunfoss.fcc.gov/edocs_public/attachmatch/DOC-270407A1.pdf> accessed April 30, 2007.

**Table 16.07-- PERCENT OF HOUSEHOLDS WITH A TELEPHONE,
COMPUTER, AND INTERNET USE: 1997 TO 2003**

| Year | Telephone | | Computer | | Internet use | |
|------|-----------|--------|----------|--------|--------------|--------|
| | U.S. | Hawaii | U.S. | Hawaii | U.S. | Hawaii |
| 1997 | 93.8 | 94.1 | 36.6 | 34.6 | 18.6 | (NA) |
| 1998 | 94.1 | 93.2 | 42.1 | 42.3 | 26.2 | 27.9 |
| 2000 | (NA) | (NA) | 51.0 | 52.4 | 41.5 | 43.0 |
| 2001 | (NA) | (NA) | 56.5 | 63.1 | 50.5 | 55.2 |
| 2003 | (NA) | (NA) | 61.8 | 63.3 | 54.6 | 55.0 |

NA Not available.

Source: National Telecommunications and Information Administration, *Falling Through the Net: Defining the Digital Divide*, July 8, 1999; *Falling Through the Net II: New Data on the Digital Divide*, July 1998 <<http://www.ntia.doc.gov/ntiahome/digitaldivide>>; *Falling Through the Net: Toward Digital Inclusion*, October 2000 <<http://www.ntia.doc.gov/ntiahome/fttn00/Falling.htm>>; *A Nation Online: How Americans are Expanding Their Use of the Internet*, February 2002, <<http://www.ntia.doc.gov/ntiahome/dn/hhs/TableH1.htm>> and <<http://www.ntia.doc.gov/ntiahome/dn/hhs/TableH2.htm>> accessed November 14, 2003; *A Nation Online: Entering the Broadband Age*, September 2004, <<http://www.ntia.doc.gov/reports/anol/index.html>> accessed June 10, 2005 and U.S. Census Bureau, *Statistical Abstract of the United States: 2004-2005* (p. 732).

**Table 16.08-- CABLE TELEVISION SYSTEMS, SUBSCRIBERS,
AND REVENUES, BY COUNTY: 2000 TO 2007**

[As of December 31]

| Category and year | State | County | | | |
|---------------------------------|---------|--------|--------|----------|--------|
| | | Hawaii | Maui | Honolulu | Kauai |
| Number of systems | | | | | |
| 2000 | 9 | 3 | 3 | 1 | 2 |
| 2001 | 9 | 3 | 3 | 1 | 2 |
| 2002 | 9 | 3 | 3 | 1 | 2 |
| 2003 | 1/ 6 | 2 | 2 | 1 | 1 |
| 2004 | 1/ 6 | 2 | 2 | 1 | 1 |
| 2005 | 1/ 6 | 2 | 2 | 1 | 1 |
| 2006 | 1/ 6 | 2 | 2 | 1 | 1 |
| 2007 | 1/ 6 | 2 | 2 | 1 | 1 |
| Subscribers | | | | | |
| 2000 | 363,801 | 34,974 | 47,695 | 262,681 | 18,451 |
| 2001 | 368,424 | 36,436 | 48,442 | 264,871 | 18,675 |
| 2002 | 377,652 | 37,741 | 49,202 | 269,681 | 21,028 |
| 2003 | 383,342 | 37,921 | 49,918 | 274,416 | 21,087 |
| 2004 | 389,498 | 38,991 | 50,814 | 278,336 | 21,357 |
| 2005 | 394,184 | 38,955 | 51,626 | 282,225 | 21,378 |
| 2006 | 407,299 | 46,274 | 52,937 | 284,038 | 24,050 |
| 2007 | 411,957 | 47,959 | 54,637 | 285,811 | 23,550 |
| Basic service revenue (\$1,000) | | | | | |
| 2000 | 112,831 | 13,717 | 14,409 | 78,158 | 6,547 |
| 2001 | 123,083 | 14,482 | 15,761 | 85,830 | 7,010 |
| 2002 | 130,675 | 15,016 | 16,809 | 91,301 | 7,549 |
| 2003 | 137,325 | 15,821 | 18,012 | 95,401 | 8,091 |
| 2004 | 145,527 | 16,722 | 18,903 | 101,318 | 8,582 |
| 2005 | 153,095 | 17,883 | 19,861 | 106,248 | 9,102 |
| 2006 | 161,329 | 19,181 | 20,997 | 111,308 | 9,842 |
| 2007 | 168,551 | 20,478 | 22,066 | 115,633 | 10,373 |

1/ Although 6 systems, only 1 cable operator (Oceanic Time Warner Cable of Hawaii).

Source: Hawaii State Department of Commerce and Consumer Affairs, Cable Television Division, records.

Table 16.09-- RADIO AND TELEVISION BROADCASTING STATIONS IN OPERATION, 1925 TO 2008, AND BY COUNTY, 2008

| Date and county | Commercial | | | Public or educational | | |
|-----------------|------------|----|-------|-----------------------|----|-------|
| | AM | FM | TV 1/ | AM | FM | TV 1/ |
| 1925: January 1 | 2 | - | - | - | - | - |
| 1930: January 1 | 1 | - | - | - | - | - |
| 1935: January 1 | 2 | - | - | - | - | - |
| 1940: January 1 | 3 | - | - | - | - | - |
| 1945: January 1 | 4 | - | - | - | - | - |
| 1950: June 7 | 12 | - | - | - | - | - |
| 1955: January 1 | 13 | 1 | 3 | - | 1 | - |
| 1960: January 1 | 17 | 1 | 7 | - | 2 | - |
| 1965: January 1 | 23 | 2 | 10 | - | - | - |
| 1970: January 1 | 25 | 4 | 10 | - | 1 | 2 |
| 1975: January 1 | 26 | 5 | 10 | - | 1 | 2 |
| 1980: January 1 | 25 | 10 | 10 | - | 1 | 2 |
| 1985: June 30 | 26 | 17 | 13 | - | 2 | 2 |
| 1990: June 30 | 28 | 21 | 19 | - | 3 | 2 |
| 1995: June 30 | 29 | 33 | 20 | 1 | 3 | 2 |
| 2000 | 28 | 40 | 23 | 1 | 7 | 2 |
| 2001 | 28 | 40 | 23 | 1 | 7 | 2 |
| 2002 | 31 | 45 | 23 | 1 | 8 | 2 |
| 2005: June 14 | 32 | 46 | 25 | - | 9 | 2 |
| 2006: June 20 | 31 | 45 | 25 | - | 10 | 2 |
| 2007: June 19 | 31 | 47 | 25 | - | 11 | 2 |
| 2008: June 16 | 31 | 53 | 25 | - | 11 | 2 |
| COUNTY: 2008 | | | | | | |
| Hawaii | 7 | 17 | 6 | - | 3 | - |
| Maui | 4 | 12 | 5 | - | 1 | 1 |
| Honolulu | 18 | 17 | 14 | - | 4 | 1 |
| Kauai | 2 | 7 | - | - | 3 | - |

1/ Includes satellites but excludes translators and cable television.

Source: Robert C. Schmitt, *Historical Statistics of Hawaii* (University Press of Hawaii, 1977), p. 482; Federal Communications Commission, Field Operations Bureau, Honolulu, records; R.R. Bowker, *Working Press of the Nation*, Vol. 3, TV & Radio Directory, annual (for 2000-2002) and Federal Communications Commission, Media Bureau, Internet Queries (for 2005-08), <<http://www.fcc.gov/mb/>> accessed June 16, 2008.

Table 16.10-- NUMBER OF DAILY NEWSPAPERS, BY PLACE OF PUBLICATION AND LANGUAGE: 1975 TO 1999

[The earliest daily newspaper in Hawaii, *The Daily Hawaiian Herald*, first appeared September 4, 1866 and was discontinued December 21, 1866. Permanent dailies were initially published in 1882. Five-year statistics from 1885 to 1975 appear in *Historical Statistics of Hawaii* (1977), table 18.5]

| Subject | 1975 | 1980 | 1985 | 1990 | 1995 | 1999 |
|-----------------------|------|------|------|------|------|------|
| Totals | 7 | 6 | 9 | 9 | 10 | 11 |
| Language: | | | | | | |
| Chinese | 2 | 1 | 1 | 1 | 1 | 1 |
| English | 3 | 3 | 6 | 6 | 6 | 6 |
| Hawaiian | - | - | - | - | - | - |
| Japanese 1/ | 2 | 2 | 1 | 1 | 1 | 1 |
| Korean | - | - | 1 | 1 | 2 | 3 |
| Place of publication: | | | | | | |
| Honolulu, Oahu | 6 | 5 | 5 | 5 | 6 | 7 |
| Hilo, Hawaii | 1 | 1 | 1 | 1 | 1 | 1 |
| Kailua-Kona, Hawaii | - | - | 1 | 1 | 1 | 1 |
| Lihue, Kauai | - | - | 1 | 1 | 1 | 1 |
| Wailuku, Maui | - | - | 1 | 1 | 1 | 1 |

1/ Includes English section.

Source: Aloha United Way, *Hawaii Media Guide* for 1977-1985; *Hawaii All-Media Publicity Guide*, 1987, 1991, 1996 and 1997; Helen G. Chapin, *Guide to Newspapers of Hawai'i 1834-2000* (Hawaiian Historical Society, 2000).

Table 16.11-- NUMBER OF NEWSPAPERS, TOTAL AND DAILY: 1834 TO 2000

| Year | Total | Daily | Year | Total | Daily |
|---------|-------|-------|------|-------|-------|
| 1834 1/ | 2 | - | 1920 | 56 | 11 |
| 1835 | 1 | - | 1925 | 52 | 7 |
| 1840 | 2 | - | 1930 | 61 | 6 |
| 1845 | 5 | - | 1935 | 62 | 8 |
| 1850 | 4 | - | 1940 | 70 | 7 |
| 1855 | 5 | - | 1945 | 82 | 8 |
| 1860 | 9 | - | 1950 | 91 | 7 |
| 1865 | 5 | - | 1955 | 100 | 7 |
| 1870 | 11 | - | 1960 | 102 | 7 |
| 1875 | 7 | - | 1965 | 102 | 7 |
| 1880 | 10 | - | 1970 | 132 | 7 |
| 1885 | 20 | 4 | 1975 | 140 | 7 |
| 1890 | 20 | 5 | 1980 | 152 | 6 |
| 1895 | 35 | 7 | 1985 | 140 | 9 |
| 1900 | 43 | 8 | 1990 | 149 | 9 |
| 1905 | 50 | 11 | 1995 | 152 | 10 |
| 1910 | 54 | 7 | 2000 | 135 | 10 |
| 1915 | 48 | 8 | | | |

1/ The two earliest newspapers in Hawaii were both established in 1834.

Source: Robert C. Schmitt, *Historical Statistics of Hawaii* (The University Press of Hawaii, 1977), table 18.5; Helen G. Chapin, *Guide to Newspapers of Hawai'i 1834-2000* (Hawaiian Historical Society, 2000), pp. 127-226.

**Table 16.12-- AVERAGE PAID CIRCULATION OF DAILY AND SUNDAY
ENGLISH-LANGUAGE NEWSPAPERS: 2003-2004 TO 2006-2007**

[Averages for 12-month periods ended in March. Foreign-language daily newspapers, not included in this table, are the *Hawaii Hochi*, Japanese and English; *The Joong-Ang Daily News*, *Korea Times/Han Kook Ilbo* and *Korea Central Daily*, Korean; and *United Chinese Press*, Chinese]

| Newspaper | 2003-2004 | 2004-2005 | 2005-2006 | 2006-2007 |
|---|------------------|------------------|------------------|------------------|
| Daily | | | | |
| <i>The Honolulu Advertiser</i> 1/ | 143,983 | 143,271 | 143,740 | 142,651 |
| <i>Honolulu Star-Bulletin</i> 2/ | 60,331 | 64,041 | 65,167 | 64,073 |
| <i>Hawaii Tribune-Herald</i> (Hilo) 3/ | (NA) | (NA) | (NA) | (NA) |
| <i>West Hawaii Today</i> (Kailua-Kona) 3/ | 12,369 | (NA) | (NA) | (NA) |
| <i>Maui News</i> (Wailuku) 4/ | (NA) | (NA) | (NA) | (NA) |
| <i>Garden Island</i> (Lihue) 5/ | 8,488 | 8,879 | (NA) | (NA) |
| Sunday morning | | | | |
| <i>The Honolulu Advertiser</i> | 165,481 | 162,388 | 158,304 | 156,003 |
| <i>Honolulu Star Bulletin</i> | 64,685 | 61,688 | 62,443 | 60,158 |
| <i>Hawaii Tribune-Herald</i> (Hilo) | (NA) | (NA) | (NA) | (NA) |
| <i>West Hawaii Today</i> (Kailua-Kona) | 15,965 | (NA) | (NA) | (NA) |
| <i>Maui News</i> (Wailuku) | (NA) | (NA) | (NA) | (NA) |
| <i>Garden Island</i> (Lihue) | 9,156 | 9,250 | (NA) | (NA) |

NA Not available.

1/ Morning and afternoon, Monday through Saturday. The afternoon edition began on March 15, 2001.

2/ Afternoon, Monday through Saturday. New owner Oahu Publications began to publish on March 15, 2001. Morning, midday, and final editions, different areas, Monday through Saturday. The Sunday edition began on April 1, 2001.

3/ Morning, Monday through Sunday effective June 4, 2004.

4/ Afternoon, Monday through Friday. The *Maui News* became a morning paper on July 24, 2000. The Saturday edition began on March 10, 2001.

5/ Afternoon, Monday through Friday. As of September 2000, a Saturday morning edition. As of October 2001, morning, Monday through Saturday.

Source: Data provided by newspaper publishers to Hawaii State Department of Business, Economic Development & Tourism.

**Table 16.13-- POSTAGE RATES AND NEWSPAPER PRICES, FOR HONOLULU:
1990 TO 2008**

[In cents. As of July 1]

| Year | Domestic first-class postage rates | | | Newspaper price 1/ | | |
|------|------------------------------------|------------------|-----------------------|--------------------|--------------------------------|-------------------------------|
| | Letters | | Postal and post cards | Daily | Sunday | |
| | First ounce | Each added ounce | | | <i>The Honolulu Advertiser</i> | <i>Honolulu Star-Bulletin</i> |
| 1990 | 25 | 20 | 15 | 35 | 125 | (X) |
| 1991 | 29 | 23 | 19 | 35 | 125 | (X) |
| 1992 | 29 | 23 | 19 | 35 | 150 | (X) |
| 1993 | 29 | 23 | 19 | 50 | 150 | (X) |
| 1994 | 29 | 23 | 19 | 50 | 150 | (X) |
| 1995 | 32 | 23 | 20 | 50 | 150 | (X) |
| 1996 | 32 | 23 | 20 | 50 | 175 | (X) |
| 1997 | 32 | 23 | 20 | 50 | 175 | (X) |
| 1998 | 32 | 23 | 20 | 50 | 175 | (X) |
| 1999 | 33 | 22 | 20 | 50 | 175 | (X) |
| 2000 | 33 | 22 | 20 | 50 | 175 | (X) |
| 2001 | 34 | 23 | 21 | 50 | 175 | (X) |
| 2002 | 37 | 23 | 23 | 50 | 175 | 75 |
| 2003 | 37 | 23 | 23 | 50 | 175 | 75 |
| 2004 | 37 | 23 | 23 | 50 | 175 | 75 |
| 2005 | 37 | 23 | 23 | 50 | 175 | 75 |
| 2006 | 39 | 24 | 24 | 50 | 175 | 75 |
| 2007 | 41 | 2/ 17 | 26 | 50 | 175 | 75 |
| 2008 | 42 | 2/ 17 | 27 | 50 | 175 | 75 |

X Not applicable.

1/ Street sales, for *The Honolulu Advertiser* (daily, Oahu, all years), *Honolulu Star-Bulletin* (daily, all years), the *Sunday Star-Bulletin and Advertiser* (through February 27, 1993), and the *Sunday The Honolulu Advertiser* (beginning March 7, 1993). *The Honolulu Star-Bulletin*, under new owner Oahu Publications, began to publish on March 15, 2001, with the first Sunday edition on April 1, 2001.

2/ For weight not over 2 ounces \$0.59, for weight not over 3 ounces \$0.76, for weight not over 3.5 ounces \$0.93, and for weights over 3.5 ounces flat-size rates are used.

Source: Postal rates from U.S. Census Bureau, *Statistical Abstract of the United States: 2002*, table 1094, and U.S. Postal Service, *Rates and Fees*, see also <<http://www.usps.com/rates/welcome.htm>>.

Newspaper rates from *The Honolulu Advertiser* and Oahu Publications and Hawaii State Department of Business, Economic Development & Tourism survey.

**Table 16.14-- BOOKS AND SCHOLARLY JOURNALS PUBLISHED BY THE
UNIVERSITY OF HAWAII PRESS: 1991 TO 2007**

| Year | Published titles 1/ | | New books and journals published 2/ | | Volumes sold 2/ | Book sales revenues 2/ (dollars) |
|------|---------------------|----------|-------------------------------------|--------------------|-----------------|----------------------------------|
| | Cumulative total 3/ | In print | Books | Scholarly journals | | |
| 1991 | 1,024 | 705 | 53 | 12 | 365,790 | 2,721,480 |
| 1992 | 1,072 | 717 | 48 | 12 | 350,274 | 2,611,388 |
| 1993 | 1,123 | 738 | 51 | 12 | 354,063 | 2,859,494 |
| 1994 | 1,183 | 772 | 60 | 13 | 378,807 | 2,960,051 |
| 1995 | 1,257 | 790 | 74 | 13 | 385,673 | 3,014,268 |
| 1996 | 1,323 | 823 | 54 | 12 | 374,168 | 2,896,316 |
| 1997 | 1,402 | 833 | 65 | 12 | 322,378 | 3,182,690 |
| 1998 | 1,486 | 818 | 84 | 12 | 290,199 | 3,042,984 |
| 1999 | 1,572 | 897 | 83 | 12 | 272,407 | 3,365,336 |
| 2000 | 1,650 | 930 | 82 | 12 | 320,509 | 3,340,336 |
| 2001 | 1,748 | 1,003 | 84 | 12 | 316,978 | 3,583,534 |
| 2002 | 1,854 | 1,063 | 93 | 13 | 299,272 | 3,632,013 |
| 2003 | 1,948 | 1,113 | 83 | 14 | 310,407 | 3,221,852 |
| 2004 | 2,052 | 1,169 | 88 | 14 | 307,481 | 3,769,678 |
| 2005 | 2,143 | 1,209 | 78 | 13 | 282,093 | 3,595,126 |
| 2006 | 2,233 | 1,294 | 78 | 14 | 321,672 | 4,002,717 |
| 2007 | 2,323 | 1,289 | 80 | 14 | 283,047 | 3,719,467 |

1/ As of June 30. Excludes journals.

2/ Year ending June 30.

3/ Includes books and other media, but not journals.

Source: The University of Hawaii Press, *Annual Report* and records.

Section 17

ENERGY AND SCIENCE

This section presents statistics on fuel resources, energy production and consumption, the electric and gas utility industries, research and development, and scientific, engineering, and technological resources. Related series are cited in Sections 12 (utility employment), 14 (prices), and 18 (gasoline consumption).

Information on energy and science can be obtained from reports and records of the U.S. Department of Energy; U.S. Patent and Trademark Office; U.S. Bureau of Labor Statistics; National Science Foundation; Hawaii State Department of Taxation; Hawaii State Department of Commerce and Consumer Affairs; Hawaii State Department of Business, Economic Development & Tourism, Strategic Industries Division; University of Hawaii, Institute of Astronomy; and individual utility companies. *Historical Statistics of Hawaii*, Section 19, presents data for earlier years. Data for the nation as a whole can be found in the *Statistical Abstract of the United States: 2008*, Sections 16 and 19.

Table
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**Table 17.01-- CONSUMPTION OF ENERGY, BY SOURCE
(PHYSICAL UNITS): 1960 TO 2005**

| Year | Coal 1/ (1,000 short tons) | Natural gas 2/ (billion cubic feet) | Petroleum (1,000 barrels) | Hydroelectric power 3/ (million kWh) |
|------|-------------------------------|--|------------------------------|--|
| 1960 | - | - | 16,844 | 27 |
| 1965 | - | - | 22,478 | 105 |
| 1970 | - | - | 34,105 | 108 |
| 1975 | - | - | 37,097 | 89 |
| 1980 | - | 3 | 43,562 | 86 |
| 1985 | 46 | 2 | 40,006 | 86 |
| 1990 | 29 | 3 | 50,015 | 80 |
| 1991 | 45 | 3 | 45,758 | 71 |
| 1992 | 303 | 3 | 46,655 | 61 |
| 1993 | 691 | 3 | 41,392 | 56 |
| 1994 | 704 | 3 | 44,843 | 139 |
| 1995 | 895 | 3 | 43,842 | 98 |
| 1996 | 930 | 3 | 41,631 | 104 |
| 1997 | 933 | 3 | 39,824 | 115 |
| 1998 | 822 | 3 | 40,484 | 121 |
| 1999 | 801 | 3 | 39,662 | 115 |
| 2000 | 816 | 3 | 40,591 | 103 |
| 2001 | 829 | 3 | 41,479 | 101 |
| 2002 | 748 | 3 | 45,068 | 95 |
| 2003 | 837 | 3 | 46,963 | 91 |
| 2004 | 857 | 3 | 49,029 | 94 |
| 2005 | 805 | 3 | 51,262 | 96 |

1/ The continuity of these data series estimates may be affected by changing data sources and estimation methodologies.

2/ Includes supplemental gaseous fuels.

3/ Includes hydroelectric pumped storage and conventional hydroelectric power.

Source: U.S. Department of Energy, Energy Information Administration, *State Energy Data 2005*
<http://www.eia.doe.gov/emeu/states/sep_use/total/pdf/use_hi.pdf> table 7 accessed April 3, 2008.

Table 17.02-- CONSUMPTION OF ENERGY, BY SOURCE: 1960 TO 2005

[Trillion Btu]

| Year | Total | Coal 1/ | Natural gas 2/ | Petro-leum | Hydro-electric power 3/ | Biomass 1/ 4/ | Other 1/ 5/ |
|------|----------|---------|----------------|------------|-------------------------|---------------|-------------|
| 1960 | 94.9 | 0.0 | 0.0 | 94.6 | 0.3 | 0.0 | 0.0 |
| 1965 | 130.6 | 0.0 | 0.0 | 129.3 | 1.1 | 0.2 | 0.0 |
| 1970 | 197.0 | 0.0 | 0.0 | 195.4 | 1.1 | 0.4 | 0.0 |
| 1975 | 214.4 | 0.0 | 0.0 | 212.9 | 0.9 | 0.6 | 0.0 |
| 1980 | 265.4 | 0.0 | 3.0 | 249.6 | 0.9 | 11.9 | 0.0 |
| 1985 | 251.4 | 1.1 | 2.7 | 232.1 | 0.9 | 14.2 | 0.4 |
| 1990 | 6/ 324.4 | 0.7 | 3.0 | 292.7 | 0.8 | 6/ 25.9 | 6/ 1.2 |
| 1991 | 298.1 | 1.1 | 2.9 | 266.5 | 0.7 | 25.4 | 1.4 |
| 1992 | 308.9 | 6.8 | 2.9 | 272.4 | 0.6 | 24.9 | 1.3 |
| 1993 | 287.6 | 15.6 | 2.8 | 239.7 | 0.6 | 24.4 | 4.5 |
| 1994 | 304.3 | 15.7 | 2.9 | 258.3 | 1.4 | 20.7 | 5.2 |
| 1995 | 302.5 | 19.9 | 2.9 | 252.6 | 1.0 | 19.8 | 6.3 |
| 1996 | 288.7 | 20.4 | 2.8 | 238.9 | 1.1 | 19.1 | 6.6 |
| 1997 | 278.9 | 20.5 | 2.7 | 230.5 | 1.2 | 17.4 | 6.6 |
| 1998 | 278.8 | 18.2 | 2.8 | 233.4 | 1.2 | 16.5 | 6.5 |
| 1999 | 274.6 | 17.7 | 2.9 | 229.9 | 1.2 | 17.0 | 6.0 |
| 2000 | 279.1 | 17.7 | 3.0 | 235.2 | 1.1 | 15.2 | 7.1 |
| 2001 | 7/ 279.0 | 17.8 | 2.9 | 239.8 | 1.0 | 7/ 11.7 | 5.7 |
| 2002 | 7/ 292.1 | 16.6 | 2.9 | 259.2 | 1.0 | 7/ 9.5 | 2.9 |
| 2003 | 7/ 310.0 | 19.3 | 2.9 | 270.1 | 0.9 | 7/ 11.7 | 5.2 |
| 2004 | 323.5 | 19.3 | 2.9 | 282.6 | 0.9 | 11.8 | 6.0 |
| 2005 | 333.4 | 18.0 | 2.9 | 295.2 | 1.0 | 10.1 | 6.3 |

1/ The continuity of these data series estimates may be affected by changing data sources and estimation methodologies.

2/ Includes supplemental gaseous fuels.

3/ Includes hydroelectric pumped storage and conventional hydroelectric power.

4/ Wood and waste.

5/ "Other" is geothermal, wind, photovoltaic, solar thermal energy and net imports of electricity.

6/ There is a discontinuity between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

7/ Revised from previous *Data Book*.

Source: U.S. Department of Energy, Energy Information Administration, *State Energy Data 2005* <http://www.eia.doe.gov/emeu/states/sep_use/total/pdf/use_hi.pdf> table 7 accessed April 3, 2008.

**Table 17.03-- CONSUMPTION OF ENERGY BY END-USE SECTOR:
1960 TO 2005**

[Trillion Btu]

| Year | Residential | Commercial 1/ | Industrial | Transportation | Electric power 2/ |
|------|-------------|---------------|------------|----------------|-------------------|
| 1960 | 7.3 | 5.2 | 20.6 | 61.8 | 17.6 |
| 1965 | 10.1 | 6.8 | 34.7 | 79.0 | 27.6 |
| 1970 | 16.4 | 11.6 | 43.7 | 125.3 | 43.2 |
| 1975 | 19.6 | 13.8 | 50.4 | 130.5 | 58.8 |
| 1980 | 23.2 | 20.8 | 74.7 | 146.7 | 69.7 |
| 1985 | 20.9 | 20.2 | 67.4 | 3/ 142.9 | 70.0 |
| 1990 | 4/ 31.6 | 4/ 39.3 | 4/ 98.9 | 154.5 | 4/ 105.9 |
| 1991 | 27.0 | 30.8 | 89.0 | 151.2 | 88.7 |
| 1992 | 31.1 | 40.0 | 93.7 | 144.1 | 99.3 |
| 1993 | 30.8 | 33.2 | 93.1 | 130.4 | 101.1 |
| 1994 | 31.9 | 37.7 | 94.7 | 140.0 | 104.3 |
| 1995 | 32.8 | 37.5 | 94.1 | 138.2 | 108.0 |
| 1996 | 33.6 | 36.8 | 96.7 | 121.6 | 110.0 |
| 1997 | 33.9 | 37.7 | 90.1 | 117.2 | 110.0 |
| 1998 | 34.8 | 47.3 | 82.1 | 114.6 | 108.2 |
| 1999 | 34.3 | 37.8 | 79.4 | 123.1 | 108.9 |
| 2000 | 35.3 | 39.0 | 79.6 | 125.2 | 111.3 |
| 2001 | 34.8 | 38.7 | 5/ 73.4 | 132.0 | 109.4 |
| 2002 | 36.9 | 41.0 | 5/ 72.4 | 141.8 | 113.7 |
| 2003 | 36.2 | 42.1 | 5/ 68.2 | 163.6 | 113.3 |
| 2004 | 36.6 | 47.4 | 67.7 | 171.7 | 113.4 |
| 2005 | 37.1 | 45.4 | 71.5 | 179.4 | 112.4 |

1/ Small amounts of solar thermal and photovoltaic energy consumed in the commercial sector cannot be separately identified and are included in residential consumption.

2/ Replaces Electric Utilities of previous years.

3/ There is a discontinuity between 1980 and 1981 due to the expanded coverage of renewable energy sources beginning in 1981.

4/ There is a discontinuity between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

5/ Revised from previous *Data Book*.

Source: U.S. Department of Energy, Energy Information Administration, *State Energy Data 2005* <http://www.eia.doe.gov/emeu/states/sep_use/total/pdf/use_hi.pdf> tables 8, 9, 10, 11 and 12 accessed April 3, 2008.

Table 17.04-- PRIMARY ENERGY CONSUMPTION AND ELECTRICITY SALES, TOTAL AND PER CAPITA: 1991 TO 2006

| Year | Primary energy consumption | | Electricity sales by utilities | |
|---------|----------------------------|--------------------------------|--------------------------------|------------------------|
| | Total (trillion Btu) | Per capita 1/ (million Btu) | Total (1,000 kWh) | Per capita 1/ (kWh) |
| 1991 | 322.9524 | 257.895 | 8,564,032 | 6,839 |
| 1992 | 339.0912 | 266.652 | 8,666,889 | 6,815 |
| 1993 | 307.7465 | 242.731 | 8,657,903 | 6,829 |
| 1994 | 327.4778 | 253.897 | 8,948,458 | 6,938 |
| 1995 | 315.1186 | 242.754 | 9,187,430 | 7,078 |
| 1996 | 315.9492 | 242.308 | 9,378,962 | 7,193 |
| 1997 | 315.9927 | 237.959 | 9,345,281 | 7,037 |
| 1998 | 302.8773 | 227.023 | 9,261,070 | 6,942 |
| 1999 | 308.4009 | 231.455 | 9,379,808 | 7,040 |
| 2000 2/ | 325.2151 | 243.680 | 9,690,598 | 7,261 |
| 2001 2/ | 304.6372 | 228.518 | 9,776,882 | 7,334 |
| 2002 2/ | 306.2823 | 227.434 | 9,958,768 | 7,395 |
| 2003 2/ | 320.3960 | 236.768 | 10,206,405 | 7,542 |
| 2004 2/ | 324.0634 | 235.974 | 10,508,642 | 7,652 |
| 2005 2/ | 324.5542 | 232.981 | 10,538,507 | 7,565 |
| 2006 3/ | 318.7241 | 226.428 | 10,567,913 | 7,508 |

1/ Based on estimated de facto population.

2/ Revised from previous *Data Book*.

3/ Preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism, Strategic Industries Division, Energy Branch, records.

**Table 17.05-- PRIMARY ENERGY CONSUMPTION, BY SOURCE:
1990 TO 2006**

[Trillion Btu]

| Year | Total | Petroleum | Biomass | Solar hot water |
|---------|----------|-----------|---------|-----------------|
| 1990 | 312.1304 | 284.4906 | 18.1200 | 2.3400 |
| 1991 | 322.9524 | 294.6222 | 17.9000 | 2.3000 |
| 1992 | 339.0912 | 305.7758 | 16.9840 | 2.3000 |
| 1993 | 307.7465 | 266.9516 | 16.8310 | 2.3000 |
| 1994 | 327.4778 | 285.5010 | 16.3660 | 2.3000 |
| 1995 | 315.1186 | 273.9590 | 11.8232 | 2.8386 |
| 1996 | 315.9492 | 277.1298 | 10.3994 | 3.1225 |
| 1997 | 315.9927 | 278.3480 | 8.9527 | 3.1225 |
| 1998 | 302.8773 | 269.1272 | 7.5220 | 3.1225 |
| 1999 | 308.4009 | 272.4720 | 9.2784 | 3.5483 |
| 2000 | 325.2151 | 290.2354 | 7.1331 | 3.5483 |
| 2001 | 304.6372 | 273.7797 | 3.4243 | 3.6792 |
| 2002 | 306.2823 | 272.8375 | 5.5584 | 4.0214 |
| 2003 | 320.3960 | 284.4207 | 6.0847 | 4.0687 |
| 2004 | 324.0634 | 287.7538 | 6.1256 | 4.3053 |
| 2005 | 324.5542 | 291.5014 | 5.2839 | 4.4945 |
| 2006 1/ | 318.7241 | 283.6873 | 5.5054 | 4.6364 |

| Year | Hydroelectric | Coal | Wind | Geothermal | Solid waste |
|---------|---------------|---------|--------|------------|-------------|
| 1990 | 1.0700 | 0.8900 | 0.2900 | - | 4.9298 |
| 1991 | 1.0000 | 0.8000 | 0.3060 | - | 6.0242 |
| 1992 | 0.7226 | 6.9207 | 0.2573 | 0.0168 | 6.1140 |
| 1993 | 0.8024 | 13.2237 | 0.2352 | 1.5988 | 5.8038 |
| 1994 | 1.5300 | 13.5599 | 0.2251 | 1.8060 | 6.1898 |
| 1995 | 1.0632 | 16.5249 | 0.2364 | 2.3045 | 6.3688 |
| 1996 | 1.1332 | 16.9294 | 0.2244 | 2.3566 | 4.6539 |
| 1997 | 0.9544 | 16.7772 | 0.1796 | 2.3633 | 5.2950 |
| 1998 | 0.7654 | 14.7665 | 0.2159 | 2.2782 | 5.0796 |
| 1999 | 1.2410 | 14.5187 | 0.1738 | 2.0255 | 5.1432 |
| 2000 | 0.9481 | 15.4724 | 0.1794 | 2.5855 | 5.1086 |
| 2001 | 1.0439 | 15.7719 | 0.1809 | 2.1356 | 4.6107 |
| 2002 | 1.0318 | 17.1440 | 0.1354 | 0.7637 | 4.7791 |
| 2003 | 0.7962 | 18.2279 | 0.1137 | 1.8181 | 4.8467 |
| 2004 | 0.9034 | 17.8472 | 0.0788 | 2.1765 | 4.8533 |
| 2005 | 1.1463 | 15.5778 | 0.0692 | 2.2801 | 4.2010 |
| 2006 1/ | 1.2983 | 15.8569 | 0.8466 | 2.1937 | 4.6995 |

1/ Preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism, Strategic Industries Division, Energy Branch, records.

Table 17.06-- ELECTRICITY GENERATION BY SOURCE: 1989 TO 2006

[Millions of kWh generated]

| Year | Total | Petroleum | Biomass | MSW 1/ | Hydroelectric |
|---------|--------|-----------|---------|--------|---------------|
| 1989 | 9,280 | 8,511 | 614 | - | 100 |
| 1990 | 9,566 | 8,589 | 538 | - | 105 |
| 1991 | 9,610 | 8,664 | 495 | - | 92 |
| 1992 | 10,104 | 8,556 | 460 | - | 67 |
| 1993 | 10,219 | 7,576 | 435 | 349 | 78 |
| 1994 | 10,341 | 7,793 | 423 | 379 | 148 |
| 1995 | 10,563 | 7,853 | 292 | 383 | 103 |
| 1996 | 10,742 | 8,027 | 270 | 326 | 110 |
| 1997 | 10,424 | 7,805 | 226 | 371 | 93 |
| 1998 5/ | 10,455 | 8,009 | 178 | 364 | 87 |
| 1999 | 10,719 | 8,144 | 333 | 361 | 113 |
| 2000 | 12,008 | 9,360 | 211 | 362 | 99 |
| 2001 | 10,839 | 8,449 | 153 | 275 | 109 |
| 2002 | 10,858 | 8,651 | 137 | 300 | 99 |
| 2003 | 10,978 | 8,548 | 174 | 338 | 71 |
| 2004 | 11,654 | 9,071 | 181 | 325 | 101 |
| 2005 | 11,676 | 9,135 | 174 | 337 | 111 |
| 2006 | 11,701 | 9,110 | 170 | 388 | 127 |

| Year | Geothermal | Wind | Coal | PV 2/ | Other 3/ |
|---------|------------|------|-------|-------|----------|
| 1989 | 14 | 41 | - | - | (4/) |
| 1990 | - | 28 | - | - | 306 |
| 1991 | - | 30 | - | - | 329 |
| 1992 | 1 | 21 | - | - | 999 |
| 1993 | 155 | 24 | 1,592 | (4/) | 10 |
| 1994 | 175 | 22 | 1,382 | (4/) | 19 |
| 1995 | 223 | 23 | 1,674 | (4/) | 12 |
| 1996 | 228 | 22 | 1,740 | (4/) | 19 |
| 1997 | 229 | 17 | 1,663 | (4/) | 20 |
| 1998 5/ | 220 | 21 | 1,553 | (4/) | 20 |
| 1999 | 196 | 13 | 1,541 | (4/) | 18 |
| 2000 | 250 | 17 | 1,695 | (4/) | 14 |
| 2001 | 207 | 18 | 1,616 | 6/ 1 | 12 |
| 2002 | 74 | 13 | 1,580 | - | 4 |
| 2003 | 176 | 13 | 1,658 | 6/ 2 | - |
| 2004 | 211 | 8 | 1,757 | 6/ 2 | - |
| 2005 | 221 | 7 | 1,691 | (4/) | - |
| 2006 | 212 | 82 | 1,612 | 6/ 2 | - |

Continued on next page.

Table 17.06-- ELECTRICITY GENERATION BY SOURCE: 1989 TO 2006 -- Con.

- 1/ Electricity generated from Honolulu municipal solid waste plant.
 - 2/ Electricity generated from photovoltaic.
 - 3/ From 1989 to 1992, includes electricity production by coal, geothermal (a test well which ceased operation in 1989), and photovoltaic.
 - 4/ Less than 500,000 kWh.
 - 5/ Preliminary
 - 6/ Data may not be complete.
- Source: Hawaii State Department of Business, Economic Development & Tourism, Energy, Resources and Technology Division, records; Hawaii State Department of Commerce and Consumer Affairs, records; Hawaii Agriculture Research Center, records.

**Table 17.07-- ELECTRICITY PRODUCTION, BY SOURCE, BY ISLAND:
2006**

[Million kWh]

| Island | Total | Petroleum | Biomass | MSW 1/ | Hydroelectric |
|---------------|--------------|-------------------|----------------|-----------------|----------------------|
| State total | 11,704 | 9,109 | 170 | 388 | 128 |
| Hawaii | 1,255 | 959 | - | - | 58 |
| Maui | 1,386 | 1,126 | 134 | - | 27 |
| Lanai | 30 | 30 | - | - | - |
| Molokai | 39 | 39 | - | - | - |
| Oahu | 8,495 | 6,507 | 28 | 388 | - |
| Kauai | 499 | 448 | 8 | - | 43 |
| Island | Wind | Geothermal | Coal | PV 2/ 3/ | Other |
| State total | 82 | 212 | 1,613 | 2 | - |
| Hawaii | 25 | 212 | - | 1 | - |
| Maui | 57 | - | 42 | - | - |
| Lanai | - | - | - | - | - |
| Molokai | - | - | - | - | - |
| Oahu | - | - | 1,571 | 1 | - |
| Kauai | - | - | - | (4/) | - |

1/ Electricity generated from Honolulu municipal solid waste plant.

2/ Electricity generated from photovoltaic.

3/ Data may not be complete.

4/ Less than 500,000 kWh.

Source: Hawaii State Department of Business, Economic Development & Tourism, Energy, Resources and Technology Division, records; Hawaii State Department of Commerce and Consumer Affairs, records.

Table 17.08 -- FUEL, ELECTRICITY, AND TOTAL ENERGY EXPENDITURES BY SOURCE: 1991 TO 2006

[Millions of dollars]

| Year | Total energy expenditures | Fuel expenditures | | | Plus: electricity expenditures by customers | Minus: electric utility fuel expenditures 1/ |
|---------|---------------------------|-------------------|------------------|---------|---|--|
| | | Total | Electric utility | Other | | |
| 1991 | 2,217.5 | 1,736.4 | 304.8 | 1,431.6 | 785.9 | 304.8 |
| 1992 | 2,340.3 | 1,760.0 | 238.2 | 1,521.8 | 818.5 | 238.2 |
| 1993 | 2,369.9 | 1,660.4 | 213.3 | 1,447.1 | 922.8 | 213.3 |
| 1994 | 2,397.0 | 1,642.5 | 201.4 | 1,441.1 | 955.9 | 201.4 |
| 1995 | 2,459.4 | 1,645.2 | 223.5 | 1,421.7 | 1,037.7 | 223.5 |
| 1996 | 2,712.0 | 1,843.9 | 268.9 | 1,575.0 | 1,137.0 | 268.9 |
| 1997 | 2,756.5 | 1,863.6 | 276.2 | 1,587.4 | 1,169.2 | 276.2 |
| 1998 | 2,442.9 | 1,580.2 | 210.9 | 1,369.3 | 1,073.6 | 210.9 |
| 1999 | 2,544.6 | 1,656.2 | 234.7 | 1,421.5 | 1,123.1 | 234.7 |
| 2000 | 3,305.5 | 2,339.9 | 394.2 | 1,945.7 | 1,359.8 | 394.2 |
| 2001 | 3,373.4 | 2,377.2 | 374.9 | 2,002.3 | 1,371.1 | 374.9 |
| 2002 | 3,078.5 | 2,073.0 | 333.5 | 1,739.5 | 1,339.0 | 333.5 |
| 2003 | 3,690.9 | 2,605.7 | 400.0 | 2,205.6 | 1,485.2 | 400.0 |
| 2004 | 4,346.1 | 3,213.9 | 524.5 | 2,689.4 | 1,656.8 | 524.5 |
| 2005 | 5,492.9 | 4,258.5 | 693.5 | 3,565.0 | 1,927.9 | 693.5 |
| 2006 2/ | 6,169.1 | 4,728.0 | 749.1 | 3,978.9 | 2,190.2 | 749.1 |

1/ Electric utility fuel expenditures are subtracted from the sum of total fuel expenditures and electricity expenditures by customers to avoid double counting when calculating total energy expenditures.

2/ Preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism, Strategic Industries Division, Energy Branch, records.

Table 17.09-- ELECTRIC UTILITIES: 1994 TO 2007

| Year | Customers, Dec. 31 | | | Power sold (1,000 kWh) | | |
|------|--------------------|----------------|--------|------------------------|----------------|-----------|
| | Total | Residential 1/ | Other | Total | Residential 1/ | Other |
| 1994 | 403,595 | 346,977 | 56,618 | 8,948,458 | 2,551,240 | 6,397,218 |
| 1995 | 409,983 | 352,589 | 57,394 | 9,187,430 | 2,597,010 | 6,590,419 |
| 1996 | 413,830 | 356,205 | 57,625 | 9,378,962 | 2,669,654 | 6,709,308 |
| 1997 | 415,964 | 358,683 | 57,281 | 9,345,281 | 2,659,248 | 6,686,033 |
| 1998 | 418,989 | 361,429 | 57,560 | 9,261,070 | 2,634,172 | 6,626,899 |
| 1999 | 424,603 | 366,273 | 58,330 | 9,379,808 | 2,683,408 | 6,696,400 |
| 2000 | 430,354 | 370,928 | 59,426 | 9,690,598 | 2,764,619 | 6,925,980 |
| 2001 | 436,150 | 376,054 | 60,096 | 9,776,882 | 2,802,432 | 6,974,450 |
| 2002 | 441,323 | 380,608 | 60,715 | 9,958,768 | 2,921,563 | 7,037,206 |
| 2003 | 449,354 | 387,162 | 62,192 | 10,206,405 | 3,024,509 | 7,181,897 |
| 2004 | 455,278 | 391,567 | 63,711 | 10,508,642 | 3,156,499 | 7,352,142 |
| 2005 | 463,088 | 398,332 | 64,756 | 10,538,507 | 3,164,029 | 7,374,478 |
| 2006 | 469,013 | 403,278 | 65,735 | 10,567,913 | 3,180,852 | 7,387,061 |
| 2007 | 475,104 | 408,923 | 66,181 | 10,585,038 | 3,200,675 | 7,384,363 |

| Year | Average annual use (kWh) 2/ | | Average rate (dollars per kWh) | | Revenues (\$1,000) | | |
|------|-----------------------------|---------|--------------------------------|---------|--------------------|----------------|-----------|
| | Residential 1/ | Other | Residential 1/ | Other | Total | Residential 1/ | Other |
| 1994 | 7,353 | 112,989 | 0.12464 | 0.09972 | 955,907 | 317,984 | 637,923 |
| 1995 | 7,366 | 114,828 | 0.13337 | 0.10490 | 1,037,702 | 346,359 | 691,343 |
| 1996 | 7,495 | 116,431 | 0.14272 | 0.11268 | 1,137,045 | 381,011 | 756,034 |
| 1997 | 7,414 | 116,723 | 0.14839 | 0.11584 | 1,169,134 | 394,603 | 774,531 |
| 1998 | 7,288 | 115,130 | 0.13884 | 0.10682 | 1,073,610 | 365,719 | 707,891 |
| 1999 | 7,326 | 114,802 | 0.14312 | 0.11037 | 1,123,126 | 384,043 | 739,083 |
| 2000 | 7,453 | 116,548 | 0.16409 | 0.13083 | 1,359,756 | 453,650 | 906,106 |
| 2001 | 7,452 | 116,055 | 0.16336 | 0.13095 | 1,371,113 | 457,797 | 913,317 |
| 2002 | 7,676 | 115,906 | 0.15703 | 0.12508 | 1,338,980 | 458,781 | 880,199 |
| 2003 | 7,812 | 115,479 | 0.16743 | 0.13629 | 1,485,234 | 506,399 | 978,835 |
| 2004 | 8,061 | 115,398 | 0.18031 | 0.14793 | 1,656,764 | 569,162 | 1,087,601 |
| 2005 | 7,943 | 113,881 | 0.20656 | 0.17280 | 1,927,872 | 653,568 | 1,274,304 |
| 2006 | 7,887 | 112,376 | 0.23358 | 0.19590 | 2,190,152 | 742,994 | 1,447,158 |
| 2007 | 7,827 | 111,578 | 0.24122 | 0.20061 | 2,253,432 | 772,065 | 1,481,368 |

1/ Residential refers to single-metered residential customers which may include condominiums for visitor use but excludes master-metered apartment and condominium buildings used by residents which are classified as commercial customers.

2/ Based on number of customers at end of year.

Source: Hawaii State Department of Commerce and Consumer Affairs, Division of Consumer Advocacy, records.

Table 17.10-- ELECTRIC UTILITIES, BY ISLAND: 2007

| Island | Customers, Dec. 31 | | | Gross System Peak 2/ | Power sold (1,000 kWh) | | |
|-------------|-----------------------------|----------------|--------------------------------|----------------------|------------------------|----------------|-----------|
| | Total | Residential 1/ | Other | (mW) | Total | Residential 1/ | Other |
| State total | 475,104 | 408,923 | 66,181 | (X) | 10,585,038 | 3,200,675 | 7,384,363 |
| Oahu | 294,591 | 260,583 | 34,008 | 1,261.0 | 7,675,355 | 2,134,536 | 5,540,819 |
| Hawaii | 78,983 | 65,305 | 13,678 | 207.6 | 1,162,684 | 451,386 | 711,298 |
| Kauai | 35,207 | 26,959 | 8,248 | 77.8 | 466,896 | 165,177 | 301,719 |
| Lanai | 1,697 | 1,431 | 266 | 5.5 | 30,736 | 8,465 | 22,271 |
| Maui | 61,485 | 52,066 | 9,419 | 209.3 | 1,213,611 | 428,414 | 785,197 |
| Molokai | 3,141 | 2,579 | 562 | 6.4 | 35,756 | 12,697 | 23,059 |
| Island | Average annual use (kWh) 3/ | | Average rate (dollars per kWh) | | Revenues (\$1,000) | | |
| | Residential 1/ | Other | Residential 1/ | Other | Total | Residential 1/ | Other |
| State total | 7,827 | 111,578 | 0.24122 | 0.20061 | 2,253,432 | 772,065 | 1,481,368 |
| Oahu | 8,191 | 162,927 | 0.20519 | 0.17014 | 1,380,726 | 437,993 | 942,733 |
| Hawaii | 6,912 | 52,003 | 0.32774 | 0.29910 | 360,684 | 147,935 | 212,749 |
| Kauai | 6,127 | 36,581 | 0.35612 | 0.34489 | 162,884 | 58,823 | 104,061 |
| Lanai | 5,915 | 83,726 | 0.32782 | 0.32809 | 10,081 | 2,775 | 7,307 |
| Maui | 8,228 | 83,363 | 0.28056 | 0.26337 | 326,991 | 120,197 | 206,794 |
| Molokai | 4,923 | 41,030 | 0.34197 | 0.33497 | 12,066 | 4,342 | 7,724 |

X Not applicable.

1/ Residential refers to single-metered residential customers which may include condominiums for visitor use but excludes master-metered apartment and condominium buildings used by residents which are classified as commercial customers.

2/ System peak is the maximum amount of energy required by the electrical system at a point in time. The island electrical systems are not interconnected, therefore, peaks are reported separately for each island.

3/ Based on number of customers at end of year.

Source: Hawaii State Department of Commerce and Consumer Affairs, Division of Consumer Advocacy, records.

Table 17.11-- GAS UTILITIES: 1994 TO 2007

[Excludes bottled gas]

| Year | Customers, Dec. 31 | | | Gas sold (1,000 therms) | | |
|------|--------------------|---------------------|-------|-------------------------|---------------------|--------|
| | Total | Residen- tial 1/ | Other | Total | Residen- tial 1/ | Other |
| 1994 | 36,403 | 32,753 | 3,650 | 34,010 | 5,851 | 28,159 |
| 1995 | 36,619 | 32,950 | 3,669 | 33,740 | 5,793 | 27,948 |
| 1996 | 36,641 | 33,020 | 3,621 | 33,531 | 5,642 | 27,888 |
| 1997 | 36,575 | 32,977 | 3,598 | 32,980 | 5,603 | 27,377 |
| 1998 | 36,225 | 32,630 | 3,595 | 33,095 | 5,702 | 27,393 |
| 1999 | 36,363 | 32,757 | 3,606 | 34,099 | 5,577 | 28,522 |
| 2000 | 36,404 | 32,804 | 3,600 | 34,820 | 5,477 | 29,343 |
| 2001 | 36,431 | 32,833 | 3,598 | 34,159 | 5,401 | 28,758 |
| 2002 | 36,236 | 32,629 | 3,607 | 33,974 | 5,357 | 28,617 |
| 2003 | 36,046 | 32,415 | 3,631 | 33,556 | 5,170 | 28,386 |
| 2004 | 36,049 | 32,413 | 3,636 | 34,241 | 5,087 | 29,154 |
| 2005 | 35,850 | 32,229 | 3,621 | 34,249 | 5,041 | 29,208 |
| 2006 | 35,793 | 32,164 | 3,629 | 34,340 | 4,983 | 29,357 |
| 2007 | 35,692 | 32,078 | 3,614 | 34,685 | 4,933 | 29,752 |

| Year | Average annual use (therms) 2/ | | Average rate (dollars per therm) | | Revenues (\$1,000) | | |
|------|-----------------------------------|-------|-------------------------------------|---------|-----------------------|---------------------|--------|
| | Residen- tial 1/ | Other | Residen- tial 1/ | Other | Total | Residen- tial 1/ | Other |
| 1994 | 179 | 7,715 | 1.71994 | 1.19455 | 43,700 | 10,064 | 33,637 |
| 1995 | 176 | 7,617 | 1.79670 | 1.25158 | 45,386 | 10,407 | 34,979 |
| 1996 | 171 | 7,702 | 2.10399 | 1.33578 | 49,124 | 11,872 | 37,252 |
| 1997 | 170 | 7,609 | 2.29075 | 1.40013 | 51,167 | 12,835 | 38,332 |
| 1998 | 175 | 7,620 | 2.16236 | 1.25934 | 46,826 | 12,329 | 34,497 |
| 1999 | 170 | 7,910 | 2.17266 | 1.24026 | 47,491 | 12,116 | 35,375 |
| 2000 | 167 | 8,151 | 2.45358 | 1.48560 | 57,031 | 13,439 | 43,592 |
| 2001 | 165 | 7,993 | 2.59225 | 1.56297 | 58,949 | 14,001 | 44,948 |
| 2002 | 164 | 7,934 | 2.87341 | 1.50635 | 58,500 | 15,393 | 43,107 |
| 2003 | 159 | 7,818 | 3.05760 | 1.71228 | 64,412 | 15,807 | 48,605 |
| 2004 | 157 | 8,018 | 3.23468 | 1.87938 | 71,245 | 16,453 | 54,792 |
| 2005 | 156 | 8,066 | 3.64213 | 2.26578 | 84,539 | 18,360 | 66,179 |
| 2006 | 155 | 8,090 | 3.87417 | 2.46238 | 91,593 | 19,305 | 72,288 |
| 2007 | 154 | 8,232 | 3.93554 | 2.52524 | 94,545 | 19,414 | 75,131 |

1/ Residential refers to single-metered residential customers which may include condominiums for visitor use but excludes master-metered apartment and condominium buildings used by residents which are classified as commercial customers.

2/ Based on number of customers at end of year.

Source: Hawaii State Department of Commerce and Consumer Affairs, Division of Consumer Advocacy, records.

Table 17.12-- GAS UTILITIES, BY ISLAND: 2007

[Excludes bottled gas]

| Island | Customers, December 31 | | | Gas sold (1,000 therms) | | |
|-------------|------------------------|----------------|-------|-------------------------|----------------|--------|
| | Total | Residential 1/ | Other | Total | Residential 1/ | Other |
| State total | 35,692 | 32,078 | 3,614 | 34,685 | 4,933 | 29,752 |
| Oahu | 32,649 | 29,413 | 3,236 | 31,346 | 4,459 | 26,887 |
| Hawaii | 1,794 | 1,494 | 300 | 2,429 | 288 | 2,141 |
| Kauai | 739 | 738 | 1 | 90 | 90 | - |
| Lanai | 12 | 12 | - | - | - | - |
| Maui | 418 | 341 | 77 | 807 | 83 | 724 |
| Molokai | 80 | 80 | - | 13 | 13 | - |

| Island | Average annual use (therms) 2/ | | Average rate (dollars per therm) | | Revenues (\$1,000) | | |
|-------------|--------------------------------|-------|----------------------------------|---------|--------------------|----------------|--------|
| | Residential 1/ | Other | Residential 1/ | Other | Total | Residential 1/ | Other |
| State total | 154 | 8,232 | 3.93554 | 2.52524 | 94,545 | 19,414 | 75,131 |
| Oahu | 152 | 8,309 | 3.90895 | 2.54688 | 85,908 | 17,430 | 68,478 |
| Hawaii | 193 | 7,137 | 4.36458 | 2.34563 | 6,279 | 1,257 | 5,022 |
| Kauai | 122 | - | 4.24444 | - | 383 | 382 | 1 |
| Lanai | - | - | - | - | 3 | 3 | - |
| Maui | 243 | 9,403 | 3.49398 | 2.25138 | 1,920 | 290 | 1,630 |
| Molokai | 163 | - | 4.00000 | - | 52 | 52 | - |

1/ Residential refers to single-metered residential customers which may include condominiums for visitor use but excludes master-metered apartment and condominium buildings used by residents which are classified as commercial customers.

2/ Based on number of customers at end of year.

Source: Hawaii State Department of Commerce and Consumer Affairs, Division of Consumer Advocacy, records.

**Table 17.13-- SERVICE PROVIDED BY HAWAIIAN ELECTRIC COMPANY, INC.,
ON OAHU: 1991 TO 2007**

| Year | Number of customers, Dec. 31 | | Net input 1/ (1,000 kWh) | Electricity sales (1,000 kWh) | Average annual residential use 2/ (kWh) | Average residential rate (dollars per kWh) | Generating capability Dec. 31 3/ (1000 kW) |
|------|------------------------------|------------------|-----------------------------|----------------------------------|--|---|--|
| | Total | Residential only | | | | | |
| 1991 | 255,176 | 223,304 | 6,876,964 | 6,538,952 | 7,610 | 0.09354 | 1,440 |
| 1992 | 257,442 | 225,229 | 7,061,157 | 6,650,449 | 7,711 | 0.09925 | 1,666 |
| 1993 | 263,478 | 230,192 | 7,029,839 | 6,607,424 | 7,581 | 0.11414 | 1,669 |
| 1994 | 264,992 | 232,115 | 7,222,978 | 6,797,364 | 7,681 | 0.11342 | 1,669 |
| 1995 | 269,307 | 235,905 | 7,359,195 | 6,962,794 | 7,732 | 0.12302 | 1,669 |
| 1996 | 271,602 | 237,860 | 7,499,202 | 7,091,147 | 7,868 | 0.12944 | 1,669 |
| 1997 | 271,801 | 238,825 | 7,424,259 | 7,040,291 | 7,773 | 0.13360 | 1,669 |
| 1998 | 272,675 | 239,945 | 7,299,149 | 6,938,326 | 7,603 | 0.12556 | 1,669 |
| 1999 | 275,467 | 242,579 | 7,356,725 | 6,997,936 | 7,654 | 0.12741 | 1,669 |
| 2000 | 278,260 | 245,027 | 7,589,409 | 7,211,760 | 7,793 | 0.14477 | 1,669 |
| 2001 | 280,911 | 247,672 | 7,643,288 | 7,276,681 | 7,816 | 0.14255 | 1,669 |
| 2002 | 283,161 | 249,896 | 7,757,699 | 7,390,367 | 8,050 | 0.13859 | 1,669 |
| 2003 | 286,677 | 253,033 | 7,908,957 | 7,522,230 | 8,224 | 0.14888 | 1,669 |
| 2004 | 288,456 | 254,797 | 8,126,998 | 7,732,834 | 8,481 | 0.15690 | 1,669 |
| 2005 | 291,580 | 257,804 | 8,104,303 | 7,721,296 | 8,360 | 0.17673 | 1,712 |
| 2006 | 292,988 | 259,098 | 8,104,872 | 7,700,605 | 8,248 | 0.20063 | 1,722 |
| 2007 | 294,591 | 260,583 | 8,089,115 | 7,675,355 | 8,214 | 0.20519 | 1,727 |

1/ Net generation plus purchased power.

2/ Based on average number of customers during the year.

3/ Gross capability including firm purchase power.

Source: Hawaiian Electric Company, Inc., records.

**Table 17.14-- SERVICE PROVIDED BY THE GAS COMPANY, INC.,
ON OAHU: 1991 TO 2007**

| Calendar year | Customers, Dec. 31 | | Gas sold 1/ (1,000 therms) | | Average annual residential usage 1/ (therms) |
|---------------|--------------------|-------------|----------------------------|-------------|--|
| | Total | Residential | Total | Residential | |
| 1991 | 32,487 | 29,278 | 30,866 | 5,331 | 182 |
| 1992 | 32,598 | 29,375 | 30,528 | 5,285 | 180 |
| 1993 | 33,206 | 29,984 | 30,027 | 5,287 | 176 |
| 1994 | 33,597 | 30,344 | 30,762 | 5,372 | 177 |
| 1995 | 33,472 | 30,492 | 30,582 | 5,332 | 175 |
| 1996 | 33,914 | 30,668 | 30,339 | 5,203 | 170 |
| 1997 | 33,800 | 30,574 | 29,836 | 5,176 | 169 |
| 1998 | 33,705 | 30,497 | 29,930 | 5,284 | 173 |
| 1999 | 33,614 | 30,384 | 30,830 | 5,154 | 170 |
| 2000 | 33,613 | 30,383 | 31,619 | 5,054 | 166 |
| 2001 | 33,625 | 30,403 | 31,071 | 4,990 | 164 |
| 2002 | 33,446 | 30,202 | 30,852 | 4,962 | 164 |
| 2003 | 33,252 | 29,990 | 30,470 | 4,781 | 159 |
| 2004 | 33,231 | 29,964 | 31,011 | 4,701 | 157 |
| 2005 | 32,991 | 29,744 | 30,965 | 4,641 | 156 |
| 2006 | 32,776 | 29,519 | 30,935 | 4,530 | 153 |
| 2007 | 32,649 | 29,413 | 31,346 | 4,459 | 152 |

1/ Includes liquefied petroleum gas.

Source: The Gas Company, records.

Table 17.15-- LIQUID FUEL TAX BASE: 1993 TO 2007

[In thousands of gallons. Liquid fuel sold in a given month is usually reported the following month. Annual totals accordingly refer to fuel sold during a 12-month period ending November 30]

| Year reported | All types | | Gasoline | Diesel oil | | |
|---------------|-------------------------|--------------------|---------------|-------------|------------|------------|
| | Total | Excluding aviation | | Non-hwy. | Hwy. use | |
| 1993 | 1,173,458 | 573,767 | 384,444 | 160,121 | 24,997 | |
| 1994 | 1,240,366 | 578,758 | 392,404 | 152,628 | 29,692 | |
| 1995 | 1,286,038 | 600,596 | 396,446 | 172,684 | 27,411 | |
| 1996 | 1,147,866 | 588,896 | 394,989 | 160,102 | 29,864 | |
| 1997 | 955,834 | 585,400 | 400,435 | 150,737 | 30,109 | |
| 1998 | 954,860 | 597,410 | 394,674 | 169,930 | 28,983 | |
| 1999 | 969,434 | 621,832 | 384,260 | 201,664 | 32,098 | |
| 2000 | 1,053,114 | 684,247 | 400,920 | 246,426 | 33,282 | |
| 2001 | 962,973 | 627,076 | 409,910 | 179,000 | 34,018 | |
| 2002 | 994,141 | 646,185 | 429,613 | 175,096 | 36,157 | |
| 2003 | 835,991 | 587,927 | 452,499 | 91,988 | 37,004 | |
| 2004 | 1,066,808 | 727,943 | 459,321 | 220,562 | 43,223 | |
| 2005 | 972,642 | 647,843 | 454,115 | 146,922 | 43,440 | |
| 2006 | 869,789 | 657,355 | 472,658 | 131,665 | 50,065 | |
| 2007 | 1,018,233 | 782,580 | 480,632 | 215,503 | 66,030 | |
| Year reported | Liquefied petroleum gas | | Aviation fuel | Small boats | | Other fuel |
| | Off hwy. | Hwy. use | | Gasoline | Diesel oil | |
| 1993 | 3,343 | 477 | 599,691 | 35 | 349 | (X) |
| 1994 | 3,210 | 566 | 661,608 | 60 | 198 | (X) |
| 1995 | 3,096 | 514 | 685,443 | 50 | 395 | (X) |
| 1996 | 3,249 | 413 | 558,969 | 50 | 228 | (X) |
| 1997 | 3,587 | 328 | 370,433 | 41 | 164 | (X) |
| 1998 | 3,280 | 383 | 357,450 | 9 | 151 | (X) |
| 1999 | 3,326 | 360 | 347,602 | 4 | 119 | (X) |
| 2000 | 3,250 | 332 | 368,867 | 2 | 35 | (X) |
| 2001 | 3,783 | 310 | 335,897 | 9 | 47 | (X) |
| 2002 | 4,991 | 267 | 347,956 | 5 | 40 | 16 |
| 2003 | 5,739 | 391 | 248,065 | 2 | 22 | 281 |
| 2004 | 3,368 | 246 | 338,866 | 8 | 16 | 1,200 |
| 2005 | 1,222 | 300 | 324,799 | 15 | 42 | 1,786 |
| 2006 | 1 | 142 | 212,434 | 23 | 45 | 2,756 |
| 2007 | 2,106 | 108 | 235,653 | 262 | 626 | 17,314 |

X Not applicable.

Source: Hawaii State Department of Taxation, Tax Research & Planning, "Liquid Fuel Tax Base & Tax Collections" (annual release); <http://www.hawaii.gov/tax/a5_3txcolrptarchive.htm> accessed March 31, 2008.

Table 17.16-- LIQUID FUEL TAX BASE, BY COUNTY: 2007

[In thousands of gallons. Liquid fuel sold in a given month is usually reported the following month. Annual totals accordingly refer to fuel sold during a 12-month period ending November 30]

| Type of fuel | State total | City and Co. of Honolulu | County of Maui | County of Hawaii | County of Kauai |
|-------------------------|-------------|--------------------------|----------------|------------------|-----------------|
| Total | 1,018,233 | 623,765 | 152,301 | 153,875 | 88,292 |
| Gasoline | 480,632 | 299,311 | 62,629 | 82,118 | 36,575 |
| Diesel oil, non-hwy. | 215,503 | 163,333 | 12,560 | 15,665 | 23,944 |
| Diesel oil, hwy. use | 66,030 | 39,091 | 9,019 | 13,079 | 4,841 |
| Liq. pet. gas, off hwy. | 2,106 | 2,106 | - | - | - |
| Liq. pet. gas, hwy. use | 108 | 88 | 7 | 7 | 5 |
| Small boats, gasoline | 262 | 186 | - | 62 | 13 |
| Small boats, diesel oil | 626 | 17 | 61 | 373 | 175 |
| Aviation fuel | 235,653 | 118,017 | 67,643 | 32,722 | 17,270 |
| Other fuel | 17,314 | 1,616 | 382 | 9,848 | 5,468 |

Source: Hawaii State Department of Taxation, Tax Research & Planning, "Liquid Fuel Tax Base & Tax Collections" (annual release); <http://www.hawaii.gov/tax/a5_3txcolrptarchive.htm> accessed March 31, 2008.

**Table 17.17-- GASOLINE STATIONS (NAICS 447), BY COUNTY:
1997 TO 2005**

[Excludes most government employees, railroad employees, and self-employed persons. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in the *County Business Patterns* prior to 1998. Therefore, comparability between the current data and data prior to 1998 may be limited]

| Year | State total | City and County of Honolulu | Hawaii County | Kauai County | Maui County |
|-------------|--------------------|------------------------------------|----------------------|---------------------|--------------------|
| 1997 1/ | 318 | 196 | 63 | 19 | 40 |
| 1998 | 350 | 219 | 67 | 19 | 45 |
| 1999 | 334 | 206 | 63 | 19 | 46 |
| 2000 | 328 | 207 | 61 | 20 | 40 |
| 2001 | 322 | 204 | 61 | 17 | 40 |
| 2002 | 321 | 200 | 62 | 19 | 40 |
| 2003 | 314 | 194 | 63 | 19 | 38 |
| 2004 | 294 | 181 | 60 | 18 | 35 |
| 2005 | 301 | 188 | 59 | 19 | 35 |

1/ *County Business Patterns* data from before 1998 reported in SIC (SIC 554) rather than NAICS.

Source: U.S. Census Bureau, *County Business Patterns, Hawaii* (annual). See also

<<http://censtats.census.gov/cbpnaic/cbpnaic.shtml>> accessed December 5, 2007.

**Table 17.18-- BOILERS AND PRESSURE VESSELS, BY ISLAND:
2006 AND 2007**

[As of December 31]

| Island | Total | Power boilers | Heating boilers | Pressure vessels |
|---------------|--------------|--------------------------|----------------------------|-----------------------------|
| 2006 | | | | |
| State total | 10,619 | 476 | 2,349 | 7,794 |
| Hawaii | 1,419 | 76 | 319 | 1,024 |
| Maui | 1,313 | 66 | 303 | 944 |
| Lanai | 42 | 2 | 8 | 32 |
| Molokai | 53 | 2 | 10 | 41 |
| Oahu | 7,274 | 296 | 1,613 | 5,365 |
| Kauai | 518 | 34 | 96 | 388 |
| 2007 | | | | |
| State total | 10,597 | 493 | 2,315 | 7,789 |
| Hawaii | 1,426 | 72 | 317 | 1,037 |
| Maui | 1,270 | 60 | 289 | 921 |
| Lanai | 41 | 2 | 8 | 31 |
| Molokai | 52 | 2 | 9 | 41 |
| Oahu | 7,269 | 318 | 1,601 | 5,350 |
| Kauai | 539 | 39 | 91 | 409 |

Source: Hawaii State Department of Labor and Industrial Relations, Hawaii Occupational Safety & Health Division (HIOSH), Boiler and Elevator Inspection Branch, records.

Table 17.19-- FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT AND FOR R&D PLANT IN HAWAII: 1997 TO 2005

[Millions of dollars. For fiscal year ending September 30]

| Year | R&D | R&D plant | Year | R&D | R&D plant |
|------|-------|-----------|------|-------|-----------|
| 1997 | 150.7 | 3.0 | 2002 | 375.2 | 6.4 |
| 1998 | 164.5 | 1.5 | 2003 | 349.6 | 1.9 |
| 1999 | 198.8 | 9.3 | 2004 | 392.6 | 7.0 |
| 2000 | 209.7 | 1.8 | 2005 | 384.4 | 43.8 |
| 2001 | 293.1 | 2.8 | | | |

Source: National Science Foundation/Division of Science Resources Statistics, *Federal Funds for Research and Development*, various issues, <<http://www.nsf.gov/statistics/nsf07323/>> accessed June 29, 2007, and records.

**Table 17.20-- CHARACTERISTICS OF THE PRIVATE TECHNOLOGY SECTOR:
2001 TO 2005**

[Includes wage and salary jobs]

| Category and year | Total private sector | Private technology | | | |
|---------------------------|----------------------|--------------------|--|------------------------------------|---------------------|
| | | All categories | Scientific and technology research & development | Manufacture of technology products | Technology services |
| Establishments | | | | | |
| 2001 | 34,047 | 980 | 127 | 56 | 797 |
| 2002 | 34,278 | 1,080 | 131 | 63 | 886 |
| 2003 | 35,394 | 1,109 | 140 | 62 | 907 |
| 2004 | 33,593 | 1,071 | 138 | 60 | 873 |
| 2005 1/ | 34,596 | 1,115 | 149 | 72 | 893 |
| Jobs | | | | | |
| 2001 | 446,130 | 13,463 | 1,911 | 653 | 10,900 |
| 2002 | 444,519 | 13,376 | 2,045 | 468 | 10,863 |
| 2003 | 454,089 | 13,104 | 2,243 | 342 | 10,518 |
| 2004 | 468,748 | 13,106 | 2,379 | 334 | 10,393 |
| 2005 1/ | 487,098 | 13,813 | 2,600 | 391 | 10,822 |
| Wages (\$ million) | | | | | |
| 2001 | 13,302 | 671.7 | 86.9 | 35.9 | 548.9 |
| 2002 | 13,756 | 680.6 | 95.8 | 20.0 | 564.8 |
| 2003 | 14,519 | 696.6 | 115.4 | 12.0 | 569.1 |
| 2004 | 15,742 | 728.7 | 129.9 | 12.0 | 586.9 |
| 2005 1/ | 16,837 | 793.7 | 148.1 | 16.6 | 629.0 |
| Average wage | | | | | |
| 2001 | 29,816 | 49,889 | 45,485 | 54,967 | 50,357 |
| 2002 | 30,947 | 50,883 | 46,847 | 42,706 | 51,995 |
| 2003 | 31,974 | 53,159 | 51,461 | 35,075 | 54,109 |
| 2004 | 33,583 | 55,606 | 54,616 | 35,811 | 56,468 |
| 2005 1/ | 34,566 | 57,458 | 56,942 | 42,552 | 58,120 |

1/ 2005 figures are estimates.

Source: Hawaii State Department of Business, Economic Development & Tourism,
Hawaii Tech Sector: Definition & Detailed Data,
<http://www.hawaii.gov/dbedt/info/economic/data_reports/technology_report/Tech2005.pdf>
accessed June 29, 2007.

**Table 17.21-- SHARE OF TECHNOLOGY SECTOR JOBS, BY COUNTY:
1999 AND 2001**

[In percent, unless otherwise specified]

| Year | Total State Job (number) | State | Hawaii | Maui | Honolulu | Kauai | County unknown |
|-------------|---------------------------------|--------------|---------------|-------------|-----------------|--------------|-----------------------|
| 1999 | 12,417 | 100 | 7 | 8 | 80 | 4 | 1 |
| 2001 | 13,553 | 100 | 6 | 8 | 82 | 4 | < 1 |

Source: Hawaii State Department of Business, Economic Development & Tourism, DBEDT e-reports "Hawaii's Expanding Tech Sector", May 2001; DBEDT e-Reports "Hawaii's Technology Sector in 2001", November 2002 <<http://www.hawaii.gov/dbedt/tech02/index.html>> accessed January 14, 2003.

Table 17.22-- TOP 30 STATES FOR TECHNOLOGY AND SCIENCE INDEX: 2002, 2004 AND 2008

[The State Technology and Science Index observes 77 unique indicators that are categorized into five major components. These components are human capital investment, research and development inputs, risk capital and entrepreneurial infrastructure, technology and science work force and technology concentration and dynamism. Ranked by largest number in 2008]

| City and state | Average score | | | State ranking | | |
|----------------|---------------|-------------|-------------|---------------|-----------|-----------|
| | 2002 | 2004 | 2008 | 2002 | 2004 | 2008 |
| Massachusetts | 84.9 | 84.4 | 82.6 | 1 | 1 | 1 |
| Maryland | 77.9 | 78.2 | 80.0 | 4 | 4 | 2 |
| Colorado | 80.6 | 78.8 | 78.3 | 2 | 3 | 3 |
| California | 80.4 | 78.9 | 74.6 | 3 | 2 | 4 |
| Washington | 71.8 | 69.9 | 72.1 | 6 | 6 | 5 |
| Virginia | 73.3 | 72.3 | 70.3 | 5 | 5 | 6 |
| Connecticut | 68.6 | 66.3 | 70.2 | 8 | 10 | 7 |
| Utah | 68.3 | 66.5 | 69.2 | 9 | 9 | 8 |
| New Hampshire | 63.4 | 63.5 | 67.9 | 13 | 12 | 9 |
| Rhode Island | 57.3 | 64.0 | 66.7 | 21 | 11 | 10 |
| Minnesota | 65.9 | 67.5 | 64.1 | 10 | 8 | 11 |
| New Jersey | 70.0 | 69.1 | 63.4 | 7 | 7 | 12 |
| Pennsylvania | 59.8 | 60.4 | 63.2 | 16 | 16 | 13 |
| Delaware | 65.5 | 62.5 | 62.3 | 11 | 13 | 14 |
| New York | 64.5 | 60.7 | 62.2 | 12 | 15 | 15 |
| New Mexico | 57.9 | 61.8 | 61.9 | 20 | 14 | 16 |
| Arizona | 58.6 | 58.5 | 61.3 | 18 | 17 | 17 |
| North Carolina | 58.9 | 57.3 | 59.6 | 17 | 20 | 18 |
| Vermont | 46.1 | 56.0 | 58.8 | 31 | 22 | 19 |
| Texas | 60.4 | 54.9 | 57.8 | 14 | 23 | 20 |
| Illinois | 58.4 | 56.6 | 57.2 | 19 | 21 | 21 |
| Wisconsin | 53.7 | 51.8 | 57.1 | 25 | 27 | 22 |
| Oregon | 55.5 | 57.8 | 56.2 | 23 | 19 | 23 |
| Kansas | 56.9 | 53.1 | 54.2 | 22 | 26 | 24 |
| Georgia | 60.2 | 58.1 | 53.3 | 15 | 18 | 25 |
| Michigan | 54.5 | 54.0 | 52.3 | 24 | 25 | 26 |
| Idaho | 51.0 | 49.1 | 51.4 | 26 | 30 | 27 |
| Hawaii | 34.0 | 40.1 | 51.2 | 43 | 39 | 28 |
| Alabama | 45.0 | 42.4 | 50.0 | 33 | 36 | 29 |
| Missouri | 47.5 | 48.1 | 49.6 | 28 | 31 | 30 |

Source: Milken Institute "State Technology and Science Index: Enduring Lessons for the Intangible Economy June 2008 " State Overall Ranking <<http://www.milkeninstitute.org/tech/tech.taf?sub=tsi>> accessed June 23, 2008.

**Table 17.23-- RESEARCH AND NON-RESEARCH EXTRAMURAL FUNDING,
FOR THE UNIVERSITY OF HAWAII: 1991-1992 TO 2006-2007**

[Research and non-research awards received through the Office of Research Services, University of Hawaii, and non-competitive awards from the U.S. Department of Agriculture]

| Fiscal year ending June 30 | Total | | Research | | Non-research | |
|----------------------------------|--------|---------------------|----------|---------------------|--------------|---------------------|
| | Awards | Amount (dollars) | Awards | Amount (dollars) | Awards | Amount (dollars) |
| 1991-1992 | 1,221 | 124,876,638 | 703 | 65,791,624 | 518 | 59,085,014 |
| 1992-1993 | 1,146 | 131,075,215 | 636 | 61,059,928 | 510 | 70,015,287 |
| 1993-1994 | 1,322 | 142,563,794 | 755 | 77,763,782 | 567 | 64,800,012 |
| 1994-1995 | 1,147 | 139,199,221 | 616 | 70,222,653 | 531 | 68,976,568 |
| 1995-1996 | 1,191 | 134,469,155 | 697 | 76,698,552 | 494 | 57,770,603 |
| 1996-1997 | 1,255 | 160,859,800 | 724 | 89,131,636 | 531 | 71,728,164 |
| 1997-1998 | 1,300 | 159,948,612 | 763 | 91,746,988 | 537 | 68,201,624 |
| 1998-1999 | 1,254 | 164,168,101 | 707 | 92,737,645 | 547 | 71,430,456 |
| 1999-2000 | 1,379 | 180,629,855 | 767 | 102,845,010 | 612 | 77,784,845 |
| 2000-2001 | 1,405 | 216,233,918 | 835 | 132,833,308 | 570 | 83,400,610 |
| 2001-2002 | 1,629 | 252,370,477 | 971 | 141,875,022 | 658 | 110,495,455 |
| 2002-2003 | 1,646 | 323,868,218 | 976 | 190,374,465 | 670 | 133,493,753 |
| 2003-2004 | 1,675 | 328,982,431 | 1,002 | 199,944,709 | 673 | 129,037,722 |
| 2004-2005 | 1,742 | 354,127,142 | 1,022 | 209,196,531 | 720 | 144,930,611 |
| 2005-2006 | 1,785 | 433,360,395 | 1,068 | 236,708,881 | 717 | 196,651,514 |
| 2006-2007 | 1,778 | 354,031,667 | 1,081 | 209,909,883 | 697 | 144,121,784 |

Source: University of Hawaii, Office of Research Services, *2006-2007 Executive Managerial Report* and previous reports <http://www.hawaii.edu/ors/filecabinet_managerial_report.htm> accessed May 13, 2008.

**Table 17.24-- RESEARCH AND DEVELOPMENT EXPENDITURES AT
DOCTORATE-GRANTING INSTITUTIONS: FISCAL YEARS 1991 TO 2005**

[In thousands of dollars]

| Year | Total | Federally financed | State and local government financed | Industry financed | Institutionally financed | All other sources |
|-------------|--------------|-------------------------------|--|------------------------------|-------------------------------------|------------------------------|
| 1991 | 78,166 | 44,857 | 27,321 | 856 | 3,391 | 1,741 |
| 1992 | 80,258 | 47,684 | 26,775 | 337 | 3,319 | 2,143 |
| 1993 | 73,961 | 41,362 | 27,099 | 151 | 3,109 | 2,240 |
| 1994 | 70,079 | 39,392 | 25,204 | 434 | 3,290 | 1,759 |
| 1995 | 78,429 | 44,238 | 26,789 | 299 | 3,738 | 3,365 |
| 1996 | 111,202 | 66,902 | 31,826 | 8,088 | 4,386 | - |
| 1997 | 120,107 | 72,421 | 28,440 | 5,944 | 13,297 | 5 |
| 1998 | 148,007 | 86,886 | 37,002 | 10,949 | 13,170 | - |
| 1999 | 156,810 | 93,418 | 35,111 | 13,021 | 15,260 | - |
| 2000 | 161,300 | 95,419 | 35,474 | 11,158 | 19,249 | - |
| 2001 | 156,976 | 97,716 | 33,125 | 7,232 | 18,903 | - |
| 2002 | 172,664 | 119,381 | 31,062 | 9,971 | 12,232 | 18 |
| 2003 | 184,602 | 148,662 | 11,822 | 6,931 | 17,171 | 16 |
| 2004 | 241,346 | 191,252 | 8,815 | 21,234 | 19,892 | 153 |
| 2005 | 240,247 | 199,135 | 7,077 | 12,155 | 21,282 | 598 |

Source: National Science Foundation, Division of Science Resources Statistics, *Academic Research and Development Expenditures. Fiscal Year 2005*, NSF 07-318 (May 2007), <http://www.nsf.gov/statistics/nsf07318/pdf/nsf07318.pdf> accessed October 29, 2007.

Table 17.25-- PATENTS ISSUED TO HAWAII RESIDENTS: 1984 TO 2007

| Calendar year | Patents | Calendar year | Patents | Calendar year | Patents |
|----------------------|----------------|----------------------|----------------|----------------------|----------------|
| 1984 | 39 | 1992 | 81 | 2000 | 93 |
| 1985 | 38 | 1993 | 106 | 2001 | 107 |
| 1986 | 46 | 1994 | 99 | 2002 | 91 |
| 1987 | 46 | 1995 | 84 | 2003 | 96 |
| 1988 | 62 | 1996 | 104 | 2004 | 86 |
| 1989 | 71 | 1997 | 93 | 2005 | 58 |
| 1990 | 85 | 1998 | 93 | 2006 | 101 |
| 1991 | 80 | 1999 | 97 | 2007 | 82 |

Source: U.S. Patent and Trademark Office, Information Products Division/TAF Branch, *Patent Counts by Country/State and Year, All Patents, All Types, January 1, 1977 -- December 31, 2007* (March 2008)
 <http://www.uspto.gov/web/offices/ac/ido/oeip/taf/cst_all.pdf> accessed April 21, 2008.

**Table 17.26-- ASTRONOMY AND RELATED FACILITIES AT
THE SUMMITS OF MAUNA KEA AND HALEAKALA: 2002**

| Facility (mirror diameter in meters) | Capital cost 1/ (\$ mil) | Annual operating cost (\$ mil) | County based staff | Operational |
|---|-----------------------------|---|--------------------------|-------------|
| Mauna Kea observatories: | | | | |
| UH 0.6-m (Optical) | 0.3 | (2/) | (2/) | 1968 |
| UH 2.2-m (Optical/Infrared) | 5 | 1.3 | 8 | 1970 |
| Canada-France-Hawaii 3.6-m (Optical/Infrared) | 30 | 6.2 | 50 | 1979 |
| NASA IRTF 3.0-m (Infrared) | 10 | 3.2 | 16 | 1979 |
| United Kingdom 3.8-m (Infrared) | 5 | 3.0 | 31 | 1979 |
| James Clerk Maxwell 15-m Submillimeter | 32 | 5.0 | 39 | 1986 |
| Caltech 10.4-m Submillimeter | 10 | 2.6 | 11 | 1986 |
| W.M. Keck Observatory (Keck I & II) 10-m x 2 (Optical/Infrared) | 170 | 11.0 | 115 | 1992/96 |
| VLBA Antenna 25-m (Radio) | 7 | 0.25 | 2 | 1992 |
| Submillimeter Array 8x6-m | 80 | 6.0 | 36 | 2003 |
| Subaru (Japan National Large Telescope) 8-m (Optical/Infrared) | 170 | 15.0 | 70 | 1999 |
| Fredrick C. Gillett Gemini 8m (Optical/Infrared) | 92 | 8.0 | 70 | 1999 |
| Mauna Kea Observatories Support Services | (X) | 3/ 2.4 | 28 | (X) |
| Total | 611 | 61.6 | 476 | |
| Haleakala observatories: | | | | |
| Mees Solar Observatory | 0.5 | 0.1 | 2 | 1968 |
| Lunar Ranging Facility | 3.3 | 0.7 | 7 | 1976/84 |
| Haleakala Observatories Projects | (NA) | 0.5 | 4 | 1979 |
| Maui Space Surveillance Site (MSSS) 4/ Advanced Electro-Optical System 3.7-m Telescope (AEOS) | 200.0 | 16.0 | 120 | 1979 |
| Magnum 2-m Telescope 5/ | 50.0 | 15.0 | 55 | 1997 |
| Faulkes 2-m Telescope 6/ | 5.0 | 0.25 | 1 | 2000 |
| Haleakala Support Facilities | 5.0 | (NA) | (NA) | 2003 |
| | (X) | 0.13 | 6 | (NA) |
| Total | 263.8 | 32.68 | 195 | |

NA Not available.

X Not applicable.

1/ Historical cost, not adjusted for inflation.

2/ Combined budget and staffing with UH 2.2-m telescope.

3/ Not included in the total since derived from facility operating costs.

4/ Formerly Air Force Maui Optical Station (AMOS).

5/ MAGNUM = Multicolor Active Galactic Nuclei Monitoring.

6/ Under construction.

Source: University of Hawaii at Manoa, Institute for Astronomy, records.

Section 18

TRANSPORTATION

This section presents statistics relating to public roads, motor vehicles, bicycles, traffic accidents, local public transit, civil aviation, harbors, and water traffic. Other information bearing on transportation appears in Sections 7, 12, 14, and 24.

The chief source for transportation statistics is the Hawaii State Department of Transportation's Highways, Harbors and Airports Divisions, and the Motor Vehicle Safety Office. Other sources include the U.S. Coast Guard, Federal Aviation Administration, Federal Highway Administration, Army Corps of Engineers, the U.S. Census Bureau, Honolulu Public Transit Authority, county finance departments, Hawaii Automobile Dealers Association, and individual transportation companies. Data for the entire period of record through 1976 appear in *Historical Statistics of Hawaii*, Section 17. Another source of long-term trend information is *What People Paid to Travel*, published by the Hawaiian Historical Society in 1991. Similar statistics for other areas are reported in the *Statistical Abstract of the United States: 2008*, Section 23.

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TRANSPORTATION

This section presents statistics relating to public roads, motor vehicles, bicycles, traffic accidents, local public transit, civil aviation, harbors, and water traffic. Other information bearing on transportation appears in Sections 7, 12, 14, and 24.

The chief source for transportation statistics is the Hawaii State Department of Transportation's Highways, Harbors and Airports Divisions, and the Motor Vehicle Safety Office. Other sources include the U.S. Coast Guard, Federal Aviation Administration, Federal Highway Administration, Army Corps of Engineers, the U.S. Census Bureau, Honolulu Public Transit Authority, county finance departments, Hawaii Automobile Dealers Association, and individual transportation companies. Data for the entire period of record through 1976 appear in *Historical Statistics of Hawaii*, Section 17. Another source of long-term trend information is *What People Paid to Travel*, published by the Hawaiian Historical Society in 1991. Similar statistics for other areas are reported in the *Statistical Abstract of the United States: 2008*, Section 23.

Table 18.01-- HIGHWAY DISTANCES: 2006

| Route | Statute miles | Route | Statute miles |
|--------------------------------|---------------|-----------------------------------|---------------|
| HAWAII | | MOLOKAI | |
| Hilo-Lyman Field | 2.0 | Kaunakakai-Sheraton Hotel | 19.5 |
| Hilo-Kalapana | 28.4 | Kaunakakai-Maunaloa | 16.5 |
| Hilo-Mauna Kea summit | 39.3 | Kaunakakai-Airport | 8.0 |
| Hilo-Mauna Loa summit | 52.4 | Kaunakakai-Halawa | 27.6 |
| Hilo-Volcano House | 30.7 | Airport-Sheraton Hotel | 11.5 |
| Hilo-Kailua, via Naalehu | 123.0 | | |
| Hilo-Kailua, via Saddle Rd. | 84.0 | OAHU 1/ | |
| Hilo-Kailua, via Hamakua | 98.1 | | |
| Hilo-Waimea, via Saddle Rd. | 60.9 | Honolulu-Ala Moana Center | 1.5 |
| Hilo-Waimea, via Hamakua | 55.7 | Honolulu-UH, via King Street | 3.2 |
| Hilo-Upolu Pt., via Hamakua | 89.6 | Honolulu-Waikiki | 3.2 |
| Hilo-Kawaihae, via Hamakua | 67.5 | Honolulu-Waimanalo, via Koko Head | 21.2 |
| Waimea-Hawi | 20.2 | Honolulu-Waimanalo, via Nuuanu | 16.0 |
| Waimea-Kawaihae | 10.0 | Honolulu-Kailua, via Nuuanu | 13.0 |
| Kawaihae-Hawi | 17.3 | Honolulu-Kaneohe, via Kalihi | 12.0 |
| Kawaihae-Kailua | 34.3 | Honolulu-Kahuku, via Kahaluu | 38.0 |
| Kailua-Keahole Airport | 7.3 | Honolulu-Kahuku, via Wahiawa | 48.0 |
| Kailua-Keauhou | 5.7 | Honolulu-Kaena Pt., via Wahiawa | 43.4 |
| | | Honolulu-Kaena Pt., via Waianae | 43.7 |
| MAUI | | Honolulu-Wahiawa | 23.0 |
| | | Honolulu-Pearl Harbor Shipyard | 8.0 |
| Wailuku-Kahului | 2.3 | Honolulu-Honolulu Airport | 6.5 |
| Wailuku-Kahului Airport | 4.2 | Waikiki-UH, via Kapahulu | 3.2 |
| Wailuku-Hana, via Keanae | 53.2 | Waikiki-Honolulu Airport | 8.0 |
| Wailuku-Hana, via Kaupo | 59.8 | Waimanalo-Kahuku | 32.6 |
| Wailuku-Haleakala summit | 38.2 | Circle island, via Makapuu | 99.5 |
| Wailuku-Makena | 17.9 | Circle island, via Nuuanu Pali | 81.6 |
| Wailuku-Lahaina, via Kahakuloa | 38.0 | | |
| Wailuku-Lahaina, via Olowalu | 20.9 | KAUAI | |
| Kahului-Kihei | 8.2 | | |
| Lahaina-Wailea | 32.4 | Lihue-Haena | 38.2 |
| Lahaina-Napili | 8.9 | Lihue-Wailua | 5.9 |
| Lahaina-Kaanapali | 3.7 | Lihue-Lihue Airport | 2.0 |
| | | Lihue-Poipu | 11.9 |
| LANAI | | Lihue-Mana | 32.9 |
| | | Lihue-Kalalau Lookout | 44.6 |
| Lanai City-Lanai Airport | 3.1 | Poipu-Kalalau Lookout | 36.8 |
| Lanai City-Hulopoe | 7.5 | Poipu-Princeville | 40.7 |

1/ Honolulu distances measured from South King and Bishop Streets; Waikiki, from Kalakaua Avenue and Lewers Street.

Source: Hawaii State Department of Transportation, Highways Division, records.

Table 18.02-- LENGTH OF STREETS AND HIGHWAYS, PAVED AND UNPAVED, BY ISLAND: DECEMBER 31, 2004 TO 2006

[Excludes private roads and military roads not regularly open to public use]

| Island | Total mileage | Paved | | Unpaved |
|-------------|---------------|----------|----------|---------|
| | | Freeways | Other | |
| 2004 | | | | |
| State total | 4,316.35 | 88.55 | 4,055.39 | 172.41 |
| Hawaii | 1,466.06 | - | 1,406.76 | 59.30 |
| Maui | 630.69 | - | 573.99 | 56.70 |
| Lanai | 47.48 | - | 33.48 | 14.00 |
| Molokai | 132.86 | - | 120.86 | 12.00 |
| Oahu | 1,625.34 | 88.55 | 1,528.87 | 7.92 |
| Kauai | 413.92 | - | 391.43 | 22.49 |
| Niihau | - | - | - | - |
| 2005 | | | | |
| State total | 4,332.21 | 88.53 | 4,071.27 | 172.41 |
| Hawaii | 1,471.84 | - | 1,412.54 | 59.30 |
| Maui | 634.00 | - | 577.30 | 56.70 |
| Lanai | 47.48 | - | 33.48 | 14.00 |
| Molokai | 132.86 | - | 120.86 | 12.00 |
| Oahu | 1,628.23 | 88.53 | 1,531.78 | 7.92 |
| Kauai | 417.80 | - | 395.31 | 22.49 |
| Niihau | - | - | - | - |
| 2006 | | | | |
| State total | 4,342.06 | 88.53 | 4,081.12 | 172.41 |
| Hawaii | 1,474.19 | - | 1,414.89 | 59.30 |
| Maui | 635.21 | - | 578.51 | 56.70 |
| Lanai | 47.48 | - | 33.48 | 14.00 |
| Molokai | 135.77 | - | 123.77 | 12.00 |
| Oahu | 1,632.43 | 88.53 | 1,535.98 | 7.92 |
| Kauai | 416.98 | - | 394.49 | 22.49 |
| Niihau | - | - | - | - |

Source: Hawaii State Department of Transportation, Highways Division, records.

Table 18.03-- HIGHWAY BRIDGES, BY ISLAND: DECEMBER 31, 2006

| Island | Number of bridges 1/ | Longest bridge | | Highest bridge | |
|---------|----------------------|-----------------|---------------|----------------|---------------|
| | | Location | Length (feet) | Location | Height (feet) |
| State | 752 | Airport Viaduct | 14,890 | Nanue | 208 |
| Hawaii | 135 | Hakalau | 775 | Nanue | 208 |
| Maui | 98 | Honokahua | 600 | Uaoa | 79 |
| Lanai | - | None | - | None | - |
| Molokai | 19 | Manawainui | 360 | Manawainui | 50 |
| Oahu | 445 | Airport Viaduct | 14,890 | Kipapa | 156 |
| Kauai | 55 | Hanamaulu | 1,150 | Wahiawa, Koloa | 90 |

1/ Limited to bridges under State jurisdiction and longer than 20 feet.

Source: Hawaii State Department of Transportation, Highways Division, records.

Table 18.04-- CONDITION OF BRIDGES: 2002 TO 2007

| Area | Number of bridges | Deficient and obsolete | | | | | |
|--------|-------------------|------------------------|---------|---------------------------|---------|--------------------------|---------|
| | | Total | | Structurally deficient 1/ | | Functionally obsolete 2/ | |
| | | Number | Percent | Number | Percent | Number | Percent |
| 2002 | | | | | | | |
| U.S. | 591,220 | 163,010 | 27.6 | 81,437 | 13.8 | 81,573 | 13.8 |
| Hawaii | 1,089 | 522 | 47.9 | 171 | 15.7 | 351 | 32.2 |
| 2003 | | | | | | | |
| U.S. | 592,246 | 160,819 | 27.2 | 79,811 | 13.5 | 81,008 | 13.7 |
| Hawaii | 1,097 | 512 | 46.7 | 155 | 14.1 | 357 | 32.5 |
| 2004 | | | | | | | |
| U.S. | 593,885 | 158,318 | 26.7 | 77,758 | 13.1 | 80,560 | 13.6 |
| Hawaii | 1,099 | 513 | 46.7 | 156 | 14.2 | 357 | 32.5 |
| 2005 | | | | | | | |
| U.S. | 594,616 | 156,177 | 26.3 | 75,871 | 12.8 | 80,306 | 13.5 |
| Hawaii | 1,104 | 514 | 46.6 | 160 | 14.5 | 354 | 32.1 |
| 2006 | | | | | | | |
| U.S. | 596,842 | 153,990 | 25.8 | 73,764 | 12.4 | 80,226 | 13.4 |
| Hawaii | 1,110 | 513 | 46.2 | 156 | 14.1 | 357 | 32.2 |
| 2007 | | | | | | | |
| U.S. | 599,766 | 152,316 | 25.4 | 72,524 | 12.1 | 79,792 | 13.3 |
| Hawaii | 1,115 | 500 | 44.8 | 142 | 12.7 | 358 | 32.1 |

1/ Bridges are structurally deficient if they have been restricted to light vehicles, require immediate rehabilitation to remain open, or are closed.

2/ Bridges are functionally obsolete if they have deck geometry, load carrying capacity, clearance or approach roadway alignment that no longer meet the criteria for the system of which the bridge is a part.

Source: U.S. Department of Transportation, Federal Highway Administration, Bridge Technology, Deficient Bridges by State and Highway System <<http://www.fhwa.dot.gov/bridge/deficient.htm>> accessed March 25, 2008; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 18.05-- HIGHWAY TUNNEL LENGTHS: DECEMBER 31, 2006

| Island and name of tunnel | Length (feet) |
|--|----------------|
| Oahu | |
| Pali, Honolulu side to Honolulu from Honolulu | 1,000 1,080 |
| Pali, Kailua side to Honolulu from Honolulu | 500 497 |
| Wilson to Honolulu from Honolulu | 2,775 2,813 |
| H-3 to Honolulu from Honolulu | 4,890 5,165 |
| H-3, Hospital Rock to Honolulu from Honolulu | 353 354 |
| Middle Street | 393 |
| Maui | |
| Olowalu | 318 |
| Kauai | |
| Kipu-Mahaulepu (private road) | 2,200 |

Source: Hawaii State Department of Transportation, Highways Division, records; McBryde Sugar Plantation, records.

**Table 18.06-- VEHICLE REGISTRATION, BY TYPE OF VEHICLE:
1997 TO 2007**

[Taxable and exempt vehicles. Includes vehicles registered but subsequently scrapped or shipped out of State]

| Year | All vehicles registered | Motor vehicles | | | | |
|------|-------------------------|-----------------------------|-----------------------|------------------------------------|----------------------------|--|
| | | All motor vehicles | Passenger vehicles 1/ | Ambulances, hearses, patrol wagons | Buses | |
| 1997 | 906,964 | 884,267 | 704,693 | 54 | 3,226 | |
| 1998 | 915,753 | 893,427 | 713,732 | 61 | 3,084 | |
| 1999 | 929,474 | 906,935 | 725,142 | 59 | 3,028 | |
| 2000 | 964,738 | 941,242 | 754,840 | 56 | 2,902 | |
| 2001 | 986,555 | 967,146 | 775,737 | 53 | 2,847 | |
| 2002 | 1,013,594 | 987,598 | 792,482 | 61 | 2,815 | |
| 2003 | 1,057,625 | 1,030,845 | 830,672 | 47 | 2,588 | |
| 2004 | 1,100,646 | 1,072,211 | 867,120 | 44 | 2,510 | |
| 2005 | 1,149,403 | 1,119,838 | 906,799 | 47 | 2,472 | |
| 2006 | 1,159,256 | 1,127,467 | 907,659 | 46 | 2,349 | |
| 2007 | 1,167,240 | 1,134,542 | 911,607 | 47 | 2,260 | |
| | | Motor vehicles -- continued | | | | |
| Year | Trucks 1/ | Truck tractors, tow trucks | Truck crane, misc. | Motor-cycles, motor-scooters 2/ | Trailers and semi-trailers | |
| 1997 | 158,457 | 457 | 220 | 17,160 | 22,697 | |
| 1998 | 158,977 | 423 | 214 | 16,936 | 22,326 | |
| 1999 | 161,067 | 407 | 224 | 17,008 | 22,539 | |
| 2000 | 165,104 | 409 | 270 | 17,661 | 23,496 | |
| 2001 | 168,414 | 495 | 314 | 19,286 | 19,409 | |
| 2002 | 160,941 | 513 | 359 | 20,427 | 25,996 | |
| 2003 | 174,641 | 510 | 368 | 22,019 | 26,780 | |
| 2004 | 178,596 | 547 | 449 | 22,945 | 28,435 | |
| 2005 | 184,513 | 603 | 530 | 24,874 | 29,565 | |
| 2006 | 189,878 | 670 | 682 | 26,183 | 31,789 | |
| 2007 | 192,175 | 696 | 779 | 26,978 | 32,698 | |

1/ Vans, pickups, and other trucks under 6,500 lb. in personal use, legally classified as passenger vehicles, are included in the totals for trucks.

2/ Excluding mopeds (1.5 HP or less), which are legally classified as bicycles.

Source: Hawaii State Department of Transportation, Motor Vehicle Safety Office, records.

**Table 18.07-- MOTOR VEHICLES REGISTERED, BY COUNTY:
1995 TO 2007**

[Taxable and exempt vehicles. Includes passenger cars, ambulances, buses, trucks, motorcycles and vehicles registered but subsequently scrapped or shipped out of State. Excludes trailers and semi-trailers]

| Year | State total | City and County of Honolulu | County of Hawaii | County of Kauai | County of Maui |
|-------------|--------------------|------------------------------------|-------------------------|------------------------|-----------------------|
| 1995 | 877,756 | 601,239 | 111,624 | 52,364 | 112,529 |
| 1996 | 884,617 | 598,772 | 115,647 | 52,984 | 117,214 |
| 1997 | 884,267 | 595,121 | 118,364 | 53,904 | 116,878 |
| 1998 | 893,427 | 594,096 | 121,959 | 56,554 | 120,818 |
| 1999 | 906,935 | 597,610 | 126,039 | 57,882 | 125,404 |
| 2000 | 941,242 | 614,985 | 132,305 | 61,316 | 132,636 |
| 2001 | 967,146 | 631,232 | 136,786 | 62,655 | 136,473 |
| 2002 | 987,598 | 643,810 | 142,150 | 63,580 | 138,058 |
| 2003 | 1,030,845 | 667,565 | 150,983 | 67,312 | 144,985 |
| 2004 | 1,072,211 | 688,163 | 159,627 | 71,517 | 152,904 |
| 2005 | 1,119,838 | 714,604 | 169,396 | 75,561 | 160,277 |
| 2006 | 1,127,467 | 719,606 | 173,786 | 74,734 | 159,341 |
| 2007 | 1,134,542 | 722,486 | 176,386 | 75,594 | 160,076 |

Source: Hawaii State Department of Transportation, Motor Vehicle Safety Office, records.

**Table 18.08-- VEHICLE REGISTRATION, BY TYPE OF VEHICLE,
BY COUNTY: 2007**

[Taxable and exempt vehicles. Includes vehicles registered but subsequently scrapped or shipped out of State]

| Type of vehicle | State total | City and County of Honolulu | County of Hawaii | County of Kauai | County of Maui |
|-------------------------------|--------------------|------------------------------------|-------------------------|------------------------|-----------------------|
| All vehicles | 1,167,240 | 738,355 | 185,349 | 78,999 | 164,537 |
| Motor vehicles | 1,134,542 | 722,486 | 176,386 | 75,594 | 160,076 |
| Passenger vehicles 1/ | 911,607 | 599,309 | 135,538 | 53,937 | 122,823 |
| Ambulances | 47 | 27 | 5 | 1 | 14 |
| Buses | 2,260 | 1,770 | 271 | 13 | 206 |
| Trucks 1/ | 192,175 | 102,489 | 36,550 | 19,919 | 33,217 |
| Truck tractors | 696 | 410 | 175 | 16 | 95 |
| Truck cranes | 779 | 606 | 82 | 7 | 84 |
| Motorcycles, motorscooters 2/ | 26,978 | 17,875 | 3,765 | 1,701 | 3,637 |
| Trailers and semi-trailers | 32,698 | 15,869 | 8,963 | 3,405 | 4,461 |

1/ Vans, pickups, and other trucks under 6,500 lb. in personal use, legally classified as passenger vehicles, are included in the totals for trucks.

2/ Excluding mopeds (1.5 HP or less), which are legally classified as bicycles.

Source: Hawaii State Department of Transportation, Motor Vehicle Safety Office, records.

**Table 18.09-- VEHICLE REGISTRATION, BY TAXATION STATUS,
BY COUNTY: 2007**

[Includes vehicles registered but subsequently scrapped or shipped out of State. Excludes trailers, semi-trailers and motorcycles]

| Taxation status | State total | City and County of Honolulu | County of Hawaii | County of Kauai | County of Maui |
|------------------------|--------------------|--|---------------------------------|--------------------------------|-------------------------------|
| Total registered | 1,107,564 | 704,611 | 172,621 | 73,893 | 156,439 |
| Taxable vehicles | 1,034,849 | 635,659 | 171,108 | 73,120 | 154,962 |
| Exempt vehicles | 72,715 | 68,952 | 1,513 | 773 | 1,477 |
| Federal government | 406 | 396 | 8 | - | 2 |
| State government | 5,741 | 5,736 | 3 | - | 2 |
| County government | 6,885 | 4,271 | 889 | 522 | 1,203 |
| Fire department | 268 | 68 | 121 | 42 | 37 |
| Police department | 1,666 | 1,305 | 356 | 1 | 4 |
| Consulates | 58 | 57 | 1 | - | - |
| Disabled veterans | 87 | 48 | 8 | 27 | 4 |
| Military non-resident | 57,178 | 56,874 | 60 | 169 | 75 |
| Farm | 210 | 45 | 40 | 3 | 122 |
| Horseless carriage | 53 | 46 | 6 | 1 | - |
| Electric vehicles | 163 | 106 | 21 | 8 | 28 |

Source: Hawaii State Department of Transportation, Motor Vehicle Safety Office, records.

**Table 18.10-- VEHICLES AVAILABLE TO OCCUPIED HOUSING UNITS,
BY COUNTY: 2000**

| Vehicles available | State total | Hawaii | Honolulu | Kalawao | Kauai | Maui |
|---------------------------|--------------------|---------------|-----------------|----------------|--------------|-------------|
| Occupied units | 403,240 | 52,985 | 286,450 | 115 | 20,183 | 43,507 |
| None | 44,280 | 3,655 | 36,614 | 13 | 1,221 | 2,777 |
| 1 | 149,369 | 19,499 | 107,393 | 63 | 6,770 | 15,644 |
| 2 | 143,919 | 21,017 | 97,752 | 39 | 8,229 | 16,882 |
| 3 or more | 65,672 | 8,814 | 44,691 | - | 3,963 | 8,204 |

Source: U.S. Census Bureau, Census 2000, Table DP-4, Profile of Selected Housing Characteristics: 2000.

Table 18.11-- TRUCK CHARACTERISTICS: 1987 TO 2002

| Category (100 percent) | Selected characteristic | Percent of category | | | |
|---------------------------|---|---------------------|-------|-------|-------|
| | | 1987 | 1992 | 1997 | 2002 |
| Total trucks (1,000) | | 160.8 | 280.3 | 294.2 | 351.4 |
| Business 1/ Body type | Personal transportation Pickup, mini-van, other light van, and sport utility | 60.5 | 61.7 | 70.1 | 74.0 |
| Vehicle size | Light | 91.2 | 93.8 | 94.9 | 95.9 |
| Annual miles | Less than 10,000 2/ | 94.6 | 95.6 | 95.9 | 96.9 |
| Model year | Over 4 years old | 57.0 | 50.0 | 44.3 | 51.1 |
| Vehicle acquisition | New | 62.1 | 66.8 | 74.1 | 68.0 |
| Truck type | Single-unit, 2 axles 3/ | 49.6 | 54.3 | 48.3 | 50.4 |
| Range of operation | 50 miles or less | 96.4 | 96.6 | 97.7 | 98.1 |
| Fuel type | Gasoline | 80.2 | 79.3 | 81.2 | 70.5 |
| | | 94.6 | 94.6 | 95.1 | 93.7 |

1/ Comparability of estimates may vary across survey years due to changes in category definitions.

2/ Includes vehicles not in use.

3/ Excludes truck-tractors not in use.

Source: U.S. Bureau of the Census, *Truck Inventory and Use Survey, 1992 Census of Transportation*, TC92-T-12 (December 1994), table 2 <<http://www.census.gov/prod/1/trans/92trkinv/tct12.pdf>>; U.S. Census Bureau, *2002 Economic Census, Vehicle Inventory and Use Survey, Geographic Area Series, Hawaii*, EC02TV-HI (October 2004), tables 1a and 2a <<http://www.census.gov/svsd/www/02vehinv.html>> accessed May 12, 2005.

**Table 18.12-- NEW RETAIL CAR AND LIGHT TRUCK (VAN)
REGISTRATIONS: 1989 TO 2007**

[Excludes U-drive/Fleet sales]

| Year | Number | Year | Number | Year | Number |
|------|--------|------|--------|------|--------|
| 1989 | 57,456 | 1996 | 41,480 | 2003 | 62,712 |
| 1990 | 54,544 | 1997 | 42,487 | 2004 | 70,457 |
| 1991 | 47,783 | 1998 | 40,673 | 2005 | 70,268 |
| 1992 | 44,865 | 1999 | 45,054 | 2006 | 67,224 |
| 1993 | 45,249 | 2000 | 51,500 | 2007 | 57,526 |
| 1994 | 44,175 | 2001 | 51,388 | | |
| 1995 | 41,083 | 2002 | 53,314 | | |

Source: Hawaii Automobile Dealers Association, *HawaiiDealer 2008 Second Quarter*, and records.

**Table 18.13-- NEW RETAIL CAR AND LIGHT TRUCK (VAN)
REGISTRATIONS, BY NAMEPLATE: 2005 TO 2007**

[Excludes U-drive/Fleet sales]

| Nameplate | 2005 | 2006 | 2007 |
|------------------|-------------|-------------|-------------|
| Total | 70,732 | 67,224 | 57,526 |
| Toyota/Scion | 17,512 | 17,919 | 15,673 |
| Honda | 7,621 | 7,843 | 7,688 |
| Nissan | 7,777 | 7,812 | 7,043 |
| Ford | 7,062 | 6,122 | 4,512 |
| Chevrolet | 4,692 | 3,625 | 2,802 |
| Dodge | 3,688 | 3,029 | 2,041 |
| Mazda | 2,865 | 2,721 | 1,922 |
| Lexus | 1,788 | 1,983 | 1,768 |
| BMW | 1,329 | 1,261 | 1,364 |
| Kia | 1,256 | 1,267 | 1,187 |
| Mercedes | 1,553 | 1,450 | 1,172 |
| Hyundai | 1,646 | 1,273 | 1,155 |
| Volkswagen | 931 | 1,024 | 918 |
| Jeep | 974 | 896 | 845 |
| GMC | 1,149 | 875 | 784 |
| Acura | 886 | 908 | 784 |
| Saturn | 754 | 699 | 700 |
| Chrysler | 820 | 768 | 490 |
| All others | 6,429 | 5,749 | 4,678 |

Source: Hawaii Automobile Dealers Association, *HawaiiDealer*, 2006 Annual Yearbook Edition And 1st Quarter, 2006; 2007 Edition 1; and 2008 Second Quarter.

**Table 18.14-- NEW RETAIL CAR AND LIGHT TRUCK (VAN)
REGISTRATIONS, BY PLACE OF MANUFACTURE: 2005 TO 2007**

[Excludes U-drive/Fleet sales]

| Type and place of manufacture | 2005 | 2006 | 2007 |
|--------------------------------------|-------------|-------------|-------------|
| Total | 70,268 | 67,224 | 57,526 |
| Car | 30,999 | 29,603 | 24,650 |
| Light truck | 39,269 | 37,621 | 32,876 |
| Chrysler, Ford, General Motors | 20,742 | 17,637 | 13,416 |
| Japanese | 40,790 | 41,415 | 36,602 |
| European | 5,834 | 5,632 | 5,166 |
| Korean | 2,902 | 2,540 | 2,342 |

Source: Hawaii Automobile Dealers Association, *Hawaii Dealer*, 2006 Annual Yearbook Edition And 1st Quarter, 2006; 2007 Edition 1; and 2008 Second Quarter.

**Table 18.15-- HAWAII DRIVERS LICENSES IN FORCE, BY COUNTY:
1991 TO 2007**

[As of December 31]

| Year | State total | City and County of Honolulu | County of Hawaii | County of Kauai | County of Maui |
|-------------|--------------------|------------------------------------|-------------------------|------------------------|-----------------------|
| 1991 | 699,664 | 501,260 | 86,181 | 38,894 | 73,329 |
| 1992 | 716,545 | 510,901 | 89,436 | 39,947 | 76,261 |
| 1993 | 734,381 | 522,016 | 92,264 | 41,910 | 78,191 |
| 1994 | 745,392 | 527,756 | 94,257 | 42,736 | 80,643 |
| 1995 | 732,508 | 516,780 | 94,048 | 42,041 | 79,639 |
| 1996 | 733,486 | 515,780 | 94,943 | 41,775 | 80,988 |
| 1997 | 738,865 | 517,904 | 96,665 | 42,079 | 82,217 |
| 1998 | 746,329 | 520,734 | 98,252 | 42,363 | 84,980 |
| 1999 | 752,693 | 521,671 | 100,331 | 43,141 | 87,550 |
| 2000 | 769,383 | 529,890 | 104,058 | 44,471 | 90,964 |
| 2001 | 787,820 | 542,244 | 106,557 | 45,424 | 93,595 |
| 2002 | 814,668 | 560,222 | 110,561 | 46,840 | 97,045 |
| 2003 | 834,188 | 572,665 | 113,760 | 48,047 | 99,716 |
| 2004 | 843,876 | 577,507 | 116,486 | 48,967 | 100,916 |
| 2005 | 856,163 | 584,492 | 119,741 | 49,880 | 102,050 |
| 2006 | 867,003 | 590,975 | 122,087 | 50,539 | 103,402 |
| 2007 | 882,466 | 600,264 | 125,063 | 51,504 | 105,635 |

Source: Hawaii State Department of Transportation, Motor Vehicle Safety, records.

**Table 18.16-- HAWAII DRIVERS LICENSES IN FORCE, BY AGE
AND SEX: 2006 AND 2007**

[As of December 31]

| Years of age | Both sexes | | Male | | Female | |
|--------------|------------|---------|---------|---------|---------|---------|
| | 2006 | 2007 | 2006 | 2007 | 2006 | 2007 |
| Total | 867,003 | 882,466 | 455,184 | 462,852 | 411,819 | 419,614 |
| 15 to 19 | 29,602 | 29,435 | 15,848 | 15,760 | 13,754 | 13,675 |
| 20 to 24 | 73,238 | 73,253 | 38,754 | 38,869 | 34,484 | 34,384 |
| 25 to 29 | 82,431 | 84,740 | 43,379 | 44,554 | 39,052 | 40,186 |
| 30 to 34 | 76,969 | 78,335 | 39,894 | 40,477 | 37,075 | 37,858 |
| 35 to 39 | 82,918 | 83,121 | 42,728 | 43,000 | 40,190 | 40,121 |
| 40 to 44 | 86,730 | 85,266 | 44,799 | 43,923 | 41,931 | 41,343 |
| 45 to 49 | 89,102 | 89,589 | 46,146 | 46,549 | 42,956 | 43,040 |
| 50 to 54 | 88,219 | 89,002 | 45,635 | 45,869 | 42,584 | 43,133 |
| 55 to 59 | 80,347 | 82,298 | 42,489 | 43,287 | 37,858 | 39,011 |
| 60 to 64 | 60,755 | 66,114 | 32,561 | 35,286 | 28,194 | 30,828 |
| 65 to 69 | 39,892 | 42,694 | 21,529 | 23,074 | 18,363 | 19,620 |
| 70 to 74 | 29,991 | 30,383 | 15,892 | 16,157 | 14,099 | 14,226 |
| 75 to 79 | 23,901 | 24,076 | 12,336 | 12,362 | 11,565 | 11,714 |
| 80 to 84 | 15,598 | 16,153 | 8,675 | 8,772 | 6,923 | 7,381 |
| 85 to 89 | 6,054 | 6,615 | 3,674 | 3,996 | 2,380 | 2,619 |
| 90 to 94 | 1,168 | 1,287 | 780 | 838 | 388 | 449 |
| 95 to 99 | 88 | 105 | 65 | 79 | 23 | 26 |

Source: Hawaii State Department of Transportation, Motor Vehicle Safety, records.

Table 18.17-- MOTOR VEHICLE FUEL CONSUMPTION AND VEHICLE MILES, 1990 TO 2006, AND BY COUNTY, 2005 AND 2006

| Year and county | Highway fuel consumption 1/ | | Vehicle miles of travel | |
|-----------------|-----------------------------|---------------------------|-------------------------|-------------------|
| | Total (1,000 gallons) | Gallons per vehicle 2/ | Total (millions) | Per vehicle 2/ |
| 1990 | 395,185 | 444 | 8,065.4 | 9,071 |
| 1991 | 406,819 | 453 | 8,142.2 | 9,075 |
| 1992 | 405,963 | 457 | 8,065.5 | 9,070 |
| 1993 | 409,940 | 468 | 7,945.3 | 9,063 |
| 1994 | 428,558 | 490 | 7,925.2 | 9,056 |
| 1995 | 422,884 | 482 | 7,944.1 | 9,051 |
| 1996 | 426,370 | 482 | 8,005.9 | 9,050 |
| 1997 | 421,499 | 477 | 8,003.0 | 9,050 |
| 1998 | 422,928 | 473 | 8,090.2 | 9,055 |
| 1999 | 417,374 | 460 | 8,215.2 | 9,058 |
| 2000 | 428,425 | 455 | 8,525.7 | 9,058 |
| 2001 | 445,558 | 461 | 8,754.3 | 9,052 |
| 2002 | 477,518 | 484 | 8,937.3 | 9,050 |
| 2003 | 483,232 | 469 | 9,325.0 | 9,046 |
| 2004 | 498,816 | 463 | 9,734.6 | 9,042 |
| 2005 | 505,418 | 459 | 10,129.1 | 9,191 |
| 2006 | 531,505 | 478 | 10,226.3 | 9,206 |
| COUNTY: 2005 | | | | |
| Honolulu | 317,433 | 436 | 6,260.3 | 8,593 |
| Hawaii | 88,959 | 541 | 1,651.2 | 10,043 |
| Kauai | 29,756 | 378 | 791.5 | 10,066 |
| Maui | 69,270 | 531 | 1,426.0 | 10,932 |
| COUNTY: 2006 | | | | |
| Honolulu | 324,902 | 445 | 6,319.0 | 8,659 |
| Hawaii | 95,723 | 568 | 1,657.8 | 9,830 |
| Kauai | 38,568 | 495 | 810.1 | 10,403 |
| Maui | 72,311 | 537 | 1,439.5 | 10,694 |

1/ Includes gasoline, diesel oil, and butane gas.

2/ Based on motor vehicle total by county of inspection; includes both taxable and nontaxable vehicles, and all military nonresident exempt vehicles. Data include passenger cars, buses, trucks, and motorcycles but exclude trailers and semi-trailers.

Source: Hawaii State Department of Transportation, Highways Division, Planning Branch, records.

**Table 18.18-- TOTAL 24-HOUR TRAFFIC VOLUMES AT SELECTED
OAHU SURVEY SITES: 2004 TO 2006**

| Site | 2004 | 2005 | 2006 |
|---|---------|---------|---------|
| Pali Highway at tunnels 1/ | 46,783 | 48,793 | 44,950 |
| Likelike Highway at tunnels 2/ | (NA) | 28,084 | 31,073 |
| H-1 Freeway at Manoa-Palolo Drainage Canal 1/ | 111,434 | 113,497 | 107,546 |
| H-1 Freeway at Kapalama Drainage Canal Bridge 2/ | 217,290 | 216,699 | (NA) |
| Nimitz Highway at Kapalama Drainage Canal Bridge 2/ | 77,719 | 61,380 | 61,171 |
| Kalaniana'ole Highway east of Ainakoa Ave. 1/ | 83,915 | 85,900 | 85,212 |

NA Not available.

1/ Annual average daily traffic (AADT), the average of 24 hour counts collected every day in the year.

2/ Average daily traffic (ADT), the average of 24 hour counts collected a number of days greater than one, but less than a year.

Source: Hawaii State Department of Transportation, Highways Division, Planning Branch, records.

**Table 18.19-- ROADWAY CONGESTION FOR THE HONOLULU
URBANIZED AREA: 2002 TO 2005**

| Subject | 2002 | 2003 | 2004 | 2005 |
|--|----------|----------|-------|-------|
| Population (1,000) | 700 | 700 | 700 | 705 |
| Urban area (square miles) | 140 | 140 | 140 | 140 |
| Population density (persons/square mile) | 5,000 | 5,000 | 5,000 | 5,036 |
| Peak travelers (1,000) | 372 | 376 | 378 | 383 |
| Daily vehicle-miles of travel (1,000) | | | | |
| Freeway | 5,775 | 5,930 | 6,000 | 6,015 |
| Arterial streets | 1/ 3,155 | 1/ 3,175 | 3,200 | 3,250 |
| Cost components | | | | |
| Value of time (\$/hour) | 13.45 | 13.75 | 14.10 | 14.60 |
| Commercial cost (\$/hour) | 71.05 | 72.65 | 74.60 | 77.10 |
| Fuel cost (\$/gallon) | 1.72 | 2.03 | 2.38 | 2.63 |
| Congested system (percent of lane-miles) | 46 | 46 | 46 | 48 |
| Number of daily rush hours 2/ | 6.4 | 6.6 | 6.8 | 6.8 |
| Annual excess fuel consumed 3/ | | | | |
| Total (1,000 gallons) | 1/ 4,930 | 1/ 5,466 | 5,680 | 6,255 |
| Per peak traveler (gallons) | 1/ 13 | 1/ 15 | 15 | 16 |
| Annual delay (person-hours) 4/ | | | | |
| Total (1,000) | 1/ 7,252 | 1/ 8,110 | 8,496 | 9,342 |
| Per peak traveler 5/ | 1/ 20 | 1/ 22 | 22 | 24 |
| Congestion cost 6/ | | | | |
| Total (\$ million) | 1/ 116 | 1/ 134 | 145 | 166 |
| Per peak traveler (\$) | 1/ 313 | 1/ 355 | 383 | 434 |

1/ Revised from previous *Data Book*.

2/ Time when system might have congestion.

3/ Increased fuel consumption due to travel in congested conditions rather than free-flow conditions.

4/ Travel time above that needed to complete a trip at free-flow speeds (60 mph on freeways and 35 mph on arterials).

5/ Extra time required to travel in the peak period divided by the number of travelers who begin a trip during the peak period (6 to 9 a.m. and 4 to 7 p.m.).

6/ Value of travel delay for 2005 (estimated at \$14.60 per hour of person travel and \$77.10 per hour of truck time) and excess fuel consumption (estimated using state average cost per gallon).

Source: Texas Transportation Institute, *2007 Annual Urban Mobility Report*

<http://mobility.tamu.edu/ums/congestion_data/west_map.stm> accessed May 20, 2008.

Table 18.20-- MAJOR TRAFFIC ACCIDENTS, TRAFFIC INJURIES, AND TRAFFIC DEATHS, 1995 TO 2007, AND BY COUNTY, 2005 TO 2007

| Year | Major traffic accidents 1/ | | Persons injured or killed | |
|--------------|----------------------------|-------|---------------------------|--------|
| | Total | Fatal | Injured only | Killed |
| 1995 | 16,581 | 118 | 13,088 | 127 |
| 1996 | 13,285 | 132 | 11,729 | 145 |
| 1997 | 12,445 | 117 | 11,190 | 131 |
| 1998 | 11,543 | 113 | 10,303 | 120 |
| 1999 | 10,632 | 90 | 9,604 | 98 |
| 2000 | 11,111 | 116 | 9,887 | 133 |
| 2001 | 10,870 | 133 | 8,641 | 141 |
| 2002 | 10,663 | 116 | 8,950 | 120 |
| 2003 | 11,116 | 117 | 8,928 | 135 |
| 2004 | 11,007 | 128 | 8,827 | 142 |
| 2005 | 2/ 10,591 | 129 | 2/ 8,548 | 140 |
| 2006 | 9,434 | 144 | 7,748 | 157 |
| 2007 | 3/ 5,560 | 123 | 3/ 4,267 | 134 |
| COUNTY: 2005 | | | | |
| Honolulu | 6,824 | 73 | 5,294 | 76 |
| Hawaii | 2/ 2,168 | 32 | 2/ 1,790 | 39 |
| Kauai | 649 | 9 | 397 | 10 |
| Maui | 2/ 950 | 15 | 2/ 1,067 | 15 |
| COUNTY: 2006 | | | | |
| Honolulu | 6,371 | 81 | 4,909 | 90 |
| Hawaii | 1,586 | 34 | 1,357 | 34 |
| Kauai | 553 | 10 | 442 | 14 |
| Maui | 924 | 19 | 1,040 | 19 |
| COUNTY: 2007 | | | | |
| Honolulu | 3/ 4,532 | 61 | 3/ 3,333 | 67 |
| Hawaii | 3/ 127 | 34 | 3/ 106 | 38 |
| Kauai | 599 | 9 | 494 | 9 |
| Maui | 3/ 302 | 19 | 3/ 334 | 20 |

1/ Effective 1991, includes only accidents with damage of \$1,000 or more or causing injury or death. Effective June 20, 1995, includes only accidents with damage of \$3,000 or more or causing injury or death.

2/ Revised from previous *Data Book*.

3/ Preliminary.

Source: Hawaii State Department of Transportation, Highways Division/Traffic Branch, records.

Table 18.21-- DRIVERS INVOLVED IN FATAL CRASHES AND BLOOD ALCOHOL CONCENTRATION (BAC) OF THE DRIVER: 2004 TO 2006

[Blood alcohol concentration (BAC) is measured in grams per deciliter (g/dl), one decileter = 1/10 liter. Totals may not equal sum of county totals due to independent rounding. Also, percentages as displayed are calculated from unrounded number of estimated fatalities and may not equal those calculated from the rounded numbers (especially for counties with very few fatalities)]

| County | All drivers | No alcohol BAC = 0.00 | | Any alcohol BAC = 0.01 + | | BAC = 0.01 - 0.07 | | BAC = 0.08 + | |
|-------------------|-------------|--------------------------|---------|-----------------------------|---------|-------------------|---------|--------------|---------|
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| 2004, State total | 187 | 136 | 73 | 51 | 27 | 10 | 5 | 41 | 22 |
| Hawaii | 53 | 36 | 68 | 17 | 32 | 3 | 5 | 15 | 27 |
| Honolulu | 88 | 68 | 77 | 20 | 23 | 3 | 4 | 17 | 19 |
| Kauai | 13 | 10 | 76 | 3 | 24 | 3 | 23 | - | 1 |
| Maui | 33 | 22 | 67 | 11 | 33 | 1 | 3 | 10 | 30 |
| 2005, State total | 176 | 1/ 114 | 65 | 1/ 62 | 35 | 12 | 7 | 1/ 50 | 28 |
| Hawaii | 46 | 28 | 1/ 61 | 18 | 1/ 39 | 5 | 11 | 13 | 1/ 27 |
| Honolulu | 97 | 1/ 68 | 1/ 70 | 1/ 29 | 1/ 30 | 5 | 5 | 1/ 24 | 1/ 25 |
| Kauai | 11 | 8 | 1/ 71 | 3 | 1/ 29 | - | - | 3 | 1/ 29 |
| Maui | 22 | 10 | 45 | 12 | 55 | 2 | 9 | 10 | 45 |
| 2006, State total | 203 | 131 | 65 | 72 | 35 | 14 | 7 | 58 | 28 |
| Hawaii | 50 | 30 | 61 | 20 | 39 | 2 | 5 | 17 | 34 |
| Honolulu | 107 | 73 | 68 | 34 | 32 | 5 | 5 | 29 | 27 |
| Kauai | 18 | 12 | 64 | 7 | 36 | 1 | 7 | 5 | 29 |
| Maui | 28 | 16 | 59 | 12 | 41 | 5 | 18 | 7 | 23 |

1/ Revised from previous *Data Book*.

Source: U.S. Department of Transportation, National Highway Traffic Safety Administration (NHTSA), National Center for Statistics & Analysis (NCSA), Fatality Analysis Reporting System (FARS), FARS Web-Based Encyclopedia, FARS Encyclopedia: Reports <<http://www-fars.nhtsa.dot.gov/States/StatesAlcohol.aspx>> accessed January 22, 2008.

**Table 18.22-- REGISTERED TAXICABS AND BICYCLES, BY ISLAND:
2005 TO 2007**

| Island | Taxicabs 1/ | | | Bicycles and mopeds 2/ | | |
|----------|-------------|--------|--------|------------------------|---------|---------|
| | 2005 | 2006 | 2007 | 2005 | 2006 | 2007 |
| Hawaii | 180 | 165 | 219 | 1,485 | 1,357 | 1,662 |
| Maui | 3/ 250 | 3/ 236 | 3/ 242 | 1,709 | 3,540 | 4,124 |
| Lanai | (NA) | (NA) | (NA) | 44 | 30 | 12 |
| Molokai | (NA) | (NA) | (NA) | 35 | 19 | 11 |
| Oahu | 1,434 | 1,560 | 1,484 | 200,240 | 229,135 | 254,142 |
| Kauai 4/ | - | - | - | 437 | 278 | 405 |

NA Not available.

1/ Taxicabs are licensed annually, except in Kauai County where registration is not required.

Maui data are for the County of Maui. Oahu data are for fiscal year July 1 to June 30.

2/ Bicycles with wheels having a diameter of 20 inches or more and all mopeds, both of which were formerly licensed on an annual basis, have, since November 1, 1988, been registered biennially; see SLH 1988, Act 264, sec. 1.

3/ Total for Maui, Lanai and Molokai; data are not available separately.

4/ As of January 1, 1999, bicycles are issued a permanent bicycle tag which is good for the life of the bicycle.

Source: Compiled by the Hawaii State Department of Business, Economic Development & Tourism. Data provided by the Department of Finance of the Counties of Hawaii, Maui and Kauai, and the Department of Customer Services of the City & County of Honolulu.

**Table 18.23-- PASSENGER CAR RENTAL AND LEASING
(NAICS 53211): 1997 AND 2002**

[Includes only establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) System used in earlier Economic Censuses]

| Subject | State total | County | | | |
|---------------------------|-------------|--------|----------|--------|---------|
| | | Hawaii | Honolulu | Kauai | Maui |
| Number of establishments: | | | | | |
| 1997 | 63 | 11 | 25 | (NA) | 19 |
| 2002 | 64 | 13 | 19 | 10 | 22 |
| Revenue (\$1,000): | | | | | |
| 1997 | 347,624 | 45,172 | 154,679 | (NA) | 104,759 |
| 2002 | 478,241 | 70,509 | 208,435 | 61,100 | 138,197 |

NA Not available.

Source: U.S. Census Bureau, *1997 Economic Census, Real Estate and Rental and Leasing, Geographic Area Series, Hawaii*, EC97F53A-HI, (Aug. 1999), tables 1 and 3 <<http://www.census.gov/epcd/www/97EC53.HTM>>; *2002 Economic Census, Real Estate and Rental and Leasing, Geographic Area Series, Hawaii*, EC02-53A-HI, (Dec. 2004), tables 1 and 3 <http://www.census.gov/econ/census02/guide/02EC_HI.HTM> accessed February 25, 2005.

**Table 18.24-- MOTOR CARRIER CHARACTERISTICS, BY COUNTY:
2005 TO 2007**

[As of September]

| County | Passenger carriers 1/ | | | Property carriers 2/ | |
|-------------|-----------------------|--------------------|------------------|----------------------|--------------------|
| | Number of carriers | Number of vehicles | Seating capacity | Number of carriers | Number of vehicles |
| 2005 | | | | | |
| State total | 2,085 | 8,142 | 195,408 | 6,661 | 33,374 |
| Hawaii | 257 | 1,251 | 30,024 | 1,347 | 6,752 |
| Maui | 334 | 2,173 | 52,152 | 1,196 | 4,644 |
| Honolulu | 1,330 | 3,966 | 95,184 | 3,490 | 19,488 |
| Kauai | 164 | 752 | 18,048 | 628 | 2,490 |
| 2006 | | | | | |
| State total | 1,935 | 7,622 | 188,022 | 6,471 | 32,488 |
| Hawaii | 201 | 1,162 | 29,990 | 1,241 | 6,322 |
| Maui | 295 | 1,936 | 47,696 | 1,038 | 4,261 |
| Honolulu | 1,294 | 3,853 | 94,058 | 3,552 | 19,552 |
| Kauai | 145 | 671 | 16,278 | 640 | 2,353 |
| 2007 | | | | | |
| State total | 2,193 | 7,904 | 192,267 | 7,566 | 35,611 |
| Hawaii | 241 | 1,198 | 30,530 | 1,741 | 6,905 |
| Maui | 369 | 2,005 | 48,746 | 1,246 | 4,705 |
| Honolulu | 1,423 | 4,003 | 96,308 | 3,907 | 21,507 |
| Kauai | 160 | 698 | 16,683 | 672 | 2,494 |

1/ Includes mostly tour bus operators; excludes public transit, school buses, taxicabs, and rental car companies.

2/ Includes truckers, moving companies, etc.

Source: Compiled by Hawaii State Department of Transportation, Motor Vehicle Safety Office, records.

Table 18.25-- PUBLIC TRANSIT, FOR OAHU: 1993 TO 2007

[As of June 30. Service provided by City and County of Honolulu bus system]

| Year | Number of buses | Bus mileage 1/ | Total passengers 2/ | Revenues (dollars) |
|-------------|------------------------|-----------------------|----------------------------|---------------------------|
| 1993 | 470 | 18,120,044 | 75,557,318 | 19,837,616 |
| 1994 | 501 | 18,396,694 | 77,338,147 | 23,897,154 |
| 1995 | 508 | 19,031,466 | 72,745,086 | 25,058,736 |
| 1996 | 523 | 19,090,912 | 68,923,459 | 30,420,976 |
| 1997 | 524 | 19,452,526 | 68,634,884 | 29,804,091 |
| 1998 | 525 | 19,665,805 | 71,822,553 | 29,197,402 |
| 1999 | 525 | 19,639,602 | 66,236,147 | 27,819,265 |
| 2000 | 525 | 20,359,607 | 66,602,820 | 27,055,656 |
| 2001 | 529 | 21,710,838 | 70,384,025 | 26,963,518 |
| 2002 | 525 | 21,800,354 | 73,524,474 | 30,602,648 |
| 2003 | 525 | 21,482,533 | 69,100,627 | 30,114,566 |
| 2004 3/ | 536 | 19,380,256 | 61,297,980 | 33,652,238 |
| 2005 | 525 | 21,558,149 | 67,406,827 | 39,925,419 |
| 2006 | 525 | 21,166,957 | 70,384,355 | 41,531,437 |
| 2007 | 531 | 21,075,512 | 71,749,376 | 41,742,352 |

1/ Estimated number of vehicle miles.

2/ Estimated number of passengers, including senior citizens and disabled.

3/ Bus strike for 34 days.

Source: City and County of Honolulu, Honolulu Public Transit Authority, records; Department of Transportation Services, records.

**Table 18.26-- BUS FARE CHRONOLOGY, FOR OAHU:
1971 TO 2008**

[As of May 7, 2008. In dollars]

| Effective date | One-way cash fare | | Monthly pass | |
|--------------------|-------------------|----------|--------------|----------|
| | Adult 1/ | Youth 2/ | Adult 1/ | Youth 2/ |
| March 1, 1971 | .25 | .15 | (X) | (X) |
| March 2, 1971 | .25 | .10 | (X) | (X) |
| June 9, 1972 3/ | .25, .50 | .10, .25 | (X) | (X) |
| March 15, 1974 | .25 | .10 | (X) | (X) |
| November 1, 1979 | .50 | .25 | 15.00 | 7.50 |
| June 18, 1984 | .60 | .25 | 15.00 | 7.50 |
| October 1, 1993 | .85 | .25 | 20.00 | 7.50 |
| July 1, 1995 | 1.00 | .50 | 25.00 | 12.50 |
| July 1, 2001 | 1.50 | .75 | 27.00 | 13.50 |
| July 1, 2003 | 1.75 | .75 | 30.00 | 13.50 |
| October 1, 2003 4/ | 2.00 | 1.00 | 40.00 | 20.00 |

X Not applicable.

1/ Adult means any person over the age of 17 who does not qualify as a "youth".

2/ "Youth" means a person 6 through 17 years of age, subject to the presentation of a valid identification card establishing the age of the person. The term includes high school students, up to 19 years of age, with a valid high school identification card establishing the age of the students and the student's current enrollment, but excludes college, university and vocational training students if over the age of 17.

3/ Zone fares initiated and later eliminated.

4/ Other fares. Annual pass, adult: \$440.00, youth: \$220.00.

Adult visitor pass: \$20.00 for a four consecutive day period.

Senior citizen, a person 65 years of age or older:

one-way fare: \$1.00 with valid TheBus senior card or valid US Medicare card;

monthly pass: \$10.00 with valid State ID card, driver's license, birth certificate or passport;

monthly pass sticker: \$5.00 with valid TheBus senior card;

annual pass or renewal sticker: \$30.00 with approved application.

Person with a disability:

one-way fare: \$1.00 with valid disability bus pass or valid US Medicare card;

monthly pass: \$10.00 with approved application or valid US Medicare card;

monthly pass sticker: \$5.00 with valid disability bus pass;

annual pass or renewal sticker: \$30.00 with approved application or valid US Medicare card.

FootballExpress. One-way fare: \$3.00, roundtrip fare: \$6.00.

Source: City and County of Honolulu, Honolulu Public Transit Authority, records; Department of Transportation Services, records; TheBus Oahu Transit Services, Inc.

<<http://www.thebus.org/Fare/FarePasses.asp>> accessed May 7, 2008.

**Table 18.27-- STEAM RAILROAD MILEAGE AND PASSENGERS:
1987 TO 2007**

[The Lahaina Kaanapali & Pacific Railroad operates between Lahaina and Kaanapali on the island of Maui and the Hawaiian Railway operates in the Ewa District on the island of Oahu]

| Year | Lahaina Kaanapali & Pacific Railroad | | Hawaiian Railway | | Year | Lahaina Kaanapali & Pacific Railroad | | Hawaiian Railway | |
|------|--------------------------------------|------------|------------------|------------|------|--------------------------------------|------------|------------------|------------|
| | Miles of track | Passengers | Miles of track | Passengers | | Miles of track | Passengers | Miles of track | Passengers |
| 1987 | 6.0 | 244,555 | (NA) | (NA) | 1998 | 6.0 | (NA) | 6.5 | 19,763 |
| 1988 | 6.0 | 285,139 | (NA) | (NA) | 1999 | 6.0 | 281,161 | 7.0 | 14,733 |
| 1989 | 6.0 | 296,391 | (NA) | (NA) | 2000 | (NA) | (NA) | 7.0 | 13,962 |
| 1990 | 6.0 | 308,910 | (NA) | (NA) | 2001 | (NA) | (NA) | 7.0 | 14,982 |
| 1991 | 6.0 | 316,079 | (NA) | (NA) | 2002 | (NA) | (NA) | 7.0 | 17,882 |
| 1992 | 6.0 | 385,261 | (NA) | (NA) | 2003 | (NA) | (NA) | 7.0 | 15,970 |
| 1993 | 6.0 | 388,484 | (NA) | (NA) | 2004 | (NA) | (NA) | 7.0 | 15,013 |
| 1994 | 6.0 | 390,862 | 5.0 | 1/ 12,821 | 2005 | (NA) | (NA) | 7.0 | 16,069 |
| 1995 | 6.0 | 447,211 | 6.5 | 16,704 | 2006 | (NA) | (NA) | 7.0 | 14,869 |
| 1996 | 6.0 | 418,099 | 6.5 | 19,678 | 2007 | (NA) | (NA) | 7.0 | 15,808 |
| 1997 | 6.0 | 369,327 | 6.5 | 20,850 | | | | | |

NA Not available.

1/ Data incomplete.

Source: Lahaina Kaanapali & Pacific Railroad, records; Hawaiian Railway, records.

**Table 18.28-- AIRPORTS AND HELIPORTS, BY CONTROL,
BY ISLAND: 2006 AND 2007**

[As of December 31]

| Island | Airports 1/ | | | | Heliports 2/ | |
|---------------|-------------|------------------|----------|--------------|-------------------|--------------|
| | State 3/ | | Military | Semi-private | State: commercial | Semi-private |
| | Com-mercial | General aviation | | | | |
| 2006 | | | | | | |
| State total | 9 | 7 | 6 | 1 | - | 6 |
| Hawaii | 2 | 2 | 1 | - | - | 5 |
| Maui | 2 | 1 | - | - | - | - |
| Kahoolawe | - | - | - | - | - | - |
| Lanai | 1 | - | - | - | - | - |
| Molokai | 1 | 1 | - | - | - | - |
| Oahu | 1 | 2 | 4 | - | - | 1 |
| Kauai | 1 | 1 | 1 | 1 | - | - |
| Niihau | - | - | - | - | - | - |
| Kure Atoll 4/ | 1 | - | - | - | - | - |
| 2007 | | | | | | |
| State total | 9 | 7 | 6 | 1 | - | 6 |
| Hawaii | 2 | 2 | 1 | - | - | 5 |
| Maui | 2 | 1 | - | - | - | - |
| Kahoolawe | - | - | - | - | - | - |
| Lanai | 1 | - | - | - | - | - |
| Molokai | 1 | 1 | - | - | - | - |
| Oahu | 1 | 2 | 4 | - | - | 1 |
| Kauai | 1 | 1 | 1 | 1 | - | - |
| Niihau | - | - | - | - | - | - |
| Kure Atoll 4/ | 1 | - | - | - | - | - |

1/ Excludes private airports.

2/ Excludes military and private heliports.

3/ Three airports classified as general aviation fields (Waimea-Kohala, Hana, and Kalaupapa) provide regular air service.

4/ Owned by the U.S. Department of the Interior, Fish and Wildlife Service.

Source: Hawaii State Department of Transportation, Airports Division, records.

Table 18.29-- HONOLULU INTERNATIONAL AIRPORT AIRCRAFT OPERATIONS AND ENPLANED PASSENGERS: 2000 TO 2006

[Fiscal year ending June 30]

| Year | Aircraft operations 1/ | Enplaned passengers 2/ | Rank 3/ |
|------|------------------------|------------------------|---------|
| 2000 | 237,188 | 10,815,367 | 23 |
| 2001 | 231,388 | 10,150,357 | 24 |
| 2002 | 219,286 | 9,108,574 | 25 |
| 2003 | 213,995 | 9,148,533 | 24 |
| 2004 | 217,151 | 9,250,413 | 25 |
| 2005 | 250,780 | 9,629,674 | 26 |
| 2006 | 246,383 | 9,583,299 | 25 |

1/ Include itinerant air carrier and air taxi only.

2/ Include air carrier, commuter and international.

3/ Ranking of top 100 FAA towers by total enplanements, 1 for highest number of passengers.

Source: U.S. Department of Transportation, Federal Aviation Administration, *Terminal Area Forecast Summary* (annual) <http://www.faa.gov/data_statistics/aviation/taf_reports> accessed May 7, 2008.

Table 18.30-- AIRCRAFT OPERATIONS, BY TYPE OF AIRCRAFT, AT MAJOR STATE-OWNED AIRPORTS: 2005 TO 2007

[An FAA directive dated December 8, 1987, requires all aircraft with 60 seats or less to be designated as air taxis, even if such aircraft are operated by a designated air carrier. This reclassification especially affects the data for Molokai Airport]

| Airport | Total operations | Air carrier | Air taxi | General aviation | Military |
|------------------------|-------------------------|--------------------|-----------------|-------------------------|-----------------|
| 2005 | | | | | |
| Honolulu International | 330,506 | 183,121 | 65,728 | 66,852 | 14,805 |
| Kahului | 168,449 | 59,210 | 77,844 | 27,326 | 4,069 |
| Kona International | 154,967 | 22,497 | 22,536 | 92,792 | 17,142 |
| Lihue | 107,497 | 27,220 | 54,987 | 19,639 | 5,651 |
| Hilo International | 108,462 | 16,617 | 54,036 | 27,843 | 9,966 |
| Molokai | 39,364 | - | 26,349 | 10,977 | 2,038 |
| Kalaeloa | 164,948 | 187 | 2,617 | 142,031 | 20,113 |
| 2006 | | | | | |
| Honolulu International | 317,317 | 187,152 | 61,025 | 54,083 | 15,057 |
| Kahului | 164,992 | 67,676 | 70,272 | 24,468 | 2,576 |
| Kona International | 143,411 | 29,232 | 21,685 | 72,968 | 19,526 |
| Lihue | 118,169 | 26,551 | 61,438 | 26,287 | 3,893 |
| Hilo International | 96,724 | 17,226 | 50,485 | 20,294 | 8,719 |
| Molokai | 39,685 | 181 | 27,488 | 10,137 | 1,879 |
| Kalaeloa | 145,264 | - | 3,102 | 122,319 | 19,843 |
| 2007 | | | | | |
| Honolulu International | 310,607 | 182,185 | 65,744 | 49,207 | 13,471 |
| Kahului | 148,034 | 52,172 | 72,935 | 20,237 | 2,690 |
| Kona International | 144,537 | 32,359 | 19,635 | 75,767 | 16,776 |
| Lihue | 116,461 | 25,652 | 55,705 | 30,342 | 4,762 |
| Hilo International | 96,011 | 16,393 | 52,935 | 19,378 | 7,305 |
| Molokai | 37,615 | - | 26,821 | 9,407 | 1,387 |
| Kalaeloa | 123,184 | - | 1,706 | 102,407 | 19,071 |

Source: Hawaii State Department of Transportation, Airports Division, records.

**Table 18.31-- AIRCRAFT OPERATIONS FOR SPECIFIED AIRPORT:
1991 TO 2007**

[An aircraft operation is an aircraft arrival or departure]

| Year | Honolulu International Airport | Hilo International Airport | Kona International Airport 1/ | Kahului Airport | Lihue Airport | Molokai Airport |
|------|--------------------------------|----------------------------|-------------------------------|-----------------|---------------|-----------------|
| 1991 | 403,566 | 88,206 | 56,140 | 180,857 | 112,679 | 47,898 |
| 1992 | 403,628 | 91,055 | 63,939 | 178,752 | 103,686 | 35,662 |
| 1993 | 358,505 | 92,297 | 59,904 | 172,265 | 70,910 | 39,057 |
| 1994 | 359,569 | 86,292 | 66,438 | 179,227 | 91,582 | 38,369 |
| 1995 | 373,926 | 84,917 | 73,537 | 179,883 | 97,400 | 45,517 |
| 1996 | 372,268 | 87,862 | 77,025 | 178,590 | 106,332 | 49,221 |
| 1997 | 358,784 | 101,521 | 87,358 | 173,342 | 111,349 | 44,667 |
| 1998 | 334,046 | 112,479 | 81,285 | 180,890 | 105,979 | 49,353 |
| 1999 | 346,609 | 115,820 | 82,955 | 188,385 | 115,523 | 49,184 |
| 2000 | 345,771 | 115,546 | 98,052 | 174,855 | 113,850 | 44,691 |
| 2001 | 327,006 | 96,238 | 107,793 | 160,324 | 103,655 | 43,806 |
| 2002 | 323,726 | 97,540 | 123,704 | 157,868 | 102,426 | 43,065 |
| 2003 | 301,919 | 99,415 | 119,210 | 151,558 | 97,576 | 40,944 |
| 2004 | 320,520 | 107,880 | 137,918 | 160,552 | 104,506 | 36,757 |
| 2005 | 330,506 | 108,462 | 154,967 | 168,449 | 107,497 | 39,364 |
| 2006 | 317,317 | 96,724 | 143,411 | 164,992 | 118,169 | 39,685 |
| 2007 | 310,607 | 96,011 | 144,537 | 148,034 | 116,461 | 37,615 |

1/ Formerly Keahole Airport; effective June 16, 1997, the new name is The Kona International Airport at Keahole.

Source: Hawaii State Department of Transportation, Airports Division, records.

**Table 18.32-- TRANSPACIFIC AND INTER-ISLAND AIR CARRIERS
SERVING HAWAII: 1996 TO 2007**

[As of June 30. Includes both scheduled and nonscheduled service,
and also commuter lines and other air taxi service]

| Service | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 |
|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| All carriers | 39 | 40 | 40 | 43 | 45 | 46 |
| Transpacific only | 24 | 25 | 27 | 29 | 27 | 26 |
| Domestic | 12 | 12 | 12 | 12 | 11 | 11 |
| Foreign | 12 | 13 | 15 | 17 | 16 | 15 |
| Transpacific and interisland | 5 | 6 | 4 | 4 | 5 | 5 |
| Interisland only | 10 | 9 | 9 | 10 | 13 | 15 |
| Passenger carriers | 6 | 6 | 5 | 6 | 7 | 7 |
| Cargo and mail only | 4 | 3 | 4 | 4 | 6 | 8 |
| Service | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
| All carriers | 47 | 46 | 45 | 45 | 45 | 45 |
| Transpacific only | 27 | 28 | 26 | 27 | 1/ 28 | 29 |
| Domestic | 11 | 12 | 10 | 11 | 1/ 12 | 14 |
| Foreign | 16 | 16 | 16 | 16 | 16 | 15 |
| Transpacific and interisland | 7 | 5 | 7 | 6 | 6 | 5 |
| Interisland only | 13 | 13 | 12 | 12 | 1/ 11 | 11 |
| Passenger carriers | 7 | 7 | 7 | 6 | 6 | 5 |
| Cargo and mail only | 6 | 6 | 5 | 6 | 1/ 5 | 6 |

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Transportation, Airports Division, records;
starting 2004 data from Official Airline Guide, records; calculations by the Hawaii State
Department of Business, Economic Development & Tourism.

**Table 18.33-- ESTIMATED SCHEDULED AIRLINE SEAT CAPACITY FOR
ARRIVING FLIGHTS: 2005 TO 2007**

[Non-stop flights only, does not include charter flights]

| Airport | 2005 | 2006 | 2007 |
|------------------------|-------------|-------------|-------------|
| State of Hawaii | 10,023,606 | 10,360,886 | 10,198,556 |
| Honolulu International | 7,229,731 | 7,285,179 | 7,329,370 |
| Kahului | 1,852,814 | 1,954,782 | 1,875,590 |
| Kona International | 604,930 | 661,932 | 576,334 |
| Hilo International | (NA) | 42,175 | 49,875 |
| Lihu'e | 336,131 | 416,818 | 367,387 |
| Domestic | 7,172,245 | 7,566,024 | 7,407,930 |
| International | 2,851,361 | 2,794,862 | 2,790,626 |

NA Not available.

Source: Official Airline Guide, *FlightDisk Worldwide Edition*. Calculations by the Hawaii State Department of Business, Economic Development & Tourism, Tourism Research Branch
<<http://www.hawaii.gov/dbedt/info/visitor-stats/tourism/2007/dec07.xls>> accessed January 29, 2008.

Table 18.34-- CIVIL FLYING: 1990 TO 1993 AND 1996

| Item | 1990 | 1991 | 1992 | 1993 | 1996 |
|---------------------------------------|-------|-------|-------|-------|-------|
| Aircraft facilities, Dec. 31 | 50 | 48 | 47 | 47 | 46 |
| Airports | 34 | 33 | 32 | 32 | 30 |
| Heliports | 16 | 15 | 15 | 15 | 16 |
| Public aircraft facilities, Dec. 31 | 16 | 17 | 17 | 18 | 18 |
| Paved and lighted facilities, Dec. 31 | 12 | 12 | 13 | 13 | 13 |
| Large aircraft in operation, Dec. | 52 | 56 | 59 | 50 | (NA) |
| Aloha Airlines | 17 | 19 | 21 | 17 | (NA) |
| Hawaiian Airlines | 35 | 29 | 29 | 24 | (NA) |
| Mid Pacific Airlines | - | 8 | 9 | 9 | (NA) |
| General aviation: 1/ | | | | | |
| Active civil aircraft, Dec. 31 | 561 | 484 | 372 | 312 | 364 |
| Hours flown (1,000) | 278 | 259 | 176 | 140 | 155 |
| Active personnel, Dec. 31: | | | | | |
| Pilots, except instructors | 3,505 | 3,339 | 3,293 | 3,088 | 2,561 |
| Flight instructors | 309 | 350 | 388 | 360 | 378 |
| Nonpilot airmen 2/ | 3,306 | 3,492 | 3,711 | 3,828 | 3,850 |

NA Not available.

1/ Aircraft based in Hawaii. Data based on small samples with large standard errors (in 1996, 34.6 percent for aircraft and 52.3 percent for hours).

2/ Mechanics, parachute riggers, ground instructors, dispatchers, flight navigators, and flight engineers.

Source: U.S. Department of Transportation, Federal Aviation Administration, *FAA Statistical Handbook of Aviation* (annual).

**Table 18.35-- SELECTED STATISTICS FOR ALOHA AND HAWAIIAN
AIRLINES: 2005 AND 2006**

| Subject | Aloha Airlines | | Hawaiian Airlines | |
|--------------------------------------|----------------|--------|-------------------|--------|
| | 2005 | 2006 | 2005 | 2006 |
| Operating aircraft (year-end) | 21 | 24 | 25 | 29 |
| Employees (full-time equivalents) | 2,524 | 2,649 | 3,040 | 3,064 |
| Aircraft departures 1/ | 56,231 | 55,701 | 49,200 | 53,126 |
| Passengers enplaned (1,000) 2/ | 3,950 | 3,470 | 5,786 | 6,157 |
| Revenue passenger miles (million) 2/ | 2,151 | 1,813 | 6,617 | 6,832 |
| Cargo revenue ton miles (million) 1/ | 8 | 8 | 85 | 73 |
| Revenues (\$million) | | | | |
| Passenger 2/ | 375 | 309 | 750 | 797 |
| Operating 1/ | 429 | 395 | 824 | 882 |
| Profit/loss (\$million) | | | | |
| Operating 1/ | 7 | (26) | 32 | 12 |
| Net 3/ | (18) | (42) | (865) | (5) |

1/ All services.

2/ Scheduled services only.

3/ All services. Excludes bankruptcy-related charges (reorganization expenses and fresh-start accounting gains).

Source: Air Transport Association, Annual Reports of the U.S. Airline Industry, *ATA Economic Report* (annual) <http://www.airlines.org/economics/review_and_outlook/annual+reports.htm> accessed April 8, 2008.

Table 18.36-- RANK OF HAWAII LOCATIONS AMONG THE TOP DOMESTIC AIRLINE MARKETS: 2000 TO 2006

[Includes all commercial airports in a metropolitan area. Outbound plus inbound; does not include connecting passengers.]

| Rank | Origin or destination | Passengers (1,000) |
|---------|-----------------------|--------------------|
| 2000 | | |
| 8 | Honolulu - Kahului | 2,607 |
| 16 | Honolulu - Lihue | 1,733 |
| 24 | Honolulu - Kona | 1,466 |
| 2001 1/ | | |
| 6 | Honolulu - Kahului | 2,120 |
| 13 | Honolulu - Lihue | 1,528 |
| 21 | Honolulu - Kona | 1,218 |
| 25 | Honolulu - Hilo | 1,132 |
| 2002 1/ | | |
| 6 | Honolulu - Kahului | 2,019 |
| 13 | Honolulu - Lihue | 1,430 |
| 20 | Honolulu - Kona | 1,263 |
| 25 | Honolulu - Hilo | 1,103 |
| 2003 1/ | | |
| 6 | Honolulu - Kahului | 1,791 |
| 21 | Honolulu - Lihue | 1,220 |
| 24 | Honolulu - Kona | 1,165 |
| 2004 1/ | | |
| 13 | Honolulu - Kahului | 1,632 |
| 2005 1/ | | |
| 16 | Honolulu - Kahului | 1,534 |
| 2006 2/ | | |
| 12 | Honolulu - Kahului | 1,677 |
| 33 | Honolulu - Lihue | 1,142 |
| 35 | Honolulu - Kona | 1,113 |
| 39 | Honolulu - Hilo | 1,052 |

1/ Top 25 U.S. city pairs.

2/ Top 40 U.S. city pairs.

Source: Air Transport Association, Annual Reports of the U.S. Airline Industry, *ATA Economic Report* (annual) <http://www.airlines.org/economics/review_and_outlook/annual+reports.htm> accessed April 8, 2008.

**Table 18.37-- OVERSEAS AND INTER-ISLAND AIR PASSENGER
MOVEMENTS: 1988 TO 2007**

[Revenue and non-revenue passengers, excluding Military Airlift Command (MAC)]

| Year | Overseas passengers 1/ | | Honolulu transit | Inter-island passengers |
|------|------------------------|------------|------------------|-------------------------|
| | Arrivals | Departures | | |
| 1988 | 6,653,346 | 6,713,621 | 1,421,707 | 8,964,928 |
| 1989 | 7,022,986 | 7,234,653 | 1,167,954 | 9,634,077 |
| 1990 | 7,310,635 | 7,562,156 | 1,065,408 | 9,907,154 |
| 1991 | 7,135,595 | 7,215,323 | 1,020,464 | 9,368,576 |
| 1992 | 7,248,645 | 7,087,463 | 1,318,044 | 9,568,434 |
| 1993 | 6,924,571 | 6,907,236 | 1,298,684 | 9,345,320 |
| 1994 | 7,309,894 | 7,478,052 | 956,926 | 9,920,709 |
| 1995 | 7,517,273 | 7,692,494 | 750,495 | 10,388,281 |
| 1996 | 7,700,229 | 7,992,620 | 690,833 | 10,581,825 |
| 1997 | 7,788,367 | 7,874,798 | 706,030 | 10,448,099 |
| 1998 | 7,576,988 | 7,728,768 | 466,807 | 10,075,448 |
| 1999 | 7,699,676 | 7,737,494 | 376,236 | 10,173,069 |
| 2000 | 7,981,640 | 7,959,325 | 407,359 | 10,378,775 |
| 2001 | 7,270,532 | 7,263,415 | 275,853 | 9,169,182 |
| 2002 | 7,414,344 | 7,370,010 | 232,806 | 8,587,568 |
| 2003 | 7,492,272 | 7,472,568 | 125,253 | 7,820,545 |
| 2004 | 8,033,491 | 8,058,756 | 175,507 | 7,713,639 |
| 2005 | 8,730,582 | 8,749,733 | 100,172 | 7,867,942 |
| 2006 | 8,330,646 | 8,382,891 | 112,158 | 2/ 8,273,740 |
| 2007 | 8,920,759 | 8,910,032 | 100,783 | 9,188,139 |

1/ At airports in Honolulu, Kahului, Kona, Lihue and Hilo.

2/ Revised from previous *Data Book*.

Source: Hawaii State Department of Transportation, Airports Division, records.

Table 18.38-- PASSENGERS, CARGO, AND MAIL, OVERSEAS AND INTERISLAND, BY AIRPORT: 2006

| Airport | Passengers 1/ | | Cargo (U.S. tons) 2/ | | Mail (U.S. tons) | |
|--------------------|---------------|-----------|----------------------|----------|------------------|----------|
| | Departures | Arrivals | Outgoing | Incoming | Outgoing | Incoming |
| OVERSEAS | | | | | | |
| Total | 8,382,891 | 8,330,646 | 135,455 | 202,098 | 34,914 | 57,552 |
| Honolulu | 6,300,708 | 6,180,962 | 123,125 | 189,706 | 32,835 | 50,717 |
| Kahului | 1,350,369 | 1,381,122 | 4,924 | 7,682 | 1,111 | 4,036 |
| Kona 3/ | 497,060 | 520,969 | 7,406 | 4,571 | 968 | 2,800 |
| Lihue | 208,743 | 219,897 | - | 138 | - | - |
| Hilo | 26,011 | 27,696 | - | - | - | - |
| INTERISLAND | | | | | | |
| Total | 8,273,740 | 8,273,740 | 69,335 | 69,335 | 18,769 | 18,769 |
| Honolulu | 3,796,429 | 3,876,417 | 47,166 | 21,727 | 16,476 | 2,248 |
| Kahului | 1,490,963 | 1,468,422 | 4,543 | 13,412 | 860 | 7,733 |
| Kona 3/ | 1,026,193 | 959,930 | 3,326 | 8,575 | 359 | 4,385 |
| Lihue | 1,032,712 | 1,023,104 | 3,190 | 10,540 | 472 | 1,206 |
| Hilo | 691,235 | 703,985 | 10,422 | 12,720 | 87 | 1,945 |
| Waimea-Kohala | 2,171 | 2,331 | 1 | 2 | 367 | 887 |
| Hana | 4,311 | 4,345 | 7 | 15 | - | - |
| Kapalua | 61,041 | 64,013 | 259 | 654 | - | 2 |
| Molokai | 108,284 | 110,940 | 333 | 785 | 60 | 216 |
| Kalaupapa | 6,249 | 5,760 | 14 | 169 | 7 | 20 |
| Lanai | 53,973 | 54,420 | 74 | 735 | 81 | 128 |
| Princeville 4/ | 179 | 73 | - | - | - | - |

1/ Revenue and non-revenue passengers, excluding passengers in transit and Military Airlift Command (MAC). Overseas and interisland data were revised from previous *Data Book*.

2/ Overseas data were revised from previous *Data Book*.

3/ Formerly Keahole Airport.

4/ Leased by the State of Hawaii.

Source: Hawaii State Department of Transportation, Airports Division, records.

Table 18.39-- PASSENGERS, CARGO, AND MAIL, OVERSEAS AND INTERISLAND, BY AIRPORT: 2007

| Airport | Passengers 1/ | | Cargo (U.S. tons) | | Mail (U.S. tons) | |
|--------------------|---------------|-----------|-------------------|----------|------------------|----------|
| | Departures | Arrivals | Outgoing | Incoming | Outgoing | Incoming |
| OVERSEAS | | | | | | |
| Total | 8,910,032 | 8,920,759 | 131,237 | 214,181 | 31,359 | 58,818 |
| Honolulu | 6,482,093 | 6,407,656 | 118,825 | 200,480 | 30,050 | 51,061 |
| Kahului | 1,597,194 | 1,635,918 | 5,157 | 9,531 | 678 | 4,544 |
| Kona 2/ | 478,014 | 514,766 | 7,254 | 3,789 | 631 | 3,213 |
| Lihue | 318,338 | 325,350 | - | 380 | - | - |
| Hilo | 34,393 | 37,069 | - | - | - | - |
| INTERISLAND | | | | | | |
| Total | 9,188,139 | 9,188,139 | 70,106 | 70,106 | 17,559 | 17,559 |
| Honolulu | 4,225,298 | 4,295,504 | 47,222 | 22,527 | 15,699 | 1,859 |
| Kahului | 1,644,999 | 1,636,703 | 4,267 | 13,412 | 875 | 7,172 |
| Kona 2/ | 1,133,746 | 1,050,163 | 3,221 | 8,085 | 154 | 4,069 |
| Lihue | 1,159,455 | 1,152,251 | 3,546 | 10,795 | 354 | 1,122 |
| Hilo | 787,233 | 808,441 | 11,165 | 12,945 | 37 | 1,941 |
| Waimea-Kohala | 1,097 | 1,193 | - | 1 | 301 | 896 |
| Hana | 2,619 | 2,652 | 6 | 4 | - | - |
| Kapalua | 51,177 | 53,883 | 253 | 617 | 30 | 82 |
| Molokai | 114,999 | 119,400 | 329 | 804 | 85 | 270 |
| Kalaupapa | 3,695 | 4,088 | 12 | 146 | 5 | 15 |
| Lanai | 63,803 | 63,843 | 84 | 771 | 19 | 134 |
| Princeville 3/ | 18 | 18 | - | - | - | - |

1/ Revenue and non-revenue passengers, excluding passengers in transit and Military Airlift Command (MAC).

2/ Formerly Keahole Airport.

3/ Leased by the State of Hawaii.

Source: Hawaii State Department of Transportation, Airports Division, records.

Table 18.40-- AIR CARGO AND AIRMAIL: 1989 TO 2007

[In thousands of pounds]

| Calendar year | Overseas air cargo | | Overseas airmail | | Interisland | |
|---------------|--------------------|----------|------------------|----------|--------------------------------|------------------------------|
| | Outgoing | Incoming | Outgoing | Incoming | Air cargo: outgoing & incoming | Airmail: outgoing & incoming |
| 1989 | 313,402 | 301,674 | 28,258 | 33,542 | 146,960 | 20,706 |
| 1990 | 295,326 | 337,724 | 32,022 | 38,198 | 145,418 | 22,848 |
| 1991 | 306,376 | 342,032 | 33,658 | 44,281 | 144,104 | 23,673 |
| 1992 | 305,224 | 305,658 | 39,268 | 66,052 | 153,912 | 25,594 |
| 1993 | 307,302 | 255,516 | 52,324 | 112,970 | 147,054 | 26,406 |
| 1994 | 339,086 | 308,962 | 47,921 | 121,964 | 148,904 | 27,964 |
| 1995 | 336,764 | 276,416 | 49,056 | 118,098 | 149,174 | 27,646 |
| 1996 | 355,466 | 296,856 | 48,654 | 114,408 | 160,784 | 29,572 |
| 1997 | 424,990 | 363,598 | 51,212 | 110,336 | 173,154 | 31,272 |
| 1998 | 508,858 | 311,196 | 56,902 | 107,039 | 140,034 | 40,548 |
| 1999 | 414,678 | 359,426 | 61,410 | 110,975 | 138,368 | 47,786 |
| 2000 | 359,762 | 320,502 | 59,480 | 110,396 | 142,380 | 60,768 |
| 2001 | 242,956 | 204,588 | 50,680 | 102,582 | 150,074 | 42,866 |
| 2002 | 320,952 | 335,252 | 51,492 | 98,266 | 148,104 | 30,138 |
| 2003 | 392,530 | 368,656 | 72,564 | 93,030 | 146,188 | 34,916 |
| 2004 | 304,544 | 403,002 | 55,330 | 88,069 | 145,364 | 41,995 |
| 2005 | 298,381 | 409,956 | 60,351 | 101,662 | 144,955 | 48,445 |
| 2006 | 270,910 | 404,195 | 69,827 | 115,104 | 138,670 | 37,538 |
| 2007 | 262,473 | 428,361 | 62,718 | 117,636 | 140,212 | 35,117 |

Source: Hawaii State Department of Transportation, Airports Division, records.

**Table 18.41-- NON-STOP FLIGHTS TO DEPART STATE OF HAWAII,
BY DESTINATION: JULY 2007**

[Transpacific flights to depart from the State of Hawaii during a one-week period,
including scheduled and chartered flights]

| Destination | Flights during week | Destination | Flights during week |
|---------------------|----------------------------|-------------------------|----------------------------|
| Transpacific | 902 | Canada | 14 |
| | | Vancouver | 14 |
| U.S. | 726 | Japan | 109 |
| West | 642 | Nagoya | 14 |
| Denver | 15 | Osaka | 21 |
| Las Vegas | 29 | Tokyo | 74 |
| Los Angeles | 219 | Other Asia | 10 |
| Oakland | 65 | Seoul | 7 |
| Ontario | 7 | Taipei | 3 |
| Orange County | 21 | Australia / New Zealand | 21 |
| Phoenix | 57 | Auckland | 3 |
| Portland | 21 | Melbourne | 2 |
| Sacramento | 18 | Sydney | 16 |
| Salt Lake City | 14 | Other | 22 |
| San Diego | 22 | Christmas Island | 1 |
| San Francisco | 104 | Guam | 7 |
| San Jose | 7 | Kwajalin | 1 |
| Seattle | 43 | Majuro | 4 |
| East | 84 | Manila | 3 |
| Atlanta | 11 | Nadi | 2 |
| Chicago | 21 | Pago Pago | 3 |
| Cincinnati | 3 | Papeete | 1 |
| Dallas / Fort Worth | 21 | | |
| Houston | 14 | | |
| Minneapolis | 7 | | |
| New York | 7 | | |

Source: Official Airline Guide, records; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 18.42-- ONE-WAY FARES FOR INTER-ISLAND FLIGHTS BY
HAWAIIAN AIRLINES: 2003 TO 2007**

[As of July 1]

| Category | 2003 | 2004 | 2005 | 2006 | 2007 |
|---------------------------------|-------------|-------------|-------------|-------------|-------------|
| Regular fare | 119.00 | 139.60 | 144.70 | 167.80 | 182.90 |
| Lowest capacity-controlled fare | 69.00 | 81.60 | 91.70 | 44.80 | 44.90 |

Source: Hawaiian Airlines, records.

**Table 18.43-- AIR FARES BETWEEN HONOLULU AND LOS ANGELES,
SAN FRANCISCO, AND SEATTLE, FOR UNITED AIRLINES:
2004 AND 2005**

[Weekdays, in dollars. Additional charges are as follows. Tickets purchased through United reservation offices are \$5 per ticket higher and tickets purchased at airport ticket counters are \$10 per ticket higher. Fares purchased through other distribution channels may also be higher. Fares do not include the September 11th security fee of up to \$10 maximum per roundtrip or passenger facility charges of up to \$18, which may be collected depending on the itinerary. Fares do not include a \$7.00 (each way) departure tax]

| Fare category | Los Angeles | San Francisco | Seattle |
|---------------------------------------|-------------|---------------|---------|
| 2004 1/ | | | |
| One-way | | | |
| First class | 1,201 | 1,251 | 1,444 |
| Coach | 714 | 714 | 796 |
| Round-trip | | | |
| First class | 2,402 | 2,502 | 2,888 |
| Coach | 1,428 | 1,428 | 1,592 |
| Lowest round-trip (with restrictions) | 576 | 576 | 716 |
| 2005 2/ | | | |
| One-way | | | |
| First class | 1,216 | 1,216 | 1,459 |
| Coach | 829 | 829 | 911 |
| Round-trip | | | |
| First class | 2,432 | 2,432 | 2,918 |
| Coach | 1,615 | 1,658 | 1,822 |
| Lowest round-trip (with restrictions) | 507 | 506 | 510 |

1/ As of May 3.

2/ As of June 2.

Source: United Airlines, records.

Table 18.44-- STATE COMMERCIAL HARBORS: 2007

| Island and harbor | Harbor entrance depth (feet) | Harbor basin | | | Piers (linear feet) | Storage area (1,000 square feet) | |
|-------------------|------------------------------|--------------|---------------|--------------|---------------------|----------------------------------|-------|
| | | Depth (feet) | Length (feet) | Width (feet) | | Shedded | Open |
| Hawaii: | | | | | | | |
| Hilo | 35 | 35 | 2,300 | 1,400 | 2,749 | 122 | 906 |
| Kawaihae | 40 | 35 | 1,500 | 1,450 | 1,627 | 23 | 680 |
| Maui: | | | | | | | |
| Kahului | 35 | 35 | 2,400 | 2,050 | 3,319 | 44 | 1,401 |
| Molokai: | | | | | | | |
| Kaunakakai | 23 | 23 | 1,500 | 600 | 691 | 7.4 | 125 |
| Lanai: | | | | | | | |
| Kaunapali | 60 | 20-60 | (NA) | (NA) | 400 | - | 100 |
| Oahu: | | | | | | | |
| Honolulu Main | } 45 | 40 | { 3,300 | 1,520 | } 29,872 | 1,298 | 8,940 |
| Kapalama | | | { 3,400 | 1,000 | | | |
| Kalaheo | } 42 | 38 | 2,100 | 1,800 | 2,990 | 36 | 1,838 |
| Barbers Point | | | | | | | |
| Kauai: | | | | | | | |
| Nawiliwili | 40 | 35 | 1,950 | 1,540 | 1,916 | 76 | 1,372 |
| Port Allen | 35 | 35 | 1,500 | 1,200 | 1,200 | 35 | 32 |

NA Not available.

Source: Hawaii State Department of Transportation, Harbors Division, records.

Table 18.45-- HARBOR DEPTHS: 2006

[In feet]

| Harbor | Controlling depth | | Project depth | |
|---------------|-------------------|-------|------------------|-------|
| | Entrance channel | Basin | Entrance channel | Basin |
| Hilo | (NA) | 34 | (NA) | 35 |
| Kawaihae | 42 | 36 | 40 | 35 |
| Kahului | (NA) | 34 | (NA) | 35 |
| Barbers Point | 42 | 37 | 42 | 1/ 38 |
| Honolulu | 45 | 2/ 40 | 45 | 3/ 40 |
| Nawiliwili | 4/ 41 | 34 | 40 | 35 |

NA Not available.

1/ 21 feet in light-draft harbor basin.

2/ 40 feet in Kapalama Basin and in connecting channel.

3/ 40 feet in connecting channel, 23 feet in Kalihi channel.

4/ Outer and inner channel.

Source: U.S. Army Corps of Engineers, Institute for Water Resources, *Waterborne Commerce of the United States Calendar Year 2006 , Part 4 Waterways and Harbors Pacific Coast, Alaska and Hawaii, Section 1 Freight Traffic* <<http://www.iwr.usace.army.mil/ndc/wsc/wsc.htm>> accessed May 6, 2008.

**Table 18.46-- SMALL CRAFT MOORING FACILITIES,
BY ISLAND: DECEMBER 31, 2007**

| Island | Catwalks and piers | | Other mooring areas | | Offshore mooring | |
|-------------|--------------------|--------|---------------------|--------|------------------|--------|
| | Capacity | Moored | Capacity | Moored | Capacity | Moored |
| State total | 1,838 | 1,572 | 214 | 182 | 1/ 539+ | 444 |
| Hawaii | 378 | 345 | 30 | 21 | 1/ 100+ | 94 |
| Maui | 188 | 187 | - | - | 150 | 105 |
| Oahu | 1,147 | 916 | 168 | 145 | 1/ 250+ | 231 |
| Kauai | 125 | 124 | 16 | 16 | 39 | 14 |

1/ '+' means equal or greater (=>) than the number shown.

Source: Hawaii State Department of Land and Natural Resources, Division of Boating and Ocean Recreation, records.

**Table 18.47-- LIGHTHOUSES AND RELATED FACILITIES, BY ISLAND:
DECEMBER 2006**

[Includes all lights, day beacons, buoys, and similar aids to navigation in the Hawaiian Archipelago]

| Island | Number of aids to navigation | | | | Greatest nominal range (naut. miles) | Highest above-- | |
|-----------|------------------------------|---------|----------|--------------|--------------------------------------|------------------|---------------|
| | By control | | | Light-houses | | Sea level (feet) | Ground (feet) |
| | Total | Federal | Other 1/ | | | | |
| Total | 764 | 448 | 316 | 17 | 2/ 25 | 3/ 931 | 4/ 138 |
| Hawaii | 75 | 57 | 18 | 6 | 24 | 156 | 115 |
| Maui | 70 | 26 | 44 | 2 | 15 | 186 | 48 |
| Molokini | 1 | 1 | - | - | 7 | 182 | 30 |
| Kahoolawe | 1 | 1 | - | - | 7 | 120 | 20 |
| Lanai | 9 | 9 | - | - | 8 | 91 | 13 |
| Molokai | 28 | 11 | 17 | 1 | 21 | 321 | 138 |
| Oahu | 294 | 158 | 136 | 4 | 25 | 931 | 71 |
| Kauai | 58 | 28 | 30 | 4 | 24 | 174 | 80 |
| Niihau | - | - | - | - | - | - | - |
| Lehua | 1 | 1 | - | - | 7 | 704 | - |
| Midway | 19 | 19 | - | - | - | 51 | 38 |
| At sea | 208 | 137 | 71 | - | - | - | - |

1/ State and private. Includes State-maintained fish aggregating buoys at sea.

2/ Kaena Point Light and Kilauea Light.

3/ Kaena Point Light.

4/ Molokai Light.

Source: United States Coast Guard, Fourteenth Coast Guard District, records.

**Table 18.48-- UNDOCUMENTED VESSEL REGISTRATION:
DECEMBER 31, 2007**

| Subject | Number | Subject | Number |
|-------------------------|--------|-------------------------------------|--------|
| Registered vessels | 15,094 | Type of vessel: | |
| Length | | Aux. powered sailing vessel | 1,056 |
| Under 16 feet | 5,695 | Cabin motorboat | 2,562 |
| 16 to less than 26 feet | 7,443 | Open motorboat | 5,693 |
| 26 to less than 40 feet | 1,736 | Runabout | 2,421 |
| 40 to 65 feet | 211 | Sail only | 632 |
| Over 65 feet | 9 | Houseboat | 3 |
| Hull material | | Motor vessel over 65 feet in length | 13 |
| Aluminum | 494 | Thrill craft | 1,798 |
| Fiberglass / plastic | 13,087 | Other | 916 |
| Rubber / fabric | 677 | Uses: | |
| Wood | 661 | Pleasure | 13,863 |
| Other | 137 | Commercial fishing | 348 |
| Steel | 38 | Charter fishing | 14 |
| Unknown | - | Commercial passenger | 254 |
| Propulsion | | Other commercial | 132 |
| Inboard | 6,762 | Livery | 131 |
| Outboard | 2,624 | Dealer | 13 |
| Inboard / outboard | 1,999 | Manufacturer | 4 |
| Sail / inboard | 599 | Youth group - fee exempt | 49 |
| Sail / outboard | 518 | Government - fee exempt | 258 |
| Sail only | 533 | Other | 28 |
| Manual | 111 | Island where vessel is kept: | |
| Other | 76 | Hawaii | 2,632 |
| Unknown | - | Kauai | 1,539 |
| Waterjet | 1,872 | Lanai | 87 |
| Mooring location | | Maui | 1,753 |
| Moored on water | 3,131 | Molokai | 202 |
| Moored on land | 11,963 | Oahu | 8,881 |
| Not disclosed | - | Not specified | - |

Source: Hawaii State Department of Land and Natural Resources, Division of Boating and Ocean Recreation, *State of Hawaii Report of Undocumented Vessel Registration* (annual).

**Table 18.49-- NUMBERED VESSELS REGISTERED IN HAWAII:
1997 TO 2007**

[Non-documented numbered vessels registered with the Hawaii State Department of Land & Natural Resources, Division of Boating & Ocean Recreation. Any mechanically propelled boat (including those with auxiliary engines), and any boat powered solely by sail if over eight feet in length, must be numbered. As of December 31]

| Year | Number of vessels | Year | Number of vessels |
|-------------|--------------------------|-------------|--------------------------|
| 1997 | 15,138 | 2003 | 15,587 |
| 1998 | 15,138 | 2004 | 17,130 |
| 1999 | 15,481 | 2005 | 15,302 |
| 2000 | 14,874 | 2006 | 15,015 |
| 2001 | 14,273 | 2007 | 15,094 |
| 2002 | 15,445 | | |

Source: U.S. Coast Guard, Marine Safety Office, records; Hawaii State Department of Land and Natural Resources, Division of Boating and Ocean Recreation, *State of Hawaii Report of Undocumented Vessel Registration* (annual).

Table 18.50-- BOATING ACCIDENTS: 1991 TO 2007

| Year | Number of accidents | | Number of persons | | Number of vessels involved | Amount of damage (\$1,000) |
|------|---------------------|-------|-------------------|----------------------|----------------------------|----------------------------|
| | Total | Fatal | Killed | Injured, not fatally | | |
| 1991 | 19 | 3 | 5 | 14 | 19 | 189.5 |
| 1992 | 19 | (NA) | 3 | 5 | (NA) | 472.4 |
| 1993 | 19 | 3 | 3 | 4 | 25 | 219.4 |
| 1994 | 25 | 3 | 4 | 9 | 28 | 256.9 |
| 1995 | 91 | (NA) | 18 | (NA) | (NA) | (NA) |
| 1996 | 46 | (NA) | 3 | (NA) | (NA) | (NA) |
| 1997 | 43 | (NA) | 3 | (NA) | (NA) | (NA) |
| 1998 | 42 | (NA) | 4 | (NA) | (NA) | (NA) |
| 1999 | 26 | 1 | 1 | 11 | (NA) | (NA) |
| 2000 | 22 | 2 | 2 | 11 | 22 | 244.8 |
| 2001 | 19 | 3 | 3 | 5 | 18 | 46.0 |
| 2002 | 22 | 2 | 2 | 7 | 24 | 118.0 |
| 2003 | 30 | 1 | 1 | 10 | 38 | 82.3 |
| 2004 | 24 | 1/ 5 | 5 | 6 | 32 | 107.2 |
| 2005 | 22 | 4 | 4 | 7 | 24 | 35.9 |
| 2006 | 30 | 7 | 7 | 6 | 32 | 431.3 |
| 2007 | 18 | 4 | 4 | 4 | 22 | 1,190.0 |

NA Not available.

1/ Only two are termed U.S. Coast Guard reportable.

Source: U.S. Department of Transportation, Coast Guard, *Boating Statistics* (annual); Hawaii State Department of Transportation, Harbors Division, Boating Branch, *Recreational Boating Accident Statistics (Reportable) 1989 to 1991*; Hawaii State Department of Land and Natural Resources, Division of Boating and Ocean Recreation, *Recreational Boating Accident Statistics* (annual).

Table 18.51-- VESSEL ARRIVALS, BY DRAFT: 2005 AND 2006

[Excludes domestic fishing craft]

| Harbor | 2005 | | | 2006 | | |
|---------------|-------|------------------|------------------|-------|------------------|------------------|
| | Total | 18 feet and less | 19 feet and more | Total | 18 feet and less | 19 feet and more |
| Hilo | 979 | 768 | 211 | 984 | 667 | 317 |
| Kawaihae | 877 | 876 | 1 | 809 | 798 | 11 |
| Kahului | 1,420 | 1,255 | 165 | 1,426 | 1,143 | 283 |
| Barbers Point | 1,337 | 1,262 | 75 | 1,329 | 1,187 | 142 |
| Honolulu | 4,395 | 3,584 | 811 | 4,181 | 3,290 | 891 |
| Nawiliwili | 738 | 582 | 156 | 805 | 627 | 178 |
| Kalaupapa 1/ | 5 | 5 | - | 3 | 3 | - |
| Kaunakakai 2/ | 306 | 306 | - | 273 | 273 | - |
| Port Allen | 3/ 26 | 26 | - | 4/ 30 | (NA) | (NA) |

NA Not available.

1/ 14 feet and less.

2/ 17 feet and less.

3/ 16 feet and less.

4/ 24 feet and less.

Source: U.S. Army Corps of Engineers, Institute for Water Resources, *Waterborne Commerce of the United States Calendar Year 2005, Part 4 Waterways and Harbors Pacific Coast, Alaska and Hawaii, Section 2 Trips and Drafts of Vessels*; *Waterborne Commerce of the United States Calendar Year 2006, Part 4 Waterways and Harbors Pacific Coast, Alaska and Hawaii, Section 2 Trips and Drafts of Vessels* <<http://www.iwr.usace.army.mil/ndc/wcsc/wcsc.htm>> accessed May 6, 2008.

Table 18.52-- SHIP ARRIVALS AND CARGO TONNAGE AT THE PORT OF HONOLULU: 1985 TO 2007

[Cargo tonnage in short tons, based on wharfage/tariff. Fiscal years ending June 30]

| Year | Overseas vessels | | Inter-island vessels | |
|---------|------------------|---------------|----------------------|---------------|
| | Number | Cargo tonnage | Number | Cargo tonnage |
| 1985 | 1,749 | 5,071,250 | 2,412 | 1,884,925 |
| 1986 | 1,825 | 5,379,135 | 2,697 | 2,121,858 |
| 1987 | 2,080 | 5,736,005 | 2,848 | 2,135,235 |
| 1988 | 2,014 | 6,586,749 | 3,172 | 2,746,776 |
| 1989 | 2,024 | 6,877,963 | 3,101 | 2,892,709 |
| 1990 | 2,159 | 7,439,568 | 3,212 | 2,917,984 |
| 1991 | 2,066 | 6,939,735 | 3,190 | 3,962,085 |
| 1992 | 2,104 | 8,235,947 | 3,207 | 3,101,050 |
| 1993 | 1,918 | 7,462,619 | 2,440 | 2,731,645 |
| 1994 | 1,603 | 6,434,257 | 2,737 | 2,372,971 |
| 1995 | 1,790 | 6,064,842 | 2,996 | 2,096,597 |
| 1996 | 1,650 | 6,150,398 | 2,831 | 2,349,354 |
| 1997 | 1,604 | 6,244,158 | 2,679 | 2,312,266 |
| 1998 | 1,320 | 6,732,716 | 4,309 | 1,765,496 |
| 1999 | 1,262 | 5,721,503 | 2,249 | 1,730,662 |
| 2000 | 1,292 | 6,325,580 | 2,215 | 1,872,074 |
| 2001 | 1,295 | 6,467,388 | 2,280 | 1,863,218 |
| 2002 | 1,270 | 6,425,288 | 2,663 | 1,796,910 |
| 2003 | 1,169 | (NA) | 2,521 | (NA) |
| 2004 1/ | 1,133 | 6,671,523 | 2,418 | 1,892,904 |
| 2005 1/ | 1,121 | 7,013,833 | 2,580 | 2,212,657 |
| 2006 1/ | 1,061 | 7,141,689 | 2,972 | 2,335,518 |
| 2007 1/ | 1,027 | 7,474,649 | 3,157 | 2,504,483 |

NA Not available.

1/ As of fiscal year 2004, cargo tonnage does not include tonnage for bunkering, that is fuel for the use of the vessel to which the fuel is delivered.

Source: Hawaii State Department of Transportation, Harbors Division, records.

**Table 18.53-- CRUISE SHIP PASSENGER ARRIVALS AND DEPARTURES,
FOR HONOLULU HARBOR: 2002 TO 2007**

[Fiscal years ending June 30. Includes cruise ships from out-of-state
and cruise ships home-ported in Hawaii]

| Type of passenger | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|--------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| In | 150,744 | 222,139 | 177,701 | 250,733 | 342,333 | 469,054 |
| Out | 165,828 | 219,038 | 175,382 | 253,104 | 363,165 | 487,063 |

Source: Hawaii State Department of Transportation, Harbors Division, records.

**Table 18.54-- WATERBORNE COMMERCE FOR SPECIFIED HARBORS:
1993 TO 2006**

[In 1,000 short tons. Excludes cargo carried by Army and Navy vessels and cargo in transit]

| Year | Hilo | Kawaihae | Kahului | Barbers Point | Honolulu | Nawiliwili |
|-------------|-------------|-----------------|----------------|----------------------|-----------------|-------------------|
| 1993 | 1,469 | 655 | 2,216 | 9,357 | 10,595 | 1,283 |
| 1994 | 1,455 | 736 | 2,368 | 9,022 | 11,672 | 1,151 |
| 1995 | 1,354 | 873 | 2,586 | 8,233 | 11,545 | 1,130 |
| 1996 | 1,442 | 969 | 2,828 | 8,745 | 12,010 | 1,203 |
| 1997 | 1,489 | 980 | 2,895 | 1/ 10,513 | 1/ 10,353 | 1,091 |
| 1998 | 1,630 | 886 | 2,851 | 1/ 9,193 | 1/ 11,187 | 938 |
| 1999 | 1,701 | 1,090 | 3,513 | 1/ 9,490 | 1/ 11,475 | 1,348 |
| 2000 | 1,651 | 1,310 | 3,477 | 1/ 9,364 | 1/ 12,915 | 1,581 |
| 2001 | 1,680 | 1,378 | 3,695 | 1/ 9,226 | 1/ 13,415 | 1,478 |
| 2002 | 1,765 | 1,645 | 3,458 | 1/ 8,840 | 1/ 13,786 | 1,619 |
| 2003 | 1,850 | 1,801 | 3,778 | 1/ 9,892 | 1/ 13,873 | 1,721 |
| 2004 | 1,850 | 2,277 | 3,901 | 1/ 10,290 | 1/ 14,882 | 1,757 |
| 2005 | 1,996 | 2,217 | 4,132 | 1/ 11,596 | 1/ 15,141 | 1,977 |
| 2006 | 2,408 | 2,728 | 4,794 | 10,724 | 16,224 | 1,864 |

1/ Revised from previous *Data Book*.

Source: U.S. Army Corps of Engineers, Institute for Water Resources, *Waterborne Commerce of the United States Calendar Year 2006, Part 4 Waterways and Harbors Pacific Coast, Alaska and Hawaii, Section 1 Freight Traffic* <<http://www.iwr.usace.army.mil/ndc/wcsc/wcsc.htm>> accessed May 6, 2008.

**Table 18.55-- WATERBORNE COMMERCE, FOREIGN AND DOMESTIC,
FOR SPECIFIED HARBORS: 2006**

[In 1,000 short tons. Categories may not sum to totals because of rounding]

| Category | Hilo | Kawaihae | Kahului | Barbers Point | Honolulu | Nawiliwili |
|----------------------------|-------------|-----------------|----------------|----------------------|-----------------|-------------------|
| All freight traffic | 2,408 | 2,728 | 4,794 | 10,724 | 16,224 | 1,864 |
| Foreign | | | | | | |
| Inbound | 17 | - | 72 | 1/ 8,153 | 2/ 743 | 23 |
| Outbound | 5 | - | - | 308 | 405 | - |
| Canadian | | | | | | |
| Inbound | - | - | - | 91 | 32 | - |
| Outbound | - | - | - | 5 | - | - |
| Domestic | | | | | | |
| Coastwise | 2,386 | 2,728 | 4,722 | 2,121 | 15,045 | 1,841 |
| Receipts | 1,600 | 1,531 | 2,862 | 413 | 8,175 | 1,249 |
| Shipments | 786 | 1,197 | 1,859 | 1,708 | 6,869 | 592 |
| Internal, inbound, upbound | - | - | - | 47 | - | - |

1/ Includes 1,986 tons of foreign inbound in-transits.

2/ Includes 3,278 tons of foreign inbound in-transits.

Source: U.S. Army Corps of Engineers, Institute for Water Resources, *Waterborne Commerce of the United States Calendar Year 2006, Part 4 Waterways and Harbors Pacific Coast, Alaska and Hawaii, Section 1 Freight Traffic* <<http://www.iwr.usace.army.mil/ndc/wcsc/wcsc.htm>> accessed May 6, 2008.

**Table 18.56-- WATERBORNE COMMERCE, BY SELECTED COMMODITIES,
FOR SPECIFIED HARBORS: 2006**

[In 1,000 short tons. Categories may not sum to totals due to rounding]

| Port and commodity | All commo- dities | Foreign | | Canadian | | Domestic | | | |
|--|-------------------------|----------|----------|----------|----------|----------|-----------|-----------|-------------|
| | | Inbound | Outbound | Inbound | Outbound | Total | Coastwise | | Internal 1/ |
| | | | | | | | Receipts | Shipments | |
| Hilo | 2,408 | 17 | 5 | - | - | 2,386 | 1,600 | 786 | - |
| Petroleum and petroleum products | 470 | 6 | 1 | - | - | 463 | 463 | - | - |
| Primary manufactured goods | 1,384 | - | - | - | - | 1,384 | 750 | 634 | - |
| Food and farm products | 170 | 1 | 1 | - | - | 168 | 114 | 54 | - |
| Manufactured equipment, machinery and products | 309 | 3 | - | - | - | 306 | 230 | 76 | - |
| Kawaihae | 2,728 | - | - | - | - | 2,728 | 1,531 | 1,197 | - |
| Petroleum and petroleum products | 5 | - | - | - | - | 5 | 5 | - | - |
| Primary manufactured goods | 2,021 | - | - | - | - | 2,021 | 1,024 | 997 | - |
| Food and farm products | 252 | - | - | - | - | 252 | 144 | 107 | - |
| Manufactured equipment, machinery and products | 383 | - | - | - | - | 383 | 302 | 81 | - |
| Kahului | 4,794 | 72 | - | - | - | 4,722 | 2,862 | 1,859 | - |
| Petroleum and petroleum products | 538 | 5 | - | - | - | 533 | 533 | - | - |
| Primary manufactured goods | 2,969 | 3 | - | - | - | 2,966 | 1,563 | 1,402 | - |
| Food and farm products | 444 | - | - | - | - | 444 | 226 | 218 | - |
| Manufactured equipment, machinery and products | 671 | 2 | - | - | - | 669 | 460 | 209 | - |
| Barbers Point | 10,724 | 2/ 8,153 | 308 | 91 | 5 | 2,168 | 413 | 1,708 | 47 |
| Petroleum and petroleum products | 8,906 | 7,006 | 180 | - | 5 | 1,714 | 178 | 1,493 | 44 |
| Primary manufactured goods | 788 | 435 | 59 | - | - | 295 | 91 | 204 | - |
| Honolulu | 16,224 | 3/ 743 | 405 | 32 | - | 15,045 | 8,175 | 6,869 | - |
| Petroleum and petroleum products | 718 | 398 | 195 | 11 | - | 114 | 78 | 35 | - |
| Primary manufactured goods | 7,899 | 76 | 21 | - | - | 7,802 | 3,821 | 3,981 | - |
| Food and farm products | 2,328 | 64 | 47 | 21 | - | 2,195 | 1,297 | 898 | - |
| Manufactured equipment, machinery and products | 4,451 | 86 | 5 | - | - | 4,360 | 2,680 | 1,680 | - |

Continued on next page.

**Table 18.56-- WATERBORNE COMMERCE, BY SELECTED COMMODITIES,
FOR SPECIFIED HARBORS: 2006 -- Con.**

| Port and commodity | All commodities | Foreign | | Canadian | | Domestic | | | |
|--|-----------------|---------|----------|----------|----------|----------|-----------|-----------|-------------|
| | | Inbound | Outbound | Inbound | Outbound | Total | Coastwise | | Internal 1/ |
| | | | | | | | Receipts | Shipments | |
| Nawiliwili | 1,864 | 23 | - | - | - | 1,841 | 1,249 | 592 | - |
| Petroleum and petroleum products | 92 | 2 | - | - | - | 90 | 90 | - | - |
| Primary manufactured goods | 1,190 | - | - | - | - | 1,190 | 744 | 445 | - |
| Food and farm products | 138 | - | - | - | - | 138 | 102 | 36 | - |
| Manufactured equipment, machinery and products | 372 | - | - | - | - | 372 | 273 | 99 | - |

1/ Includes internal, inbound and upbound.

2/ Includes 1,986 tons of foreign inbound in-transits.

3/ Includes 3,278 tons of foreign inbound in-transits.

Source: U.S. Army Corps of Engineers, Institute for Water Resources, *Waterborne Commerce of the United States Calendar Year 2006, Part 4 Waterways and Harbors Pacific Coast, Alaska and Hawaii, Section 1 Freight Traffic* <<http://www.iwr.usace.army.mil/ndc/wcsc/wcsc.htm>> accessed May 6, 2008.

Table 18.57-- TRANSPORTATION AND WAREHOUSING, EMPLOYMENT AND WAGES (NAICS 48-49), SELECTED CODES: 2006

[Includes only establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to 1997]

| NAICS code | Kind of business | Average establishments | Annual average employment | Total annual wages (\$1,000) | Annual wages per employee |
|------------|---------------------------------------|------------------------|---------------------------|------------------------------|---------------------------|
| | Total | 957 | 29,830 | 1,068,020 | 35,803 |
| 481 | Air transportation | 78 | 10,126 | 383,091 | 37,834 |
| 4811 | Scheduled air transportation | 59 | 9,871 | 370,212 | 37,507 |
| 483 | Water transportation | 21 | 5,014 | 176,517 | 35,205 |
| 484 | Truck transportation | 188 | 3,205 | 119,987 | 37,436 |
| 4841 | General freight trucking | 85 | 1,773 | 67,445 | 38,035 |
| 4842 | Specialized freight trucking | 103 | 1,432 | 52,543 | 36,694 |
| 485 | Transit & ground passenger transp. | 117 | 2,138 | 40,088 | 18,750 |
| 4853 | Taxi & limousine service | 55 | 379 | 7,926 | 20,935 |
| 48531 | Taxi service | 24 | 148 | 2,683 | 18,078 |
| 48532 | Limousine service | 31 | 230 | 5,243 | 22,777 |
| 4854 | School & employee bus transp. | 20 | 1,003 | 16,847 | 16,805 |
| 4859 | Other ground passenger transp. | 41 | 757 | 15,315 | 20,234 |
| 48599 | Other ground passenger transp. | 41 | 757 | 15,315 | 20,234 |
| 485991 | Special needs transportation | 14 | 146 | 3,500 | 23,975 |
| 487 | Scenic & sightseeing transportation | 209 | 3,500 | 97,520 | 27,862 |
| 4871 | Scenic & sightseeing transp., land | 38 | 1,277 | 31,726 | 24,846 |
| 4872 | Scenic & sightseeing transp., water | 147 | 1,710 | 44,347 | 25,929 |
| 488 | Support activities for transportation | 228 | 3,754 | 174,722 | 46,548 |
| 4881 | Support activities for air transp. | 61 | 1,548 | 52,448 | 33,887 |
| 4883 | Support activities for water transp. | 34 | 1,210 | 92,917 | 76,797 |
| 48841 | Motor vehicle towing | 37 | 164 | 3,889 | 23,665 |
| 4885 | Freight transportation arrangement | 80 | 528 | 20,321 | 38,510 |
| 492 | Couriers & messengers | 63 | 1,329 | 48,955 | 36,824 |
| 493 | Warehousing & storage | 47 | 741 | 26,243 | 35,403 |
| 4931 | Warehousing & storage | 47 | 741 | 26,243 | 35,403 |
| 49311 | General warehousing & storage | 37 | 619 | 21,060 | 34,008 |

Source: U.S. Department of Labor, Bureau of Labor Statistics, *Employment and Wages, Annual Averages 2006*, table 10 <<http://www.bls.gov/cew/cewbultn06.htm>> accessed April 8, 2008.

**Table 18.58-- SHIPMENT CHARACTERISTICS BY STATES OF ORIGIN AND
DESTINATION: 2002**

| Characteristics | Value (million dollars) | Tons (thousands) | Ton-miles (millions) |
|--|----------------------------|---------------------|-------------------------|
| Total originating in Hawaii | 13,480 | 23,659 | (1/) |
| Destination | | | |
| Hawaii | 12,798 | 22,440 | 957 |
| California | 340 | (1/) | (1/) |
| Oregon | 10 | (1/) | (1/) |
| Washington | 49 | (1/) | (1/) |
| Mode of transportation | | | |
| Single modes | | | |
| Truck | 7,484 | 11,494 | 127 |
| Water | (1/) | 547 | 108 |
| Air (includes truck and air) | 362 | 13 | 12 |
| Pipeline 2/ | 1,437 | 6,919 | (1/) |
| Multiple modes | | | |
| Parcel, U.S. Postal Service or courier | 853 | 25 | 13 |
| Truck and water | 946 | 2,783 | (1/) |
| Other multiple modes | 325 | 1,452 | 124 |
| Other and unknown modes | 569 | 429 | 18 |
| Distance shipped (miles) | | | |
| Less than 50 | 9,856 | 19,372 | 185 |
| 50 to 99 | 1,032 | 844 | 134 |
| 100 to 249 | 1,882 | 1,272 | 234 |
| 250 to 499 | 25 | 952 | 405 |
| 500 to 1,999 | - | - | - |
| 2,000 or more | 684 | (1/) | (1/) |
| Commodity 3/ | | | |
| Meat, fish, seafood, and their preparations | 228 | 50 | (1/) |
| Other prepared foodstuffs and fats and oils | 1,094 | 1,046 | 581 |
| Gasoline and aviation turbine fuel | 1,899 | 6,294 | 405 |
| Fuel oils | 1,203 | 5,671 | 172 |
| Pharmaceutical products | 763 | (1/) | - |
| Printed products | 201 | 42 | (1/) |
| Textiles, leather, and articles of textiles or leather | 752 | 27 | (1/) |
| Electronic and other electrical equipment and components and office equipment | 692 | 40 | 6 |

1/ Estimates do not meet publication standards because of sampling variability or poor response quality.

2/ Estimates exclude shipments of crude petroleum.

3/ Based on the Standard Classification of Transported Goods (SCTG) coding system.

Source: U.S. Census Bureau, *2002 Economic Census, Transportation, 2002 Commodity Flow Survey, Hawaii*, EC02TCF-HI (December 2004), tables 1a, 3, 6 and 7

<<http://www.census.gov/svsd/www/02statepdf.html>> accessed July 19, 2005.

Section 19

AGRICULTURE

This section presents statistics on agricultural land, farms, crops, livestock, dairy products, poultry, and aquaculture. Related information appears in Sections 6 (land use), 12 and 15 (agricultural employment and earnings), and 22 (food processing).

Important sources for data on agriculture include the *United States Census of Agriculture*, most recently published for 2002, the annual report on *Statistics of Hawaii Agriculture* issued by the Hawaii Agricultural Statistics Service, and data compiled by the former Hawaiian Sugar Planters' Association, now the Hawaii Agriculture Research Center, and the Aquaculture Development Program of the Hawaii State Department of Agriculture. Agricultural data for earlier years are summarized in *Historical Statistics of Hawaii*, Section 13. National statistics appear in Section 17 of the *Statistical Abstract of the United States: 2008*.

Table
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Narrative

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**Table 19.01-- FARMS, LAND IN FARMS, AND SELECTED ITEMS:
1997 AND 2002**

| Item | Unit | 1997 | 2002 |
|---|---------|-----------|-----------|
| Farms | number | 5,473 | 5,398 |
| Land in farms | acres | 1,439,071 | 1,300,499 |
| Average size of farm | acres | 263 | 241 |
| Value of land and buildings: 1/ | | | |
| Average per farm | dollars | 632,281 | 842,875 |
| Average per acre | dollars | 2,405 | 3,507 |
| Estimated market value of all machinery and equipment: 1/ | | | |
| Total | \$1000 | 211,775 | 186,163 |
| Average per farm | dollars | 38,709 | 35,568 |
| Farms by size: | | | |
| 1 to 9 acres | | 3,456 | 3,440 |
| 10 to 49 acres | | 1,417 | 1,309 |
| 50 to 179 acres | | 318 | 335 |
| 180 to 499 acres | | 139 | 146 |
| 500 to 999 acres | | 43 | 61 |
| 1,000 acres or more | | 100 | 107 |
| Total cropland | farms | 4,882 | 4,755 |
| | acres | 292,107 | 211,120 |
| Harvested cropland | farms | 4,594 | 4,522 |
| | acres | 100,094 | 109,461 |
| Irrigated land | farms | 2,241 | 2,231 |
| | acres | 76,971 | 69,194 |
| Market value of agricultural products sold | \$1000 | 496,935 | 533,423 |
| Average per farm | dollars | 90,798 | 98,819 |
| Crops, including nursery and greenhouse crops | \$1000 | 401,411 | 445,356 |
| Livestock, poultry, and their products | \$1000 | 95,524 | 88,067 |
| Farms by value of sales: | | | |
| Less than \$2,500 | | 1,638 | 1,407 |
| \$2,500 to \$4,999 | | 743 | 714 |
| \$5,000 to \$9,999 | | 797 | 916 |
| \$10,000 to \$24,999 | | 989 | 1,056 |
| \$25,000 to \$49,999 | | 535 | 506 |
| \$50,000 to \$99,999 | | 323 | 314 |
| \$100,000 or more | | 448 | 485 |

Continued on next page.

**Table 19.01-- FARMS, LAND IN FARMS, AND SELECTED ITEMS:
1997 AND 2002 -- Con.**

| Item | Unit | 1997 | 2002 |
|--|--------|---------|---------|
| Farm by type of organization: | | | |
| Family or individual | | 4,583 | 4,629 |
| Partnership | | 328 | 225 |
| Corporation | | 497 | 472 |
| Operators by days worked off farm: | | | |
| Any | | 2,827 | 2,612 |
| 200 days or more | | 1,566 | 1,661 |
| Operators by principal occupation: | | | |
| Farming | | 3,052 | 3,125 |
| Other | | 2,421 | 2,273 |
| Average age of principal operator | years | 55.0 | 56.5 |
| Total farm production expenses 1/ | \$1000 | 398,567 | 450,946 |
| Livestock and poultry: | | | |
| Cattle and calves inventory | farms | 829 | 748 |
| | number | 181,732 | 154,308 |
| Beef cows | farms | 625 | 578 |
| | number | 93,711 | 83,277 |
| Milk cows | farms | 44 | 27 |
| | number | 8,389 | 6,465 |
| Cattle and calves sold | farms | 660 | 550 |
| | number | 66,726 | 60,739 |
| Hogs and pigs inventory | farms | 248 | 204 |
| | number | 29,440 | 23,364 |
| Hogs and pigs sold | farms | 190 | 158 |
| | number | 38,066 | 33,231 |
| Broilers and other meat-type chickens sold | farms | 9 | 17 |
| | number | 478,672 | 881,112 |

Continued on next page.

**Table 19.01-- FARMS, LAND IN FARMS, AND SELECTED ITEMS:
1997 AND 2002 -- Con.**

| Item | Unit | 1997 | 2002 |
|---------------------------|-------|-----------|---------|
| Selected crops harvested: | | | |
| Sugarcane for sugar | farms | 13 | 2 |
| | acres | 31,483 | (D) |
| | tons | 2,873,712 | (D) |
| Pineapples harvested | farms | 27 | 34 |
| | acres | 12,992 | 10,211 |
| | tons | 348,428 | 314,626 |
| Vegetables harvested | farms | 657 | 633 |
| | acres | 6,549 | 6,554 |
| Land in orchards | farms | 2,786 | 2,833 |
| | acres | 37,906 | 34,908 |

D Withheld to avoid disclosing data for individual farms.

1/ Data are based on a sample of farms.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *2002 Census of Agriculture, Vol.1, Part 11, Hawaii* (June 2004), table 1, pp. 6-7.

Table 19.02-- FARMS AND LAND IN FARMS, BY COUNTY: 2002

| Item | Unit | Hawaii | Honolulu | Kauai | Maui |
|---|---------|---------|----------|-----------|-----------|
| Farms | number | 3,216 | 794 | 565 | 823 |
| Land in farms | acres | 821,276 | 70,705 | 151,828 | 256,690 |
| Average size of farm | acres | 255 | 89 | 269 | 312 |
| Value of land and buildings: 1/ | | | | | |
| Average per farm | dollars | 724,308 | 738,577 | 1,068,439 | 1,251,598 |
| Average per acre | dollars | 2,822 | 8,358 | 3,989 | 4,112 |
| Estimated market value of all machinery and equipment: 1/ | | | | | |
| Average per farm | dollars | 23,981 | 37,543 | 66,074 | 58,849 |
| Farms by size: | | | | | |
| 1 to 9 acres | | 2,009 | 574 | 352 | 505 |
| 10 to 49 acres | | 818 | 152 | 127 | 212 |
| 50 to 179 acres | | 207 | 34 | 38 | 56 |
| 180 to 499 acres | | 90 | 15 | 21 | 20 |
| 500 to 999 acres | | 38 | 5 | 11 | 7 |
| 1,000 acres or more | | 54 | 14 | 16 | 23 |
| Total cropland | farms | 2,908 | 681 | 474 | 692 |
| | acres | 90,778 | 29,103 | 30,510 | 60,729 |
| Harvested cropland | farms | 2,791 | 656 | 426 | 649 |
| | acres | 55,529 | 13,757 | 11,771 | 28,404 |
| Irrigated land | farms | 908 | 545 | 316 | 462 |
| | acres | 9,041 | 13,703 | 19,595 | 26,855 |
| Market value of agricultural products sold | \$1000 | 187,736 | 179,321 | 41,855 | 124,511 |
| Average per farm | dollars | 58,375 | 225,845 | 74,080 | 151,289 |
| Crops, including nursery and greenhouse crops | \$1000 | 143,924 | 149,050 | 35,737 | 116,645 |
| Livestock, poultry, and their products | \$1000 | 43,812 | 30,271 | 6,118 | 7,866 |

1/ Data are based on a sample of farms.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *2002 Census of Agriculture, Vol.1, Part 11, Hawaii* (June 2004), p.185.

Table 19.03-- NUMBER OF FARMS, FARM ACREAGE, AND FARM EMPLOYMENT: 1980 TO 2006

| Year | Number of farms 1/ | Farm acreage 2/ (1,000) | Farm employment 3/ | | |
|------|--------------------|-------------------------|------------------------------|-----------------------|---------------|
| | | | Self-employed farm operators | Unpaid family members | Hired workers |
| 1980 | 4,300 | 1,970 | 3,400 | 1,100 | 10,550 |
| 1981 | 4,400 | 1,965 | 3,100 | 900 | 10,500 |
| 1982 | 4,500 | 1,960 | 2,600 | 1,300 | 13,000 |
| 1983 | 4,500 | 1,900 | 2,500 | 1,500 | 13,000 |
| 1984 | 4,600 | 1,850 | 2,200 | 1,300 | 11,800 |
| 1985 | 4,600 | 1,800 | 2,200 | 1,200 | 10,600 |
| 1986 | 4,600 | 1,750 | 2,050 | 1,200 | 9,700 |
| 1987 | 4,650 | 1,720 | 2,600 | 1,100 | 10,700 |
| 1988 | 4,650 | 1,720 | 2,600 | 1,100 | 10,300 |
| 1989 | 4,650 | 1,720 | 2,400 | 1,100 | 9,800 |
| 1990 | 4,700 | 1,680 | 2,500 | 1,000 | 9,600 |
| 1991 | 4,700 | 1,630 | 3,100 | 1,100 | 9,600 |
| 1992 | 4,800 | 1,590 | 3,100 | 1,300 | 9,500 |
| 1993 | 5,200 | 1,560 | 2,800 | 1,100 | 8,700 |
| 1994 | 5,300 | 1,530 | 2,700 | 1,200 | 8,100 |
| 1995 | 5,300 | 1,470 | 2,700 | 1,000 | 7,300 |
| 1996 | 5,400 | 1,440 | 2,700 | 1,000 | 7,400 |
| 1997 | 5,500 | 1,440 | 2,700 | 1,200 | 7,000 |
| 1998 | 5,500 | 1,440 | 2,700 | 1,200 | 7,400 |
| 1999 | 5,500 | 1,420 | 3,000 | 1,200 | 7,600 |
| 2000 | 5,500 | 1,380 | 3,100 | 1,000 | 7,800 |
| 2001 | 5,500 | 1,350 | 3,300 | 1,100 | 7,400 |
| 2002 | 5,500 | 1,320 | 4/ 3,000 | 4/ 1,100 | 7,500 |
| 2003 | 5,500 | 1,300 | (NA) | (NA) | 7,300 |
| 2004 | 5,500 | 1,300 | (NA) | (NA) | 7,300 |
| 2005 | 5,500 | 1,300 | (NA) | (NA) | 7,000 |
| 2006 | 5,500 | 1,300 | (NA) | (NA) | 7,000 |

NA Not available.

1/ Based on farm definition of \$1,000 or more of agricultural sales.

2/ Includes land not in crop and pasture, such as farm house lots, roads, woodlots, etc.

3/ Working 15 or more hours per week.

4/ Beginning July 2002, estimates for self-employed and unpaid workers have been discontinued due to a change in the national labor statistics program. 2002 data are the average of January and April estimates.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual); and <http://www.nass.usda.gov/hi/stats/t_of_c.htm> accessed March 11, 2008.

Table 19.04-- VALUE OF CROP AND LIVESTOCK SALES: 1980 TO 2006

[Thousands of dollars]

| Year | All crops and livestock | Crops | | | | Livestock |
|------|-------------------------|------------|--------------------------|----------------------------|-------------|-----------|
| | | All crops | Sugar (unprocessed cane) | Pine-apples (fresh equiv.) | Other crops | |
| 1980 | 634,101 | 552,877 | 385,100 | 76,596 | 91,181 | 81,224 |
| 1981 | 489,502 | 401,348 | 207,500 | 89,745 | 104,103 | 88,154 |
| 1982 | 507,268 | 428,860 | 230,800 | 94,364 | 103,696 | 78,408 |
| 1983 | 568,414 | 481,926 | 266,900 | 100,376 | 114,650 | 86,488 |
| 1984 | 550,517 | 463,502 | 256,200 | 89,928 | 117,374 | 87,015 |
| 1985 | 528,649 | 445,826 | 222,400 | 90,530 | 132,896 | 82,823 |
| 1986 | 564,717 | 481,312 | 233,800 | 99,720 | 147,792 | 83,405 |
| 1987 | 557,298 | 469,565 | 218,000 | 99,286 | 152,279 | 87,733 |
| 1988 | 573,962 | 485,293 | 209,900 | 107,402 | 167,991 | 88,669 |
| 1989 | 585,048 | 493,261 | 210,300 | 98,310 | 184,651 | 91,787 |
| 1990 | 595,030 | 506,586 | 213,800 | 106,365 | 186,421 | 88,444 |
| 1991 | 551,382 | 464,139 | 174,900 | 107,775 | 181,464 | 87,243 |
| 1992 | 520,227 | 431,958 | 153,700 | 102,100 | 176,158 | 88,269 |
| 1993 | 506,475 | 421,593 | 163,000 | 79,850 | 178,743 | 84,882 |
| 1994 | 503,780 | 427,150 | 160,100 | 78,890 | 188,160 | 76,630 |
| 1995 | 493,385 | 421,089 | 127,700 | 87,360 | 206,029 | 72,296 |
| 1996 | 495,688 | 428,671 | 108,100 | 95,914 | 224,657 | 67,017 |
| 1997 | 488,159 | 420,360 | 85,500 | 91,721 | 243,139 | 67,799 |
| 1998 | 493,342 | 420,634 | 87,300 | 92,776 | 240,558 | 72,708 |
| 1999 | 512,992 | 443,111 | 86,800 | 101,448 | 254,863 | 69,881 |
| 2000 | 499,771 | 431,482 | 62,200 | 101,530 | 267,752 | 68,289 |
| 2001 | 502,178 | 437,438 | 57,800 | 96,337 | 283,301 | 64,740 |
| 2002 | 514,338 | 453,400 | 64,300 | 100,616 | 288,484 | 60,938 |
| 2003 | 520,473 | 461,680 | 64,400 | 101,470 | 295,810 | 58,793 |
| 2004 | 523,957 | 459,702 | 61,500 | 83,104 | 315,098 | 64,255 |
| 2005 | 1/ 554,387 | 1/ 493,991 | 1/ 58,900 | 79,288 | 1/ 355,803 | 1/ 60,396 |
| 2006 | 560,827 | 502,181 | 50,200 | 75,542 | 376,439 | 58,646 |

1/ Revised from previous *Data Book*.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual); and <http://www.nass.usda.gov/hi/stats/t_of_c.htm> accessed March 11, 2008.

**Table 19.05-- NUMBER OF FARMS, FARM ACREAGE, AND FARM
EMPLOYMENT, BY COUNTY: 1990 TO 2006**

| County or island and year | Number of farms 1/ | Farm acreage 2/ (1,000) | Farm employment 3/ | | |
|------------------------------|-----------------------|-------------------------------|---|--------------------------------------|------------------|
| | | | Self- employed farm operators 4/ | Unpaid family members 4/ 5/ | Hired workers |
| State total: | | | | | |
| 1990 | 4,600 | 1,710 | 2,500 | 1,000 | 9,600 |
| 1991 | 4,700 | 1,630 | 3,100 | 1,100 | 9,600 |
| 1992 | 4,800 | 1,590 | 3,100 | 1,300 | 9,500 |
| 1993 | 5,200 | 1,560 | 2,800 | 1,100 | 8,700 |
| 1994 | 5,300 | 1,530 | 2,700 | 1,200 | 8,100 |
| 1995 | 5,300 | 1,470 | 2,700 | 1,000 | 7,300 |
| 1996 | 4,600 | 1,590 | 2,700 | 1,000 | 7,400 |
| 1997 | 5,500 | 1,440 | 2,700 | 1,200 | 7,000 |
| 1998 | 5,500 | 1,440 | 2,700 | 1,200 | 7,400 |
| 1999 | 5,500 | 1,440 | 3,000 | 1,200 | 7,600 |
| 2000 | 5,500 | 1,440 | 3,100 | 1,000 | 7,800 |
| 2001 | 5,500 | 1,350 | 3,300 | 1,100 | 7,400 |
| 2002 | 5,500 | 1,320 | 3,000 | 1,100 | 7,500 |
| 2003 | 5,500 | 1,300 | (NA) | (NA) | 7,300 |
| 2004 | 5,500 | 1,300 | (NA) | (NA) | 7,300 |
| 2005 | 5,500 | 1,300 | (NA) | (NA) | 7,000 |
| 2006 | 5,500 | 1,300 | (NA) | (NA) | 7,000 |
| Hawaii: | | | | | |
| 1990 | 2,650 | 1,005 | 1,550 | 600 | 3,500 |
| 1991 | 2,700 | 955 | 1,900 | 650 | 3,650 |
| 1992 | 2,800 | 929 | 1,850 | 750 | 3,750 |
| 1993 | 3,000 | 920 | 1,800 | 650 | 3,300 |
| 1994 | 3,100 | 920 | 1,700 | 650 | 3,000 |
| 1995 | 3,150 | 890 | 1,750 | 550 | 2,550 |
| 1996 | 2,700 | 929 | 1,800 | 600 | 2,600 |
| 1997 | 3,300 | 870 | 1,800 | 700 | 2,450 |
| 1998 | 3,300 | 870 | 1,750 | 650 | 2,550 |
| 1999 | 3,300 | 870 | 1,850 | 600 | 2,400 |
| 2000 | 3,300 | 870 | 1,800 | 550 | 2,700 |
| 2001 | 3,250 | 840 | 1,950 | 550 | 2,650 |
| 2002 | 3,250 | 830 | 1,700 | 600 | 2,450 |
| 2003 | 3,250 | 820 | (NA) | (NA) | 2,750 |
| 2004 | 3,250 | 820 | (NA) | (NA) | 2,700 |
| 2005 | 3,250 | 820 | (NA) | (NA) | 2,500 |
| 2006 | 3,250 | 820 | (NA) | (NA) | 2,650 |

Continued on next page.

Table 19.05-- NUMBER OF FARMS, FARM ACREAGE, AND FARM EMPLOYMENT, BY COUNTY: 1990 TO 2006 -- Con.

| County or island and year | Number of farms 1/ | Farm acreage 2/ (1,000) | Farm employment 3/ | | |
|---------------------------|--------------------|-------------------------|---------------------------------|-----------------------------|---------------|
| | | | Self-employed farm operators 4/ | Unpaid family members 4/ 5/ | Hired workers |
| Honolulu: | | | | | |
| 1990 | 950 | 125 | 450 | 250 | 2,450 |
| 1991 | 950 | 100 | 650 | 300 | 2,300 |
| 1992 | 900 | 92 | 650 | 350 | 2,350 |
| 1993 | 900 | 90 | 550 | 300 | 2,300 |
| 1994 | 900 | 90 | 500 | 350 | 2,050 |
| 1995 | 900 | 85 | 500 | 250 | 1,900 |
| 1996 | 900 | 92 | 450 | 200 | 2,000 |
| 1997 | 900 | 80 | 500 | 300 | 1,900 |
| 1998 | 900 | 80 | 450 | 250 | 2,100 |
| 1999 | 900 | 80 | 500 | 300 | 2,100 |
| 2000 | 900 | 80 | 500 | 200 | 2,200 |
| 2001 | 850 | 70 | 550 | 250 | 2,300 |
| 2002 | 800 | 70 | 550 | 250 | 2,100 |
| 2003 | 800 | 70 | (NA) | (NA) | 2,150 |
| 2004 | 800 | 70 | (NA) | (NA) | 2,200 |
| 2005 | 800 | 70 | (NA) | (NA) | 2,050 |
| 2006 | 800 | 70 | (NA) | (NA) | 1,950 |
| Kauai: | | | | | |
| 1990 | 400 | 225 | 200 | 50 | 1,150 |
| 1991 | 400 | 220 | 200 | 100 | 1,150 |
| 1992 | 400 | 214 | 200 | 100 | 1,100 |
| 1993 | 450 | 200 | 200 | 100 | 1,050 |
| 1994 | 450 | 200 | 200 | 50 | 1,050 |
| 1995 | 450 | 200 | 200 | 150 | 1,000 |
| 1996 | 400 | 214 | 200 | 100 | 1,000 |
| 1997 | 500 | 200 | 200 | 100 | 850 |
| 1998 | 500 | 200 | 200 | 100 | 800 |
| 1999 | 500 | 200 | 250 | 100 | 900 |
| 2000 | 500 | 200 | 300 | 50 | 950 |
| 2001 | 550 | 170 | 350 | 150 | 650 |
| 2002 | 600 | 160 | 250 | 100 | 750 |
| 2003 | 600 | 150 | (NA) | (NA) | 750 |
| 2004 | 600 | 150 | (NA) | (NA) | 650 |
| 2005 | 600 | 150 | (NA) | (NA) | 700 |
| 2006 | 600 | 150 | (NA) | (NA) | 700 |

Continued on next page.

Table 19.05-- NUMBER OF FARMS, FARM ACREAGE, AND FARM EMPLOYMENT, BY COUNTY: 1990 TO 2006 -- Con.

| County or island and year | Number of farms 1/ | Farm acreage 2/ (1,000) | Farm employment 3/ | | |
|---------------------------|--------------------|-------------------------|---------------------------------|-----------------------------|---------------|
| | | | Self-employed farm operators 4/ | Unpaid family members 4/ 5/ | Hired workers |
| Maui: | | | | | |
| 1990 | 600 | 355 | 250 | 150 | 2,500 |
| 1991 | 650 | 355 | 350 | 150 | 2,550 |
| 1992 | 700 | 355 | 400 | 150 | 2,300 |
| 1993 | 850 | 350 | 300 | 100 | 2,050 |
| 1994 | 850 | 320 | 250 | 100 | 2,000 |
| 1995 | 800 | 295 | 300 | 100 | 1,850 |
| 1996 | 600 | 355 | 300 | 150 | 1,850 |
| 1997 | 800 | 290 | 300 | 100 | 1,850 |
| 1998 | 800 | 290 | 350 | 150 | 1,950 |
| 1999 | 800 | 290 | 450 | 200 | 2,200 |
| 2000 | 800 | 290 | 500 | 150 | 2,000 |
| 2001 | 850 | 270 | 500 | 150 | 1,800 |
| 2002 | 850 | 260 | 500 | 150 | 2,250 |
| 2003 | 850 | 260 | (NA) | (NA) | 1,650 |
| 2004 | 850 | 260 | (NA) | (NA) | 1,850 |
| 2005 | 850 | 260 | (NA) | (NA) | 1,700 |
| 2006 | 850 | 260 | (NA) | (NA) | 1,750 |

NA Not available.

1/ Based on farm definition of \$1,000 or more of agricultural sales.

2/ Includes land not in crops and pasture, such as farm house lots, roads, woodlots, etc.

3/ Data not comparable among years shown due to changes in survey periods; sum of county estimates may not add due to rounding.

4/ Beginning July 2002, estimates for self-employed and unpaid workers have been discontinued due to a change in the national labor statistics program. 2002 data are the average of January and April estimates.

5/ Working 15 hours or more per week.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual) and <http://www.nass.usda.gov/hi/stats/t_of_c.htm> accessed March 11, 2008.

**Table 19.06-- VALUE OF CROP AND LIVESTOCK SALES, BY COUNTY:
1990 TO 2006**

[Thousands of dollars]

| County or island and year | All crops and livestock | Crops | | | | Livestock |
|------------------------------|-------------------------------|--------------|-------------------------------------|---|-------------------|-----------|
| | | All crops | Sugar (unpro- cessed cane) | Pine- apples 1/ (fresh equiv.) | Other crops 1/ | |
| State total: | | | | | | |
| 1990 | 588,844 | 500,400 | 213,800 | 99,255 | 187,345 | 88,444 |
| 1991 | 551,382 | 464,139 | 174,900 | 107,775 | 181,464 | 87,243 |
| 1992 | 520,227 | 431,958 | 153,700 | 102,100 | 176,158 | 88,269 |
| 1993 | 506,475 | 421,593 | 163,000 | 79,850 | 178,743 | 84,882 |
| 1994 | 503,780 | 427,150 | 160,100 | 78,890 | 188,160 | 76,630 |
| 1995 | 493,385 | 421,089 | 127,700 | 87,360 | 206,029 | 72,296 |
| 1996 | 488,303 | 422,568 | 108,100 | 95,914 | 218,554 | 65,735 |
| 1997 | 486,460 | 418,661 | 85,500 | 91,721 | 241,440 | 67,799 |
| 1998 | 493,442 | 420,734 | 87,400 | 92,776 | 240,558 | 72,708 |
| 1999 | 512,992 | 443,111 | 86,800 | 101,448 | 254,863 | 69,881 |
| 2000 | 499,730 | 431,482 | 62,200 | 101,530 | 267,752 | 68,248 |
| 2001 | 502,181 | 437,438 | 57,800 | 96,337 | 283,301 | 64,743 |
| 2002 | 514,338 | 453,400 | 64,300 | 100,616 | 288,484 | 60,938 |
| 2003 | 520,473 | 461,680 | 64,400 | 101,470 | 295,810 | 58,793 |
| 2004 | 523,957 | 459,702 | 61,500 | 83,104 | 315,098 | 64,255 |
| 2005 | 2/ 554,387 | 2/ 493,991 | 2/ 58,900 | 79,288 | 2/ 355,803 | 2/ 60,396 |
| 2006 | 560,827 | 502,181 | 50,200 | 75,542 | 376,439 | 58,646 |
| Hawaii: | | | | | | |
| 1990 | 197,997 | 168,580 | 55,000 | (3/) | 113,580 | 29,417 |
| 1991 | 179,716 | 149,009 | 43,600 | (3/) | 105,409 | 30,707 |
| 1992 | 168,406 | 140,235 | 38,200 | (3/) | 102,035 | 28,171 |
| 1993 | 166,309 | 140,610 | 39,000 | (3/) | 101,610 | 25,699 |
| 1994 | 161,475 | 140,770 | 35,800 | (D) | 104,970 | 20,705 |
| 1995 | 146,427 | 128,564 | 12,200 | (D) | 116,364 | 17,863 |
| 1996 | 141,910 | 125,915 | 1,700 | (D) | 124,215 | 15,995 |
| 1997 | 149,965 | 130,887 | - | (3/) | 130,887 | 19,078 |
| 1998 | 142,522 | 121,676 | - | (3/) | 121,676 | 20,846 |
| 1999 | 144,470 | 121,939 | - | (3/) | 121,939 | 22,531 |
| 2000 | 154,240 | 128,161 | - | (3/) | 128,161 | 26,079 |
| 2001 | 160,258 | 134,380 | - | (3/) | 134,380 | 25,878 |
| 2002 | 155,651 | 128,426 | - | (D) | 128,426 | 27,225 |
| 2003 | 159,592 | 132,331 | - | (D) | 132,331 | 27,261 |
| 2004 | 174,388 | 143,972 | - | (D) | 143,972 | 30,416 |
| 2005 | 2/ 195,025 | 2/ 164,772 | - | (D) | 2/ 164,772 | 2/ 30,253 |
| 2006 | 183,917 | 153,057 | - | (D) | 153,057 | 30,860 |

Continued on next page.

**Table 19.06-- VALUE OF CROP AND LIVESTOCK SALES, BY COUNTY:
1990 TO 2006 -- Con.**

[Thousands of dollars]

| County or island and year | All crops and livestock | Crops | | | | Livestock |
|------------------------------|-------------------------------|--------------|-------------------------------------|---|-------------------|-----------|
| | | All crops | Sugar (unpro- cessed cane) | Pine- apples 1/ (fresh equiv.) | Other crops 1/ | |
| Honolulu: | | | | | | |
| 1990 | 181,083 | 135,899 | 36,800 | 62,280 | 36,819 | 45,184 |
| 1991 | 171,378 | 129,602 | 30,600 | 62,075 | 36,927 | 41,776 |
| 1992 | 152,483 | 108,965 | 27,300 | 45,430 | 36,235 | 43,518 |
| 1993 | 162,086 | 119,906 | 29,700 | 54,923 | 35,283 | 42,180 |
| 1994 | 160,678 | 119,958 | 30,600 | 53,690 | 35,668 | 40,720 |
| 1995 | 162,578 | 123,074 | 21,000 | 62,585 | 39,489 | 39,504 |
| 1996 | 156,582 | 121,143 | 10,400 | 68,770 | 41,973 | 35,439 |
| 1997 | 142,256 | 107,347 | - | 63,426 | 43,921 | 34,909 |
| 1998 | 160,819 | 124,630 | - | 64,363 | 60,267 | 36,189 |
| 1999 | 179,324 | 142,407 | - | 73,123 | 69,284 | 36,917 |
| 2000 | 177,704 | 145,784 | - | 72,085 | 73,699 | 31,920 |
| 2001 | 177,462 | 146,504 | - | 69,222 | 77,282 | 30,958 |
| 2002 | 179,778 | 153,725 | - | 70,992 | 82,733 | 26,053 |
| 2003 | 178,852 | 154,228 | - | 71,029 | 83,199 | 24,624 |
| 2004 | 163,974 | 138,878 | - | 54,704 | 84,174 | 25,096 |
| 2005 | 2/ 155,862 | 2/ 133,918 | - | (D) | 2/ 133,918 | 2/ 21,944 |
| 2006 | 154,648 | 135,550 | - | (D) | 135,550 | 19,098 |
| Kauai: | | | | | | |
| 1990 | 65,276 | 60,267 | 52,400 | (3/) | 7,867 | 5,009 |
| 1991 | 57,912 | 53,018 | 42,800 | (3/) | 10,218 | 4,894 |
| 1992 | 46,549 | 41,679 | 32,600 | (3/) | 9,079 | 4,870 |
| 1993 | 46,145 | 42,143 | 31,600 | (3/) | 10,543 | 4,002 |
| 1994 | 54,438 | 49,975 | 35,200 | (D) | 14,775 | 4,463 |
| 1995 | 59,631 | 55,387 | 35,100 | (D) | 20,287 | 4,244 |
| 1996 | 65,988 | 61,814 | 38,800 | (D) | 23,014 | 4,174 |
| 1997 | 63,425 | 59,425 | 31,600 | (3/) | 27,825 | 4,000 |
| 1998 | 54,728 | 49,612 | 28,700 | (3/) | 20,912 | 5,116 |
| 1999 | 57,933 | 53,390 | 26,600 | (3/) | 26,790 | 4,543 |
| 2000 | 46,739 | 42,886 | 18,500 | (3/) | 24,386 | 3,853 |
| 2001 | 40,790 | 38,292 | 12,900 | (3/) | 25,392 | 2,498 |
| 2002 | (D) | 40,854 | 13,000 | (D) | 27,854 | (D) |
| 2003 | (D) | 47,077 | 13,500 | (D) | 33,577 | (D) |
| 2004 | (D) | 47,652 | 15,300 | (D) | 32,352 | (D) |
| 2005 | (D) | 2/ 49,318 | 14,700 | (D) | 2/ 34,618 | (D) |
| 2006 | (D) | 57,551 | 9,500 | (D) | 48,050 | (D) |

Continued on next page.

**Table 19.06-- VALUE OF CROP AND LIVESTOCK SALES, BY COUNTY:
1990 TO 2006 -- Con.**

[Thousands of dollars]

| County or island and year | All crops and livestock | Crops | | | | Livestock |
|------------------------------|-------------------------------|--------------|-------------------------------------|---|-------------------|-----------|
| | | All crops | Sugar (unpro- cessed cane) | Pine- apples 1/ (fresh equiv.) | Other crops 1/ | |
| Maui: | | | | | | |
| 1990 | 144,488 | 135,654 | 69,600 | 36,975 | 29,079 | 8,834 |
| 1991 | 142,376 | 132,510 | 57,900 | 45,700 | 28,910 | 9,866 |
| 1992 | 152,789 | 141,079 | 55,600 | 56,659 | 28,820 | 11,710 |
| 1993 | 131,935 | 118,934 | 62,700 | 24,890 | 31,344 | 13,001 |
| 1994 | 127,189 | 116,447 | 58,500 | 25,150 | 32,797 | 10,742 |
| 1995 | 124,748 | 114,064 | 59,400 | 24,775 | 29,889 | 10,684 |
| 1996 | 123,823 | 113,696 | 57,200 | 27,144 | 29,352 | 10,127 |
| 1997 | 126,266 | 116,453 | 53,900 | 28,295 | 34,258 | 9,813 |
| 1998 | 135,373 | 124,816 | 58,700 | 28,413 | 37,703 | 10,557 |
| 1999 | 131,265 | 125,375 | 60,200 | 28,325 | 36,850 | 5,890 |
| 2000 | 121,047 | 114,651 | 43,700 | 29,445 | 41,506 | 6,396 |
| 2001 | 123,671 | 118,262 | 44,900 | 27,115 | 46,247 | 5,409 |
| 2002 | (D) | 130,395 | 51,300 | 29,624 | 49,471 | (D) |
| 2003 | (D) | 128,043 | 50,900 | 30,441 | 46,702 | (D) |
| 2004 | (D) | 129,200 | 46,200 | 28,400 | 54,600 | (D) |
| 2005 | (D) | 2/ 145,983 | 2/ 44,200 | (D) | 101,783 | (D) |
| 2006 | (D) | 156,023 | 40,700 | (D) | 115,323 | (D) |

D Data not shown to avoid disclosure of individual operations but included in State total.

1/ County data may fail to add exactly to State total.

2/ Revised from previous *Data Book*.

3/ Less than \$50,000.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual);
and <http://www.nass.usda.gov/hi/stats/t_of_c.htm> accessed March 11, 2008.

Table 19.07-- ACREAGE IN CROP, NUMBER OF CROP FARMS, AND VALUE OF CROP SALES: 1996, 2004 TO 2006

| Subject | 1996 | 2004 | 2005 | 2006 |
|--|---------|--------|------------|---------|
| Acreage in crop (1,000 acres): | | | | |
| Sugarcane | 68.8 | 43.0 | 40.1 | 42.1 |
| Pineapples (land used for pineapple) | 20.0 | 13.0 | 14.0 | 13.9 |
| Vegetables and melons (harvested acreage) 1/ | 6.2 | 6.7 | 6.3 | 5.5 |
| Fruits, excluding pineapples | 7.1 | 6.0 | 6.2 | 5.8 |
| Coffee | 6.4 | 7.7 | 2/ 7.9 | 8.2 |
| Macadamia nuts | 20.2 | 18.0 | 18.3 | 17.0 |
| All other crops | 8.9 | 9.4 | 2/ 9.2 | 9.7 |
| Number of crop farms: | | | | |
| Sugar | 7 | 2 | 2 | 2 |
| Pineapples | 20 | 30 | 30 | 30 |
| Vegetables and melons 1/ | 950 | 620 | 600 | 610 |
| Fruits (excluding pineapples) | 1,040 | 1,290 | 1,265 | 1,245 |
| Coffee | 560 | 750 | 790 | 820 |
| Macadamia nuts | 680 | 650 | 650 | 650 |
| Taro | 180 | 130 | 110 | 110 |
| Flowers and nursery products | 690 | 920 | 2/ 955 | 930 |
| Value of crop sales (\$1,000): | | | | |
| Sugar (unprocessed cane) | 108,100 | 61,500 | 2/ 58,900 | 50,200 |
| Pineapples (fresh equivalent) | 95,914 | 83,104 | 79,288 | 75,542 |
| Vegetables and melons 1/ | 40,672 | 67,892 | 67,717 | 73,038 |
| Fruits (excluding pineapples) | 26,603 | 24,533 | 2/ 25,747 | 26,138 |
| Coffee (parchment) | 20,800 | 19,880 | 37,310 | 37,000 |
| Macadamia nuts (in shell) | 44,070 | 41,245 | 2/ 43,740 | 38,860 |
| Taro | 2,793 | 2,808 | 2,322 | 2,565 |
| Seed crops | 13,821 | 62,600 | 2/ 77,330 | 97,580 |
| Flowers and nursery products | 69,475 | 95,178 | 2/ 100,962 | 100,689 |

1/ Includes ginger root, herbs, noni, kava ('awa), and others.

2/ Revised from previous *Data Book*.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual); and <http://www.nass.usda.gov/hi/stats/t_of_c.htm> accessed March 11, 2008.

Table 19.08-- ACREAGE IN CROP, NUMBER OF CROP FARMS, AND VALUE OF CROP SALES, BY COUNTY: 2006

| Subject | Hawaii | Honolulu | Kauai | Maui |
|--|--------|----------|-------|--------|
| Acreage in crop (1,000 acres): | | | | |
| Sugarcane | - | - | 7.2 | 34.9 |
| Pineapples (land used for pineapple) | (1/) | (D) | (1/) | (D) |
| Vegetables and melons (harvested acreage) 2/ | 1.1 | 3.5 | 0.1 | 0.8 |
| Fruits, excluding pineapples | 3.6 | 0.8 | 0.8 | 0.6 |
| Coffee | 3.8 | (D) | (D) | (D) |
| Macadamia nuts | (D) | (D) | (D) | (D) |
| All other crops | 2.9 | 2.4 | 1.9 | 2.5 |
| Number of crop farms: | | | | |
| Sugar | - | - | 1 | 1 |
| Pineapples | (D) | (D) | (D) | (D) |
| Vegetables and melons 2/ | 226 | 215 | 63 | 106 |
| Fruits (excluding pineapples) | 668 | 153 | 174 | 250 |
| Coffee | 775 | (D) | (D) | (D) |
| Macadamia nuts | (D) | (D) | (D) | (D) |
| Taro | 30 | 10 | 50 | 20 |
| Flowers and nursery products | 410 | 250 | 75 | 195 |
| Value of crop sales (\$1,000): | | | | |
| Sugar (unprocessed cane) | - | - | 9,500 | 40,700 |
| Pineapples (fresh equivalent) | (D) | (D) | (D) | (D) |
| Vegetables and melons 2/ | 18,630 | 41,812 | 1,543 | 11,053 |
| Fruits (excluding pineapples) | 17,921 | 4,634 | 1,688 | 1,895 |
| Coffee (parchment) | 25,600 | (D) | (D) | (D) |
| Macadamia nuts (in shell) | (D) | (D) | (D) | (D) |
| Taro | 180 | (D) | 1,815 | (D) |
| Seed crops | (D) | (D) | (D) | (D) |
| Flowers and nursery products | 51,945 | 33,524 | 2,944 | 12,276 |

D Withheld to avoid disclosure of individual operations.

1/ Less than 50 acres.

2/ Includes ginger root, herbs, noni, kava ('awa), and others.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual); and <http://www.nass.usda.gov/hi/stats/t_of_c.htm> accessed March 11, 2008.

Table 19.09-- SPECIALTY CROPS, FRUITS, AND VEGETABLES: 2006

[Data shown for crops with sales in excess of \$1,000,000]

| Crop | Acreage harvested | Yield per acre (1,000 lb.) | Production (1,000 lb.) | Farm price (cents per lb.) | Value of sales (\$1,000) |
|--------------------------|-------------------|----------------------------|------------------------|----------------------------|--------------------------|
| Specialty crops: | | | | | |
| Coffee (2006-07) | 6,300 | 1.2 | 7,400 | 500.0 | 37,000 |
| Ginger root (2006-07) | 80 | 35.0 | 2,800 | 85.0 | 2,380 |
| Fresh herbs | (X) | (X) | 5,700 | (X) | 9,067 |
| Seed crops (2006-07) | 4,820 | (X) | 9,020 | (X) | 97,580 |
| Macadamia nuts (2006-07) | 15,000 | 3.9 | 65,000 | 67.0 | 38,860 |
| Fruits: | | | | | |
| Rambutan | 140 | (X) | 106 | 2.8 | 292 |
| Bananas | 1,000 | 20.0 | 20,000 | 49.0 | 9,800 |
| Papayas | 1,530 | 18.8 | 28,700 | 38.5 | 11,049 |
| Guavas | 365 | (X) | 7,400 | 14.2 | 1,051 |
| Vegetables: | | | | | |
| Cabbage, Chinese | 250 | 24.4 | 6,100 | 29.0 | 1,769 |
| Cabbage, head | 450 | 22.4 | 10,100 | 27.0 | 2,727 |
| Cucumbers | 330 | 16.4 | 5,400 | 50.0 | 2,700 |
| Onions, dry | 140 | 10.0 | 1,400 | 145.0 | 2,030 |
| Onions, green | 130 | 11.5 | 1,500 | 100.0 | 1,500 |
| Peppers, green | 260 | 10.8 | 2,800 | 71.0 | 1,988 |
| Romaine | 110 | 11.8 | 1,300 | 63.0 | 819 |
| Sweet potatoes | 360 | 16.7 | 6,000 | 74.0 | 4,440 |
| Taro | 1/ 380 | (X) | 4,500 | 57.0 | 2,565 |
| Tomatoes | 700 | 21.0 | 14,700 | 77.0 | 11,319 |
| Watermelons | 590 | 17.6 | 10,400 | 28.0 | 2,912 |

X Not applicable.

1/ Acreage in crop.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual); and <http://www.nass.usda.gov/hi/stats/t_of_c.htm> accessed March 3, 2008.

**Table 19.10-- SUGARCANE ACREAGE, BY TYPE OF IRRIGATION:
1993 TO 2006**

| Year | Total cane land | Irrigated cane land | | Unirrigated cane land |
|------|-----------------|---------------------|--------------------|-----------------------|
| | | Drip | Furrow or overhead | |
| 1993 | 121,322 | 74,557 | 11,595 | 35,170 |
| 1994 | 98,413 | 68,547 | 10,753 | 19,113 |
| 1995 | 81,957 | 62,462 | 8,416 | 11,079 |
| 1996 | 68,816 | 56,147 | 7,511 | 5,158 |
| 1997 | 67,820 | 55,585 | 7,115 | 5,120 |
| 1998 | 67,585 | 55,828 | 6,620 | 5,137 |
| 1999 | 60,758 | 51,234 | 4,602 | 4,922 |
| 2000 | 43,821 | 43,821 | - | - |
| 2001 | 50,410 | 50,410 | - | - |
| 2002 | 47,476 | 47,476 | - | - |
| 2003 | 47,733 | 47,733 | - | - |
| 2004 | 43,465 | 43,465 | - | - |
| 2005 | 40,145 | 40,145 | - | - |
| 2006 | 42,080 | 42,080 | - | - |

Source: Hawaii Agriculture Research Center, records.

Table 19.11-- LIVESTOCK INVENTORY, 1984 TO 2006, AND BY COUNTY, 2006

[In thousands]

| Year and county | All cattle and calves 1/ | Milk cows 1/ | Hogs and pigs 2/ | Chickens (excluding broilers) 2/ | Bee colonies |
|-----------------|--------------------------|--------------|------------------|----------------------------------|--------------|
| 1984 | 221 | 12 | 47 | 1,195 | 9 |
| 1985 | 209 | 11 | 55 | 1,210 | 9 |
| 1986 | 199 | 12 | 50 | 1,185 | 9 |
| 1987 | 203 | 12 | 47 | 1,212 | 9 |
| 1988 | 212 | 12 | 43 | 1,217 | 9 |
| 1989 | 205 | 11 | 39 | 1,216 | 9 |
| 1990 | 215 | 11 | 36 | 1,183 | 10 |
| 1991 | 200 | 10 | 34 | 1,213 | 10 |
| 1992 | 178 | 11 | 35 | 1,109 | 9 |
| 1993 | 165 | 11 | 33 | 1,012 | 9 |
| 1994 | 178 | 11 | 35 | 981 | 9 |
| 1995 | 174 | 10 | 34 | 933 | 8 |
| 1996 | 172 | 10 | 28 | 876 | 8 |
| 1997 | 180 | 9 | 29 | 863 | 9 |
| 1998 | 173 | 9 | 29 | 747 | 8 |
| 1999 | 164 | 9 | 28 | 721 | 8 |
| 2000 | 150 | 7 | 26 | 722 | 7 |
| 2001 | 152 | 7 | 27 | 659 | 8 |
| 2002 | 151 | 7 | 24 | 625 | 7 |
| 2003 | 156 | 6 | 23 | 600 | 7 |
| 2004 | 155 | 6 | 22 | 598 | 8 |
| 2005 | 161 | 5 | 19 | 547 | 9 |
| 2006 | 158 | 4 | 16 | 470 | 10 |
| 2006 3/ | | | | | |
| Hawaii | 117.2 | 2.2 | 0.9 | (D) | (NA) |
| Honolulu | 7.1 | 1.6 | 9.6 | (D) | (NA) |
| Kauai | 12.0 | (4/) | 2.0 | (D) | (NA) |
| Maui | 21.7 | (4/) | 3.5 | (D) | (NA) |

NA Not available.

D Withheld to avoid disclosing data for individual operations.

1/ As of January 1 of the following year.

2/ As of December 1.

3/ Sum of county estimates may not add to State total due to rounding.

4/ Equals less than 50.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual); and <http://www.nass.usda.gov/hi/stats/t_of_c.htm> accessed March 3, 2008.

Table 19.12-- NUMBER OF LIVESTOCK OPERATIONS AND VALUE OF LIVESTOCK SALES: 2003 TO 2006

| Subject | 2003 | 2004 | 2005 | 2006 |
|--|--------|--------|-----------|--------|
| Number of livestock operations, Dec. 31: | | | | |
| Cattle 1/ | 750 | 800 | 800 | 800 |
| Hogs | 210 | 250 | 230 | 230 |
| Milk | 30 | 30 | 30 | 30 |
| Eggs | 80 | 80 | 80 | 80 |
| Honey | 29 | 31 | 34 | 35 |
| Value of livestock sales (\$1,000): | | | | |
| Cattle 2/ | 17,192 | 22,534 | 3/ 22,548 | 26,452 |
| Hogs 2/ | 4,345 | 4,463 | 4,553 | 4,158 |
| Milk | 21,449 | 20,175 | 18,387 | 14,508 |
| Eggs | 9,396 | 10,670 | 8,979 | 8,192 |
| Honey | 1,157 | 1,221 | 3/ 1,686 | 1,107 |

1/ Includes beef, dairy, and dairy replacement operations.

2/ Excludes interfarm sales; includes out-of-state sales of slaughter cattle and feeder calves.

3/ Revised from previous *Data Book*.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual); and <http://www.nass.usda.gov/hi/stats/t_of_c.htm> accessed March 3, 2008.

Table 19.13-- NUMBER OF LIVESTOCK OPERATIONS AND VALUE OF LIVESTOCK SALES, BY COUNTY: 2006

| Subject | Hawaii | Honolulu | Kauai | Maui |
|--|--------|----------|-------|-------|
| Number of livestock operations, Dec. 31: | | | | |
| Cattle 1/ | 470 | 50 | 120 | 160 |
| Hogs | 70 | 70 | 30 | 60 |
| Milk | 14 | 6 | 4 | 6 |
| Eggs | 37 | 15 | 8 | 20 |
| Honey | 17 | (D) | (D) | (D) |
| Value of livestock sales (\$1,000): | | | | |
| Cattle 2/ | 19,809 | 1,515 | 1,725 | 3,403 |
| Hogs 2/ | 256 | 2,371 | 611 | 920 |
| Milk | (D) | 8,515 | (D) | (D) |
| Eggs | (D) | 6,507 | (D) | (D) |

D Withheld to avoid disclosure of individual operations.

1/ Includes beef, dairy, and dairy replacement operations.

2/ Excludes interfarm sales; includes out-of-state sales of slaughter cattle and feeder calves.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual); and <http://www.nass.usda.gov/hi/stats/t_of_c.htm> accessed March 3, 2008.

**Table 19.14-- FLORICULTURE AND NURSERY PRODUCTS, 1997 TO 2006,
AND BY COUNTY, 2003 TO 2006**

| County and year | Number of farms | Growing area | | | | | Wholesale value (\$1,000) |
|------------------|-----------------|---------------|-----------------------------|--|----------------------------|--------------------|---------------------------|
| | | Total (acres) | Green-house (1,000 sq. ft.) | Artificial shade structure (1,000 sq. ft.) | Natural shade area (acres) | Open field (acres) | |
| State total: | | | | | | | |
| 1997 | 670 | 2,158 | 2,805 | 23,885 | 10 | 1,535 | 66,655 |
| 1998 | 745 | 2,679 | 2,810 | 24,200 | 9 | 2,050 | 73,207 |
| 1999 | 765 | 2,712 | 2,910 | 25,695 | 15 | 2,040 | 75,725 |
| 2000 | 735 | 2,719 | 3,235 | 25,180 | 7 | 2,060 | 82,684 |
| 2001 | 790 | 3,049 | 3,175 | 26,660 | 9 | 2,355 | 88,597 |
| 2002 | 870 | 3,648 | 3,030 | 30,415 | 10 | 2,870 | 95,715 |
| 2003 | 865 | 3,890 | 2,540 | 27,465 | 16 | 3,185 | 95,601 |
| 2004 | 920 | 3,830 | 2,620 | 26,560 | - | 3,160 | 95,178 |
| 2005 1/ | 955 | 3,988 | 2,095 | 27,015 | - | 3,320 | 100,962 |
| 2006 | 930 | 4,052 | 2,180 | 25,115 | - | 3,425 | 100,689 |
| County, 2003: | | | | | | | |
| Hawaii | 395 | 2,408 | 1,895 | 21,295 | 16 | 1,860 | 50,206 |
| Honolulu | 230 | 701 | 230 | 5,035 | - | 580 | 31,092 |
| Kauai | 80 | 180 | 65 | 360 | - | 170 | 3,067 |
| Maui | 160 | 601 | 350 | 775 | - | 575 | 11,236 |
| County, 2004: | | | | | | | |
| Hawaii | 425 | 2,404 | 1,990 | 20,840 | - | 1,880 | 50,414 |
| Honolulu | 235 | 638 | 255 | 4,660 | - | 525 | 32,173 |
| Kauai | 80 | 234 | 90 | 310 | - | 225 | 3,056 |
| Maui | 180 | 554 | 285 | 750 | - | 530 | 9,535 |
| County, 2005: 1/ | | | | | | | |
| Hawaii | 425 | 2,455 | 1,445 | 20,980 | - | 1,940 | 53,449 |
| Honolulu | 265 | 774 | 275 | 4,715 | - | 660 | 32,399 |
| Kauai | 80 | 210 | 110 | 525 | - | 195 | 3,204 |
| Maui | 185 | 549 | 265 | 795 | - | 525 | 11,910 |
| County, 2006: | | | | | | | |
| Hawaii | 410 | 2,580 | 1,450 | 19,875 | - | 2,090 | 51,945 |
| Honolulu | 250 | 707 | 255 | 3,985 | - | 610 | 33,524 |
| Kauai | 75 | 232 | 205 | 530 | - | 215 | 2,944 |
| Maui | 195 | 533 | 270 | 725 | - | 510 | 12,276 |

1/ Revised from previous *Data Book*.

Source: Hawaii Agricultural Statistics Service, *Hawaii Flowers & Nursery Products, Annual Summary*, various issues. See also <<http://www.nass.usda.gov/hi/flower/flower.pdf>> accessed January 17, 2008.

**Table 19.15-- FLORICULTURE AND NURSERY PRODUCTS, BY
COMMODITY: 2006**

[Shown for commodities with value of sales over \$500,000 and growers with total sales of \$10,000 or more]

| Commodity | Number of farms having sales | Number sold | | Value of sales (\$1,000) |
|----------------------------|------------------------------|--------------|--------|--------------------------|
| | | Unit | Number | |
| Selected cut flowers: | | | | |
| Anthuriums | 57 | 1,000 dozens | 674 | 5,459 |
| Ginger, red | 60 | 1,000 dozens | 135 | 1,059 |
| Heliconias | 64 | 1,000 dozens | 68 | 822 |
| Proteas | 29 | 1,000 stems | 2,293 | 1,828 |
| Orchids: | | | | |
| Sprays: Dendrobiums | 43 | 1,000 dozens | 309 | 2,481 |
| Sprays: Oncidiums | 26 | 1,000 dozens | 59 | 630 |
| Potted: Dendrobiums | 76 | 1,000 pots | 1,127 | 5,768 |
| Potted: Oncidiums | 36 | 1,000 pots | 221 | 1,304 |
| Potted: Phalaenopsis | 23 | 1,000 pots | 90 | 752 |
| Lei or individual flowers: | | | | |
| Dendrobiums | 23 | 1,000 blooms | 14,800 | 532 |
| Plumerias | 15 | 1,000 blooms | 12,700 | 372 |
| Foliage: | | | | |
| Potted, dracaena | 27 | (X) | (NA) | 5,590 |
| Potted, palms | 48 | (X) | (NA) | 8,309 |
| Ti leaves, cut | 46 | 1,000 leaves | 6,400 | 710 |
| Potted flowering plants: | | | | |
| Anthuriums | 18 | 1,000 pots | 109 | 497 |
| Poinsettias | 29 | 1,000 pots | 331 | 1,525 |
| Plant rentals | 41 | (X) | (NA) | 5,126 |
| Landscape plants | 139 | (X) | (X) | 20,853 |

X Not applicable.

NA Not available.

Source: Hawaii Agricultural Statistics Service, *Hawaii Flowers & Nursery Products, Annual Summary*, various issues. See also <<http://www.nass.usda.gov/hi/flower/flower.pdf>> accessed January 17, 2008.

Table 19.16-- OUT-OF-STATE SALES OF FLORICULTURE AND NURSERY PRODUCTS: 2001 TO 2006

[Thousand of dollars. Based on F.O.B. island value. Includes both wholesale and retail sales. Does not include sales of cut flowers, leis, etc., purchased within the State and hand carried out]

| Type | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|---------------------------------|--------|--------|--------|--------|-----------|--------|
| Total sales | 52,100 | 47,870 | 50,940 | 47,585 | 1/ 49,530 | 49,020 |
| Anthuriums, cut | 8,800 | 7,700 | 8,500 | 6,475 | 1/ 6,210 | 7,070 |
| Dendrobiums, sprays | 3,500 | 3,400 | 3,600 | 3,900 | 1/ 3,900 | 3,100 |
| Foliage, potted | 15,800 | 10,700 | 11,000 | 11,300 | 13,200 | 11,600 |
| Heliconias | 1,020 | 1,040 | 1,200 | 1,200 | 1,000 | 1,100 |
| Dendrobiums, potted | 4,900 | 4,510 | 4,590 | 4,645 | 4,335 | 3,760 |
| Proteas | 1,560 | 1,620 | 1,800 | 1,715 | 2,000 | 1,900 |
| Other flowers, nursery products | 16,520 | 18,900 | 20,250 | 18,350 | 1/ 18,885 | 20,490 |

1/ Revised from previous *Data Book*.

Source: Hawaii Agricultural Statistics Service, *Hawaii Flowers & Nursery Products, Annual Summary*, (September 10, 2007), p. 14. See also <<http://www.nass.usda.gov/hi/flower/flower.pdf>> accessed March 17, 2008.

Table 19.17-- AGRICULTURAL LABOR: HIRED WORKERS ON FARMS BY TYPE OF FARM, 1993 TO 2007

[Figures are averages based on January, April, July, and October surveys]

| Year | Hired workers 1/ | Hired workers by type of farm | | |
|---------|------------------|-------------------------------|-----------|-------|
| | | Sugar | Pineapple | Other |
| 1993 | 8,700 | 2,500 | 1,400 | 4,800 |
| 1994 | 8,100 | 2,300 | 1,300 | 4,500 |
| 1995 | 7,300 | 1,700 | 1,200 | 4,400 |
| 1996 | 7,400 | 1,400 | 1,200 | 4,800 |
| 1997 | 7,000 | 1,200 | 1,300 | 4,500 |
| 1998 | 7,400 | 1,200 | 1,200 | 5,000 |
| 1999 | 7,600 | 1,200 | 1,300 | 5,200 |
| 2000 | 7,800 | 1,000 | 1,200 | 5,600 |
| 2001 | 7,400 | 800 | 1,200 | 5,500 |
| 2002 | 7,500 | 900 | 1,300 | 5,400 |
| 2003 | 7,300 | 700 | 1,200 | 5,300 |
| 2004 | 7,300 | 700 | 1,200 | 5,400 |
| 2005 | 7,000 | 700 | 1,100 | 5,200 |
| 2006 | 7,000 | 600 | 1,000 | 5,400 |
| 2007 2/ | 6,500 | (NA) | (NA) | (NA) |

NA Not available.

1/ Sum of hired workers by type of farm may not add to hired workers total due to rounding.

2/ The January 2007 Farm Labor Survey was not conducted. Therefore, the 2007 annual average for hired workers is based on modeled data for January and survey data for April, July, and October.

Source: Hawaii Agricultural Statistics Service, *Hawaii Agricultural Labor*, Quarterly, various issues, <<http://www.nass.usda.gov/hi/speccrop/aglabor.pdf>> accessed February 11, 2008.

**Table 19.18-- GENERAL EXCISE TAX BASE FOR PRODUCING:
1996 TO 2007**

[In thousands of dollars. Data are on a cash basis accounting. "Producing" refers to the raising and production of agricultural products in their natural state, the production of natural resource products, fishing, and aquaculture]

| Year 1/ | Amount | Year 1/ | Amount | Year 1/ | Amount |
|----------------|---------------|----------------|---------------|----------------|---------------|
| 1996 | 479,009 | 2000 | 519,272 | 2004 | 550,949 |
| 1997 | 505,557 | 2001 | 499,896 | 2005 | 591,329 |
| 1998 | 478,201 | 2002 | 522,418 | 2006 | 445,679 |
| 1999 | 501,501 | 2003 | 543,561 | 2007 | 475,827 |

1/ Calendar year in which reported, including "prior years" reports. Income received in December is reported the following January, hence these annual totals generally refer to an "income year" ended November 30.

Source: Hawaii State Department of Taxation, "General Excise and Use Tax Base" (annual tabular release) see also <http://www.state.hi.us/tax/a5_3txcolrpt.htm>.

**Table 19.19-- AGRICULTURAL CHEMICALS USED, INCLUDING FERTILIZER:
1992, 1997, AND 2002**

[Data are based on a sample of farms]

| Chemicals used | Unit | 1992 | 1997 | 2002 |
|---|---------------------|---------|---------|---------|
| Any fertilizer, manure or chemical used 1/ | farms | 4,476 | 4,531 | 4,586 |
| Commercial fertilizer 2/ | farms | 4,028 | 4,051 | 4,326 |
| | acres on which used | 200,723 | 133,927 | 127,996 |
| | \$1,000 | 30,574 | 25,653 | 17,791 |
| Agricultural chemicals | farms | 3,853 | 3,834 | 3,627 |
| | \$1,000 | 20,396 | 17,187 | 16,134 |
| Sprays, dusts, granules, fumigants, etc., to control -- Insects on hay and other crops 3/ | farms | 1,790 | 1,604 | 1,840 |
| | acres on which used | 53,593 | 34,673 | 41,616 |
| Nematodes in crops | farms | 489 | 350 | 275 |
| | acres on which used | 15,587 | 11,086 | 8,169 |
| Diseases in crops and orchards | farms | 1,018 | 1,033 | 800 |
| | acres on which used | 21,036 | 33,343 | 30,824 |
| Weeds, grass, or brush in crops and pasture | farms | 2,820 | 2,685 | 2,820 |
| | acres on which used | 178,422 | 122,576 | 101,258 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit | farms | 157 | 184 | 216 |
| | acres on which used | 40,292 | 15,184 | 26,378 |

1/ Data for 1997 exclude lime and manure.

2/ Expense data for 1997 exclude lime.

3/ Data for 1997 include treatment of crops, including hay, but not other land.

Source: U.S. Department of Agriculture, *1997 Census of Agriculture, Hawaii*, (March 1999), p. 23 and U.S. Department of Agriculture, *2002 Census of Agriculture, Hawaii*, (June 2004), p. 32.

Table 19.20-- AQUACULTURE INDUSTRY OPERATIONS: 1970 TO 2006

| Year | Number of operations, Dec. 31 | Acreage, Dec. 31 | Production (1,000 lb.) | Value (\$1,000) |
|------|-------------------------------|------------------|------------------------|-----------------|
| 1970 | 2 | 193 | 20 | 11 |
| 1971 | 2 | 193 | 17 | 17 |
| 1972 | 2 | 193 | 18 | 23 |
| 1973 | 3 | 203 | 34 | 34 |
| 1974 | 4 | 213 | 41 | 136 |
| 1975 | 10 | 234 | 82 | 178 |
| 1976 | 14 | 235 | 94 | 210 |
| 1977 | 25 | 246 | 123 | 281 |
| 1978 | 25 | 320 | 178 | 525 |
| 1979 | 23 | 493 | 246 | 1,531 |
| 1980 | 37 | 575 | 320 | 1,655 |
| 1981 | 41 | 547 | 338 | 1,868 |
| 1982 | 44 | 643 | 551 | 2,625 |
| 1983 | 42 | 496 | 345 | 1,605 |
| 1984 | 47 | 474 | 441 | 2,300 |
| 1985 | 48 | 465 | 583 | 2,780 |
| 1986 | 44 | 444 | 1,015 | 3,549 |
| 1987 | 45 | 437 | 1,689 | 6,263 |
| 1988 | 44 | 477 | 1,170 | 5,560 |
| 1989 | 46 | 479 | 1,264 | 6,835 |
| 1990 | 53 | 489 | 1,452 | 9,241 |
| 1991 | 71 | 595 | 1,207 | 6,884 |
| 1992 | 83 | 615 | 1,272 | 7,134 |
| 1993 | 90 | 640 | 1,296 | 7,469 |
| 1994 | 105 | 605 | 990 | 9,036 |
| 1995 | 107 | 635 | 1,410 | 13,307 |
| 1996 | 117 | 695 | 1,992 | 15,656 |
| 1997 | 110 | (NA) | (NA) | 16,600 |
| 1998 | 105 | (NA) | 2,243 | 16,620 |
| 1999 | 100 | (NA) | 2,404 | 18,102 |
| 2000 | 85 | (NA) | 2,898 | 22,170 |
| 2001 | 80 | (NA) | (NA) | 22,200 |
| 2002 | 70 | (NA) | (NA) | 25,180 |
| 2003 | 85 | (NA) | (NA) | 27,650 |
| 2004 | 100 | (NA) | (NA) | 28,100 |
| 2005 | 70 | (NA) | (NA) | 28,398 |
| 2006 | 80 | (NA) | (NA) | 21,257 |

NA Not available.

Source: Hawaii State Department of Land and Natural Resources, Aquaculture Development Program (1970-1997), records and Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual) and <http://www.nass.usda.gov/hi/stats/t_of_c.htm> (1998-2006) accessed March 3, 2008.

**Table 19.21-- AQUACULTURE OPERATIONS, ACREAGE, PRODUCTION,
AND VALUE, BY COUNTY: 2005 AND 2006**

| Subject | State total | Hawaii | Honolulu | Kauai | Maui |
|------------------------|-------------|--------|----------|-------|------|
| 2005 | | | | | |
| Number of operations | 70 | 25 | (D) | (D) | (D) |
| Production (1,000 lb.) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Shellfish 1/ | (D) | (D) | (D) | (D) | (D) |
| Finfish | (D) | (D) | (D) | (D) | (D) |
| Algae | (X) | (X) | (X) | (X) | (X) |
| Value (\$1,000) | 28,398 | 20,179 | (D) | (D) | (D) |
| Shellfish | (D) | (D) | (D) | (D) | (D) |
| Finfish | (D) | (D) | (D) | (D) | (D) |
| Algae | 14,637 | (D) | (D) | (D) | (D) |
| Other 2/ | (D) | (D) | (D) | (D) | (D) |
| 2006 | | | | | |
| Number of operations | 80 | 25 | (D) | (D) | (D) |
| Production (1,000 lb.) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Shellfish 1/ | 180 | 103 | (D) | (D) | (D) |
| Finfish | 426 | (D) | (D) | (D) | (D) |
| Algae | (X) | (X) | (X) | (X) | (X) |
| Value (\$1,000) | 21,257 | 17,470 | (D) | (D) | (D) |
| Shellfish | 2,351 | 1,834 | (D) | (D) | (D) |
| Finfish | 2,388 | (D) | (D) | (D) | (D) |
| Algae | 11,914 | (D) | (D) | (D) | (D) |
| Other 2/ | 4,604 | (D) | (D) | (D) | (D) |

NA Not available.

D Not shown to avoid disclosure of individual operations, but combined and included in the state total.

X Not applicable.

1/ Some shellfish products sold by pieces, pounds not given.

2/ Non-food products: ornamental fish, seedstock, brood stock, and other. Items not sold by weight.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual); and

<http://www.nass.usda.gov/hi/stats/t_of_c.htm> accessed March 3, 2008.

Section 20

FORESTRY, FISHERIES, AND MINING

This section presents data on forests and forest reserves, commercial fishing and fish populations, and mining and mineral products.

Important sources of data on these subjects are *the United States Census of Mineral Industries* and *Mineral Industry Surveys*, U.S. Census Bureau, *2002 Economic Census, Geographic Area Series*, Mining, and reports and records of the Hawaii State Department of Land and Natural Resources, Division of Aquatic Resources and Division of Forestry and Wildlife. *Historical Statistics of Hawaii*, Section 14, summarizes the data for earlier periods. Comparable national statistics are reported in the *Statistical Abstract of the United States: 2008*, Sections 18.

Table
Number **Table Name**

(Click on the table number to go to corresponding table)

Narrative

| | |
|-----------------------|---|
| 20.01 | Forest and Natural Area Acreage, by Island: June 30, 2007 |
| 20.02 | Woodland on Farms, 1992, 1997, and 2002, and by County, 2002 |
| 20.03 | Forest and Brushland Fires, by Cause of Fire: 2004 to 2006 |
| 20.04 | Commercial Fishing: 2003 to 2007 |
| 20.05 | Commercial Fish Catch, by Species: 2005 to 2007 |
| 20.06 | Commercial Sea Landings, by Island: 2005 to 2007 |
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| 20.08 | Fish Populations Around Selected Shoreline Areas: Year Ending June 30, 2001 |
| 20.09 | Most Abundant and Heaviest Fish Species at Specified Locations: Year Ending June 30, 2001 |
| 20.10 | Mineral Industries: 1977 to 2002 |
| 20.11 | Nonfuel Mineral Production: 2003 to 2005 |

**Table 20.01-- FOREST AND NATURAL AREA ACREAGE, BY ISLAND:
JUNE 30, 2007**

| Island | Conservation district forest land | | Natural areas 3/ | |
|-------------|-----------------------------------|------------------------|------------------|---------|
| | Forest reserve land 1/ | Private forest land 2/ | Number of areas | Acres |
| State total | 637,000 | 328,742 | 19 | 109,164 |
| Hawaii | 448,000 | 106,745 | 8 | 82,535 |
| Maui | 4/ 83,000 | 53,180 | 4 | 17,123 |
| Kahoolawe | - | - | - | - |
| Lanai | - | 6,150 | - | - |
| Molokai | (4/) | - | 2 | 2,950 |
| Oahu | 31,000 | 88,817 | 3 | 1,770 |
| Kauai | 76,000 | 73,850 | 2 | 4,786 |
| Niihau | - | - | - | - |

1/ State-owned and privately-owned lands under surrender agreement in forest reserve system.

2/ Private forest land within conservation district. The majority of these lands were previously in the forest reserve system.

3/ Includes Waimanu Research Reserve (3,600 acres) and Alakai Wilderness Preserve (9,939 acres).

4/ Includes both Maui and Molokai.

Source: Hawaii State Department of Land and Natural Resources, Division of Forestry and Wildlife, records.

Table 20.02-- WOODLAND ON FARMS, 1992, 1997, AND 2002, AND BY COUNTY, 2002

[Acres]

| Use | 1992 | 1997 | 2002 | | | | |
|--------------|---------|---------|-------------|--------|----------|-------|------|
| | | | State total | Hawaii | Honolulu | Kauai | Maui |
| Total | 109,391 | 108,704 | 117,685 | 86,632 | 6,675 | (D) | (D) |
| Pastured | 40,909 | 31,844 | 41,467 | (D) | 787 | (D) | 461 |
| Not pastured | 68,482 | 76,860 | 76,218 | (D) | 5,888 | (D) | (D) |

D Withheld to avoid disclosing data for individual farms.

Source: U.S. Department of Agriculture, *1997 Census of Agriculture, Hawaii*, (March 1999), pp. 19 and 158. *2002 Census of Agriculture, Hawaii*, (June 2004), p. 195.

**Table 20.03-- FOREST AND BRUSHLAND FIRES, BY CAUSE OF FIRE:
2004 TO 2006**

| Cause of Fire | Number of Fires | | | Acres burned | | |
|----------------|-----------------|------|------|--------------|----------|----------|
| | 2004 | 2005 | 2006 | 2004 | 2005 | 2006 |
| State total | 89 | 109 | 205 | 2,069.3 | 26,492.6 | 14,584.8 |
| Lighting | 2 | 3 | 7 | 2.0 | 4.1 | 3,596.3 |
| Campfire | 7 | 8 | 4 | 8.4 | 801.7 | 783.1 |
| Smoking | 5 | - | - | 70.4 | - | - |
| Debris burning | 4 | 5 | 12 | 12.7 | 1.6 | 37.9 |
| Arson | 16 | 12 | 27 | 48.6 | 218.2 | 3,104.3 |
| Equipment | 9 | 6 | 15 | 16.5 | 135.9 | 679.9 |
| Railroads | - | - | - | - | - | - |
| Children | 1 | - | - | 0.1 | - | - |
| Miscellaneous | 39 | 75 | 140 | 1,910.6 | 25,331.1 | 6,383.3 |

Source: Hawaii State Department of Land and Natural Resources, Division of Forestry and Wildlife, Fire Management Program, *Annual Wildfire Summary Report*, <<http://www.state.hi.us/dlnr/dofaw/fmp/firedata.htm>> accessed April 30, 2007.

Table 20.04-- COMMERCIAL FISHING: 2003 TO 2007

[Fiscal year ending June 30. Represents the total sea catches of all licensed commercial fishers.

Excludes pond catches, The Aquaculture and Development Program, Department of Agriculture, surveys pond harvest market information]

| Year | Number of commercial fishermen | Commercial fish catch | | |
|------|--------------------------------|-----------------------|-------------|--------------------------------------|
| | | Pounds landed | Pounds sold | Value to primary producers (dollars) |
| 2003 | 3,434 | 24,054,939 | (1/) | (1/) |
| 2004 | 2,971 | 22,230,489 | (1/) | (1/) |
| 2005 | 3,248 | 24,876,316 | (1/) | (1/) |
| 2006 | 3,137 | 2/ 24,636,892 | (1/) | (1/) |
| 2007 | 3,220 | 24,121,875 | (1/) | (1/) |

1/ Due to revisions to the commercial fishing report forms in October 2002, licensed commercial fishers no longer report ex-vessel landing values. The latter information is collected from a fish dealer reporting system. The Division of Aquatic Resources is developing an application to integrate the fishing and fish dealer reporting systems to summarize landings with ex-vessel landing value information. Therefore, only total landings reported by commercial fishers are available at this time.

2/ Revised from previous *Data book*.

Source: Hawaii State Department of Land and Natural Resources, Division of Aquatic Resources, *Commercial Fish Landings for Fiscal Year* (annual) and records.

Table 20.05-- COMMERCIAL FISH CATCH, BY SPECIES: 2005 TO 2007

[Fiscal year ending June 30, pounds landed, excludes pond catches. Due to revisions to the commercial fishing report forms in 2002, data may not be comparable to previous years]

| Species | 2005 | 2006 1/ | 2007 |
|-------------------------------|------------|------------|------------|
| Total catch | 24,876,316 | 24,636,892 | 24,121,875 |
| Tunas | 14,127,723 | 14,361,338 | 13,549,850 |
| Aku (skipjack) | 976,053 | 811,535 | 1,203,700 |
| Tombo | 1,180,458 | 764,747 | 591,261 |
| Bigeye (ahi) | 8,598,957 | 9,805,946 | 9,160,496 |
| Yellowfin (ahi) | 3,345,652 | 2,950,509 | 2,567,524 |
| Billfishes | 4,423,925 | 3,763,115 | 4,466,445 |
| Blue marlin | 794,487 | 762,605 | 846,038 |
| Shortnose spearfish | 451,238 | 347,772 | 223,446 |
| Striped marlin | 984,581 | 708,898 | 1,048,471 |
| Swordfish | 2,174,633 | 1,923,964 | 2,319,023 |
| Miscellaneous pelagic species | 4,143,336 | 4,503,826 | 3,999,797 |
| Mahimahi | 1,439,053 | 1,544,162 | 1,129,293 |
| Monchong | 653,858 | 573,664 | 543,034 |
| Ono | 889,423 | 925,735 | 786,476 |
| Opah | 777,401 | 1,058,108 | 1,118,092 |
| Walu | 345,851 | 376,391 | 396,432 |
| Deep bottom fishes | 608,260 | 503,638 | 502,946 |
| Ehu | 34,804 | 29,821 | 24,939 |
| Hapuupuu | 43,285 | 42,047 | 29,628 |
| Opakapaka | 138,563 | 92,695 | 116,796 |
| Uku | 158,220 | 175,757 | 150,177 |
| Ulaula (onaga) | 158,076 | 99,814 | 120,416 |
| Akule/opelu | 923,669 | 843,567 | 999,564 |
| Akule | 728,778 | 462,485 | 649,017 |
| Opelu | 188,284 | 292,432 | 341,427 |
| Jacks | 63,873 | 46,285 | 49,610 |
| Inshore fishes | 272,449 | 248,436 | 265,082 |
| Sharks | 155,749 | 176,295 | 213,185 |
| Mako | 100,428 | 137,173 | 151,650 |
| Lobsters | 10,434 | 10,140 | 8,828 |
| Crabs | 33,018 | 32,227 | 31,235 |
| Shrimps | 54,379 | 103,857 | (2/) |
| Seaweeds | 16,593 | 7,521 | 4,979 |
| Unclassified / miscellaneous | 42,908 | 36,647 | 30,354 |

1/ Revised from previous year *Data Book*.

2/ Due to low level of fishermen reporting and to preserve confidentiality, data for these species are pooled under miscellaneous.

Source: Hawaii State Department of Land and Natural Resources, Division of Aquatic Resources, *Commercial Fish Landings, State of Hawaii--Fiscal Years 2006-2007* and records.

Table 20.06-- COMMERCIAL SEA LANDINGS, BY ISLAND: 2005 TO 2007

[Fiscal year ending June 30, pounds landed]

| Island | 2005 | 2006 1/ | 2007 |
|------------------|-------------|----------------|-------------|
| State total | 24,876,316 | 24,636,892 | 24,121,875 |
| Hawaii | 3,023,111 | 3,582,672 | 3,033,397 |
| Maui | 601,311 | 503,888 | 509,283 |
| Lanai | 22,777 | 18,412 | 18,291 |
| Molokai | 38,007 | 28,764 | 18,000 |
| Oahu | 20,610,062 | 19,928,957 | 19,894,118 |
| Kauai and Niihau | 581,048 | 574,201 | 648,786 |

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Land and Natural Resources, Division of Aquatic Resources, records.

**Table 20.07-- COMMERCIAL SEA LANDINGS, BY FISHING METHOD:
2005 TO 2007**

[Fiscal year ending June 30, pounds landed]

| Fishing method | 2005 | 2006 1/ | 2007 |
|-----------------------|-------------|----------------|-------------|
| All methods | 24,876,316 | 24,636,892 | 24,121,875 |
| Aku pole and line | 737,156 | 579,056 | 968,191 |
| Longline | 17,793,249 | 17,927,928 | 17,015,914 |
| Handline | 1,924,653 | 1,881,475 | 1,914,144 |
| Trolling | 2,570,436 | 2,604,873 | 2,682,806 |
| Net | 931,316 | 827,617 | 903,030 |
| Trap | 98,054 | 139,588 | 54,201 |
| All other methods | 821,452 | 676,356 | 583,589 |

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Land and Natural Resources, Division of Aquatic Resources, *Commercial Fish Landings, State of Hawaii--Fiscal Years 2006-2007* and records.

**Table 20.08-- FISH POPULATIONS AROUND SELECTED SHORELINE
AREAS: YEAR ENDING JUNE 30, 2001**

| Location | Species | Fish per acre | Pounds per acre |
|---------------------------------------|---------|------------------|--------------------|
| Marine Life Conservation Districts: | | | |
| Hanauma Bay, Oahu: | | | |
| Inshore | 59 | 3,067 | 1,473 |
| Offshore | 87 | 3,166 | 943 |
| Pupukea, Oahu | 89 | 8,123 | 1,717 |
| Waikiki, Oahu | 42 | 1,230 | 246 |
| Molokini Shoal, Maui | 58 | 4,234 | 623 |
| Honolua-Mokuleia Bay, Maui | 37 | 5,190 | 682 |
| Manele-Hulopoe Bays, Lanai | 62 | 7,462 | 1,368 |
| Kealakekua Bay, Hawaii | 43 | 2,138 | 274 |
| Lapakahi, Hawaii | 41 | 2,617 | 118 |
| Wailea Bay, Hawaii | 41 | 1,976 | 255 |
| Old Kona Airport, Hawaii | 19 | 2,003 | 208 |
| Artificial reefs: | | | |
| Maunalua Bay Tire Reef, Oahu | 32 | 5,056 | 810 |
| Maunalua Bay "Cee Bee 24 Barge," Oahu | 45 | 2,821 | 321 |
| Maunalua Bay "Mud Scow Barge," Oahu | 39 | 3,906 | 273 |
| Maunalua Bay "Keehi Barge," Oahu | 39 | 5,148 | 525 |
| Maunalua Bay "Landing Craft," Oahu | 25 | 833 | 82 |
| Waianae "Z-Slabs," Oahu | 34 | 1,368 | 155 |
| Waianae "Landing Craft," Oahu | 27 | 1,098 | 135 |
| Waianae "Mahi," Oahu | 42 | 7,227 | 881 |
| Keawakapu Tire Reef, Maui | (NA) | 3,814 | 540 |
| Fisheries Management Areas: | | | |
| Waikiki-Diamond Head, Oahu 1/ | 44 | 461 | 56 |
| Waikiki-Diamond Head, Oahu 2/ | 66 | 1,304 | 217 |
| Puako Bay and Pualo Reef, Hawaii | 34 | 1,973 | 336 |
| Red Hill, Hawaii | 29 | 5,017 | 184 |
| Kiholo Bay, Hawaii | 36 | 2,091 | 200 |
| Papawai Bay, Hawaii | 34 | 4,957 | 449 |
| Other areas: | | | |
| Honaunau Bay | 28 | 1,588 | 167 |

NA Not available.

1/ Survey taken on December 28, 2000, during the open fishing period.

2/ Survey taken on June 25, 2001, during the closed fishing period.

Source: Hawaii State Department of Land and Natural Resources, Division of Aquatic Resources, *Statewide Marine Research and Surveys, Survey of Fish and Habitat, July 1, 2000 to June 30, 2001.*

Table 20.09-- MOST ABUNDANT AND HEAVIEST FISH SPECIES AT SPECIFIED LOCATIONS: YEAR ENDING JUNE 30, 2001

[Three leading species at each location, based on both individuals per acre and pounds per acre]

| Location and species | Individuals per acre | | Pounds per acre | |
|--|----------------------|--------|-----------------|--------|
| | Rank | Number | Rank | Number |
| Hanauma Bay MLCD (inshore): | | | | |
| Manini (<i>Acanthurus triostegus</i>) | 1 | 958 | 3 | 137 |
| Yellow-eye damsel (<i>Eupomacentrus fasciolatus</i>) | 2 | 221 | (1/) | (NA) |
| Aholehole (<i>Kuhlia sandvicensis</i>) | 3 | 203 | 9 | 48 |
| Redlipped parrot (<i>Scarus rubroviolaceus</i>) | (1/) | (NA) | 1 | 414 |
| Clown tang (<i>Naso lituratus</i>) | 10 | 78 | 2 | 212 |
| Honolua-Mokuleia Bay MLCD: | | | | |
| Maiii/lavender tang (<i>Acanthurus nigrofuscus</i>) | 1 | 1,416 | 1 | 127 |
| Saddle-back wrasse (<i>Thalassoma duperrey</i>) | 2 | 1,325 | 4 | 54 |
| Kole (<i>Ctenochaetus strigosus</i>) | 3 | 647 | 3 | 92 |
| Clown tang (<i>Naso lituratus</i>) | (1/) | (NA) | 2 | 102 |
| Kealakekua Bay MLCD: | | | | |
| Kole (<i>Ctenochaetus strigosus</i>) | 1 | 303 | 6 | 15 |
| Agile damsel (<i>Chromis agilis</i>) | 2 | 283 | 3 | 30 |
| Blackfin damsel (<i>Chromis vanderbilti</i>) | 3 | 277 | (1/) | (NA) |
| Yellow tang (<i>Zebrasoma flavescens</i>) | 4 | 277 | 1 | 34 |
| Parrotfishes (Family Scaridae) | (1/) | (NA) | 2 | 33 |

NA Not available.

MLCD Marine Life Conservation District.

1/ Not in first 10.

Source: Hawaii State Department of Land and Natural Resources, Division of Aquatic Resources, *Statewide Marine Research and Surveys, Survey of Fish and Habitat, July 1, 2000 to June 30, 2001.*

Table 20.10-- MINERAL INDUSTRIES (NAICS 21): 1977 TO 2002

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| Subject | 1977 | 1982 | 1987 | 1992 | 1997 | 2002 |
|--|------|------|------|------|------|------|
| Number of establishments | 7 | 12 | 9 | 7 | 7 | 8 |
| With 20 employees or more | 2 | 4 | 4 | 4 | 2 | 1 |
| All employees: | | | | | | |
| Number (1,000) 1/ | .1 | .2 | .2 | .2 | .1 | .1 |
| Annual payroll (million dollars) | 1.9 | 3.8 | 7.4 | 9.4 | 5.6 | 7.3 |
| Production, development, and exploration workers: | | | | | | |
| Number (1,000) 1/ | .1 | .1 | .2 | .2 | .1 | .1 |
| Annual hours (millions) | .2 | .2 | .4 | .4 | .2 | .2 |
| Annual wages (million dollars) | 1.5 | 2.6 | 5.7 | 8.1 | 4.7 | 5.1 |
| Value added (million dollars) | 8.1 | 9.7 | 23.5 | 27.3 | 22.0 | 20.7 |
| Total cost of supplies (million dollars) | 2.9 | 5.9 | 10.4 | 11.3 | (D) | 6.6 |
| Total value of shipments and receipts for services (million dollars) | 9.7 | 12.8 | 31.1 | 33.7 | 33.3 | 25.6 |
| Capital expenditures (million dollars) | 1.3 | 2.7 | 2.8 | 4.8 | (D) | 1.7 |

D Withheld to avoid disclosing data for individual companies.

1/ For pay period including March 12.

Source: U.S. Census Bureau, *1987 Census of Mineral Industries, Geographic Area Series, Pacific States*, MIC87-A-9 (October 1990), Hawaii table 1; *1992 Census of Mineral Industries, Geographic Area Series, Pacific States*, MIC92-A-9 (May 1996), Hawaii table 1; *1997 Economic Census, Mining, Geographic Area Series, Hawaii*, EC97N21A-HI (May 2000), table 1; *2002 Economic Census, Mining, Geographic Area Series, Hawaii*, EC02-21A-HI (April 2005), table 1.

Table 20.11-- NONFUEL MINERAL PRODUCTION: 2003 TO 2005

[Production as measured by mine shipments, sales, or marketable production (including consumption by producers), Data are rounded to no more than three significant digits; may not add to totals shown]

| Minerals | 2003 | 2004 | 2005 |
|--------------------------------|--------|-----------|---------|
| QUANTITY (1,000 METRIC TONS) | | | |
| Cement, masonry | (D) | - | - |
| Gemstones | (NA) | (NA) | (NA) |
| Sand and gravel (construction) | 808 | 1,260 | 1,390 |
| Stone (crushed) | 5,620 | 1/ 5,470 | 6,170 |
| VALUE (\$1,000) | | | |
| Total | 75,100 | 1/ 73,700 | 100,000 |
| Cement, masonry | 1/ (D) | - | - |
| Gemstones | 119 | 262 | 217 |
| Sand and gravel (construction) | 9,560 | 12,100 | 17,500 |
| Stone (crushed) | 65,400 | 1/ 61,300 | 82,300 |

NA Not available.

D Value withheld to avoid disclosing company proprietary data.

1/ Revised from previous *Data Book* .

Source: U.S. Geological Survey, Minerals Information, "*The Mineral Industry of Hawaii*," *Hawaii 2005*, <<http://minerals.er.usgs.gov/minerals/pubs/state/hi.html>> accessed June 19, 2007.

Section 21

CONSTRUCTION AND HOUSING

This section presents statistics on construction activity and costs, the size and composition of the housing inventory, occupancy of housing units and office buildings, home sales, and residential financing. Related series are included in Sections 6 (land use) and 14 (prices).

The principal sources for these data are the U.S. Census Bureau, various series compiled by state and county agencies (primarily the Hawaii State Department of Business, Economic Development & Tourism; Hawaii State Department of Commerce and Consumer Affairs; Hawaii State Department of Taxation; the Hawaii Housing Finance and Development Corporation; the Hawaii Public Housing Authority; the Hawaii Bureau of Conveyances; and the four county building departments) and local real estate companies. Persons interested in figures for earlier periods should consult *Historical Statistics of Hawaii*, Section 15. National statistics appear in Section 20 of the *Statistical Abstract of the United States: 2008*.

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**Table 21.01-- NUMBER AND VALUE OF BUILDING PERMITS, BY
COUNTY: 2001 TO 2007**

| Year | State total | City and County of Honolulu | Hawaii County | Kauai County | Maui County |
|--------------------------------------|------------------------|--|--------------------------|-------------------------|------------------------|
| NUMBER ISSUED | | | | | |
| 2001 | 19,466 | 12,929 | 3,288 | 1,237 | 2,012 |
| 2002 | 1/ 20,002 | 14,172 | 3,437 | 1/ 478 | 1,915 |
| 2003 | 2/ 23,213 | 16,261 | 3/ 4,250 | 1/ 503 | 2,199 |
| 2004 | 1/ 22,043 | 14,787 | 4,321 | 1/ 463 | 2,472 |
| 2005 | 1/ 23,840 | 15,174 | 5,436 | 1/ 882 | 2,348 |
| 2006 | 1/ 24,117 | 16,019 | 5,184 | 1/ 510 | 2,404 |
| 2007 | 1/ 21,248 | 13,954 | 4,580 | 1/ 518 | 2,196 |
| ESTIMATED VALUE (\$1,000) | | | | | |
| 2001 | 1,585,739 | 682,660 | 380,249 | 210,094 | 312,737 |
| 2002 | 1/ 1,772,027 | 876,049 | 449,601 | 1/ 172,660 | 273,716 |
| 2003 | 2/ 2,361,234 | 1,109,568 | 3/ 629,147 | 1/ 153,242 | 469,277 |
| 2004 | 1/ 2,726,536 | 1,320,552 | 826,494 | 1/ 130,659 | 448,831 |
| 2005 | 1/ 3,491,964 | 1,364,030 | 1,008,386 | 1/ 288,132 | 831,416 |
| 2006 | 1/ 3,770,051 | 1,625,328 | 926,019 | 1/ 239,294 | 979,412 |
| 2007 | 1/ 3,585,447 | 1,676,232 | 912,529 | 1/ 268,915 | 727,772 |

1/ Kauai County data consists of residential data only from the U.S. Census Bureau. Prior to 2002, Kauai County data was obtained from the Kauai County Building Department.

2/ Revised from previous *Data Book*. Kauai County data consists of residential data only from the U.S. Census Bureau. Prior to 2002, Kauai County data was obtained from the Kauai County Building Department.

3/ Revised from previous *Data Book*.

Source: Compiled from county building departments by the Hawaii State Department of Business, Economic Development & Tourism; U.S. Census Bureau, Building Permits

<<http://censtats.census.gov/bldg/bldgprmt.shtml>>.

**Table 21.02-- VALUE OF BUILDING PERMITS, BY TYPE, BY COUNTY:
2005 TO 2007**

[In thousands of dollars]

| Category | State total 1/ | City and County of Honolulu | Hawaii County | Kauai County 1/ | Maui County |
|---------------------------|-----------------------|------------------------------------|----------------------|------------------------|--------------------|
| 2005 | | | | | |
| Total | 3,491,964 | 1,364,030 | 1,008,386 | 288,132 | 831,416 |
| Residential | 2,259,265 | 650,966 | 833,761 | 288,132 | 486,407 |
| Hotel | 186,079 | 46,955 | 7,200 | (NA) | 131,924 |
| Non-residential | 247,470 | 65,965 | 79,647 | (NA) | 101,858 |
| Additions and alterations | 799,149 | 600,144 | 87,778 | (NA) | 111,227 |
| 2006 | | | | | |
| Total | 3,770,051 | 1,625,328 | 926,019 | 239,294 | 979,412 |
| Residential | 1,811,828 | 495,949 | 714,307 | 239,294 | 362,279 |
| Hotel | 400,142 | - | - | (NA) | 400,142 |
| Non-residential | 331,893 | 88,309 | 126,013 | (NA) | 117,570 |
| Additions and alterations | 1,226,189 | 1,041,070 | 85,698 | (NA) | 99,421 |
| 2007 | | | | | |
| Total | 3,585,447 | 1,676,232 | 912,529 | 268,915 | 727,772 |
| Residential | 1,855,375 | 597,794 | 686,264 | 268,915 | 302,401 |
| Hotel | 261,153 | 80,000 | - | (NA) | 181,153 |
| Non-residential | 442,736 | 199,128 | 115,879 | (NA) | 127,728 |
| Additions and alterations | 1,026,184 | 799,309 | 110,385 | (NA) | 116,489 |

NA Not available.

1/ Totals do not include hotel, non-residential and additions/alterations data for Kauai County. Only Kauai County residential data was available from the U.S. Census Bureau.

Source: Compiled from county building departments by the Hawaii State Department of Business, Economic Development & Tourism; U.S. Census Bureau, Building Permits
<<http://censtats.census.gov/bldg/bldgprmt.shtml>>.

**Table 21.03-- ACCEPTED VALUE PER HOUSING UNIT FOR THE
CITY AND COUNTY OF HONOLULU: 2005 TO 2007**

[Not comparable to *Data Books* prior to 2006. In dollars. Excludes building permits for additions, alterations and repair. "Accepted value" is the cost of construction for which building permits are issued]

| Type of structure | 2005 | 2006 | 2007 |
|--------------------------|-------------|-------------|-------------|
| One-family | 208,105 | 283,958 | 333,078 |
| Two-family | 158,807 | 269,344 | 271,577 |
| Multi-family | 130,186 | 117,936 | 138,127 |

Source: Compiled from the City and County of Honolulu Department of Planning and Permitting by the Hawaii State Department of Business, Economic Development & Tourism; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 21.04-- GENERAL EXCISE TAX BASE FOR CONTRACTING:
1994 TO 2007**

[In thousands of dollars. Data are on a cash basis accounting. Calendar year in which reported, including "prior years" reports. Income received in December is reported the following January, hence these annual totals generally refer to income received in the 12-month period ending November 30]

| Year | Amount | Year | Amount | Year | Amount |
|------|-----------|------|-----------|------|--------------|
| 1994 | 3,322,339 | 1999 | 2,991,201 | 2004 | 4,921,512 |
| 1995 | 3,133,510 | 2000 | 3,613,485 | 2005 | 5,851,033 |
| 1996 | 3,285,106 | 2001 | 3,766,404 | 2006 | 1/ 7,223,334 |
| 1997 | 2,944,427 | 2002 | 4,274,956 | 2007 | 8,072,912 |
| 1998 | 3,015,977 | 2003 | 4,536,323 | | |

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Taxation, *General Excise and Use Tax Collections* (annual calendar year summary) <http://hawaii.gov/tax/a5_3txcolrptarchive.htm> accessed June 10, 2008.

**Table 21.05-- GENERAL CONSTRUCTION STATISTICS FOR
ESTABLISHMENTS WITH PAYROLL (NAICS 23): 2002**

[Excludes establishments without payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to 1997]

| Measure | Amount |
|---|-----------|
| Number of establishments | 2,350 |
| Number of employees | |
| Total | 27,287 |
| Construction workers | 19,726 |
| Number in | |
| March | 18,831 |
| May | 19,620 |
| August | 20,280 |
| November | 20,173 |
| Payroll (\$1,000) | |
| All employees | 1,139,031 |
| Construction workers | 770,909 |
| Value of construction work (\$1,000) 1/ | 5,562,996 |
| Value of construction work on government owned projects | 1,616,901 |
| Value of construction work on privately owned projects | 3,946,095 |
| Net value of construction work (\$1,000) | 3,809,556 |
| Value added (\$1,000) | 2,527,112 |
| Cost of materials, components, supplies, and fuels (\$1,000) | 1,359,502 |
| Cost of construction work subcontracted out to others (\$1,000) | 1,753,440 |
| Total rental cost (\$1,000) 2/ | 104,863 |
| Capital expenditures, except land (\$1,000) | 87,095 |
| End-of-year gross book value of depreciable assets (\$1,000) | 786,657 |

1/ Definition modified from the 1997 Economic Census definition. In the 1987-1997 censuses, the value of construction work was collected to measure actual construction activity done during the year. Studies have shown that respondents were not able to accurately report these data. In 2002, receipts, billings, or sales for construction work was collected.

2/ Includes the costs for renting and/or leasing construction machinery and equipment, transportation equipment, production equipment, office equipment, furniture and fixtures, scaffolding, office space, and buildings. It excludes costs for the rental of land. It also excludes costs under agreements that in effect are conditional sales contracts such as capital leases.

Source: U.S. Census Bureau, *2002 Economic Census, Geographic Area Series, Construction, Hawaii*, EC02-23A-HI (August 2005), Tables 1, 2 and 3 <<http://www.census.gov/prod/ec0223ahi.pdf>> accessed January 17, 2006.

Table 21.06-- CHARACTERISTICS OF THE CONSTRUCTION INDUSTRIES (NAICS 23): 2002

[Excludes establishments without payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to 1997.]

| NAICS code | Kind of business | Estab-lish-ments | No. of employees | | Payroll (\$1,000) | | Value of construction work (\$1,000) 1/ |
|------------|--|------------------|------------------|-----------------------|-------------------|-----------------------|---|
| | | | All | Con-struction workers | All employ-ees | Con-struction workers | |
| 23 | Total | 2,350 | 27,287 | 19,726 | 1,139,031 | 770,909 | 5,562,996 |
| 236 | Construction of buildings | 739 | 8,404 | 5,769 | 386,971 | 238,965 | 2,947,094 |
| 2361 | Residential building construction | 566 | 4,237 | 2,897 | 173,663 | 102,698 | 1,450,660 |
| 23611 | Residential building construction | 566 | 4,237 | 2,897 | 173,663 | 102,698 | 1,450,660 |
| 236115 | New single-family housing construction (except operative builders) | 264 | 2,399 | 1,753 | 105,601 | 69,177 | 707,731 |
| 236116 | New multi-family housing construction (except operative builders) | 3 | (D) | (D) | (D) | (D) | (D) |
| 236117 | New housing operative builders | 2/ 86 | (D) | (D) | 38,122 | (D) | 561,504 |
| 236118 | Residential remodelers | 212 | 878 | 569 | (D) | (D) | (D) |
| 2362 | Nonresidential building construction | 174 | 4,167 | 2,872 | 213,308 | 136,267 | 1,496,434 |
| 237 | Heavy and civil engineering construction 3/ | 141 | 3,161 | 2,142 | 146,568 | 95,454 | 606,389 |
| 2371 | Utility system construction | 43 | 1,043 | 812 | 45,363 | 32,346 | (D) |
| 2372 | Land subdivision | 2/ 44 | 470 | 130 | 19,843 | 6,621 | (D) |
| 2373 | Highway, street, and bridge construction | 24 | 829 | 625 | 49,127 | 34,399 | (D) |
| 238 | Specialty trade contractors 3/ | 1,470 | 15,722 | 11,815 | 605,492 | 436,490 | 2,009,513 |
| 2381 | Foundation, structure, and building exterior contractors | 290 | 3,019 | 2,388 | 122,907 | 92,452 | 421,369 |
| 2382 | Building equipment contractors 3/ | 512 | 5,374 | 3,926 | 229,221 | 158,706 | 815,502 |
| 23821 | Electrical contractors | 207 | 2,565 | 1,961 | 103,166 | 72,683 | 372,229 |
| 23822 | Plumbing, heating, and air-conditioning contractors | 280 | 2,320 | 1,653 | 96,844 | 65,305 | 358,921 |
| 2383 | Building finishing contractors | 487 | 4,344 | 3,309 | 153,957 | 111,693 | 426,827 |

D Withheld to avoid disclosing data of individual companies.

1/ Definition modified from the 1997 Economic Census definition. In the 1987-1997 censuses, the value of construction work was collected to measure actual construction activity done during the year. Studies have shown that respondents were not able to accurately report these data. In 2002, receipts, billings, or sales for construction work was collected.

2/ Sampling error exceeds 40 percent.

3/ Includes subgroups not shown separately.

Source: U.S. Census Bureau, *2002 Economic Census, Geographic Area Series, Construction, Hawaii*, EC02-23A-HI (August 2005), Tables 1 and 2 <<http://www.census.gov/prod/ec0223ahi.pdf>> accessed January 17, 2006.

**Table 21.07-- PRIVATE RESIDENTIAL CONSTRUCTION AND DEMOLITION
AUTHORIZED BY PERMITS, BY COUNTY: 2002 TO 2007**

| Category and year authorized | State total | City and County of Honolulu | Other counties | | | |
|--------------------------------|-------------|-----------------------------|----------------|--------|-------|--------|
| | | | Total | Hawaii | Kauai | Maui |
| New single family units | | | | | | |
| 2002 | 1/ 4,323 | 1,822 | 1/ 2,501 | 1,243 | 450 | 1/ 808 |
| 2003 | 5,558 | 2,315 | 3,243 | 1,932 | 422 | 889 |
| 2004 | 5,568 | 1,828 | 3,740 | 2,179 | 401 | 1,160 |
| 2005 | 6,026 | 1,917 | 4,109 | 2,698 | 440 | 971 |
| 2006 | 5,765 | 1,724 | 4,041 | 2,484 | 474 | 1,083 |
| 2007 | 4,532 | 1,244 | 3,288 | 1,852 | 374 | 1,062 |
| New duplex units | | | | | | |
| 2002 | 238 | 126 | 112 | 38 | 38 | 36 |
| 2003 | 160 | 100 | 60 | 44 | 10 | 6 |
| 2004 | 226 | 84 | 142 | 82 | 32 | 28 |
| 2005 | 664 | 146 | 518 | 156 | 156 | 206 |
| 2006 | 368 | 246 | 122 | 4 | 74 | 44 |
| 2007 | 130 | 70 | 60 | 8 | 18 | 34 |
| New apartment units | | | | | | |
| 2002 | 1,592 | 849 | 743 | 255 | 117 | 371 |
| 2003 | 1/ 1,079 | 260 | 1/ 819 | 413 | 122 | 1/ 284 |
| 2004 | 3,270 | 2,055 | 1,215 | 844 | - | 371 |
| 2005 | 3,186 | 1,775 | 1,411 | 615 | 408 | 388 |
| 2006 | 1,628 | 739 | 889 | 266 | 319 | 304 |
| 2007 | 2,701 | 1,893 | 808 | 307 | 284 | 217 |
| Units demolished | | | | | | |
| 2002 | 398 | 310 | 88 | 2/ 33 | 21 | 34 |
| 2003 | 486 | 404 | 82 | 35 | - | 47 |
| 2004 | (NA) | (NA) | 122 | 56 | 22 | 44 |
| 2005 | 777 | 640 | 137 | 57 | 28 | 52 |
| 2006 | 662 | 557 | 105 | 43 | 15 | 47 |
| 2007 | 643 | 497 | 146 | 62 | 36 | 48 |

NA Not available.

1/ Revised from previous *Data Book*.

2/ Figures based on the 12-month period ending March 31 of the following year. For example, 2002 data was based upon the 12-month period ending March 31, 2003.

Source: Compiled from county building departments by the Hawaii State Department of Business, Economic Development & Tourism.

Table 21.08-- REVENUES OF TOP CONTRACTORS: 2004 TO 2006

[In millions of dollars. Contractors with the highest revenues based on 2006 survey responses]

| Rank | Contractor | 2004 1/ | 2005 2/ | 2006 |
|------|---|----------|----------|----------|
| 1 | Hawaiian Dredging Construction Co., Inc. | 350.00 | 459.00 | 556.00 |
| 2 | Dick Pacific Construction Co., Ltd. | 353.00 | 400.00 | 337.00 |
| 3 | Actus Lend Lease, LLC | (NA) | 270.00 | 178.33 |
| 4 | Pankow | (NA) | 51.20 | 172.20 |
| 5 | Grace Pacific Corporation | 119.00 | 134.00 | 154.00 |
| 6 | Coastal Construction Co., Inc. | 87.50 | 110.40 | 144.00 |
| 7 | Ledcor -U.S. Pacific Construction, LLC 3/ | 4/ 32.99 | 57.96 | 133.85 |
| 8 | Albert C. Kobayashi, Inc. | 148.10 | 138.00 | 132.00 |
| 9 | Maryl Pacific Construction, Inc. 5/ | 63.00 | 115.00 | 123.00 |
| 10 | Isemoto Contracting Co., Ltd. | 69.40 | 93.90 | 118.20 |
| 11 | Dorvin D. Leis Co., Inc. | 51.00 | 75.70 | 105.20 |
| 12 | Nan, Inc. | 46.33 | 63.00 | 97.00 |
| 13 | Swinerton Builders | (NA) | 53.36 | 90.20 |
| 14 | Parsons RCI, Inc. | 104.00 | 56.00 | 83.80 |
| 15 | Group Builders, Inc. | 48.55 | 75.40 | 80.30 |
| 16 | Nordic Construction, Ltd. | 59.90 | 74.50 | 76.40 |
| 17 | Royal Contracting Co., Ltd. | 76.00 | 69.80 | 76.00 |
| 18 | Delta Construction Corp. | (NA) | (NA) | 67.00 |
| 19 | Healy Tibbitts Builders, Inc. | 4/ 34.23 | (NA) | 64.57 |
| 20 | Kiewit Pacific Co. | 74.00 | 6/ 41.00 | 7/ 58.00 |
| 20 | Shioi Construction, Inc. | 25.00 | 45.00 | 7/ 58.00 |
| 22 | PCL Construction Services, Inc. | (NA) | (NA) | 55.50 |
| 23 | Metcalf Construction Co., Ltd. | (NA) | (NA) | 52.00 |
| 24 | Allied Builders System | 23.00 | 39.00 | 50.00 |
| 25 | Kiewit Building Group, Inc. | (NA) | 36.00 | 43.11 |

NA Not available.

1/ Figures furnished in 2005 by the 2004 Top 25 listees.

2/ Figures furnished in 2006 by the 2005 Top 25 listees.

3/ In 2005, U.S. Pacific Construction, Inc. was acquired by the Ledcor Group of Companies and became Ledcor-U.S. Pacific Construction, LLC.

4/ Figure as furnished by company in 2005.

5/ In 2005, Maryl Pacific Construction, Inc. was listed in the rankings by its parent company name which is Maryl Group, Inc..

6/ Revised figure as furnished by company in 2006.

7/ Tied in ranking.

Source: *Building Industry*, "Building Industry Hawaii's Top 25 Contractors" (July 2007), p. 41 and 42 <<http://www.buildingindustryhawaii.com/deepfreeze/bi707/TOP252007.pdf>> accessed January 4, 2008 and "Ledcor Group Expands Through Acquisition of U.S. Pacific Construction- Hawaii" <<http://www.ledcor.com/resources/file/LedcorUSPacificMainland.pdf>> (June 21, 2005) accessed January 8, 2008.

Table 21.09-- REVENUES OF TOP CONTRACTORS: 2005 TO 2007

[In millions of dollars. Contractors with the highest revenues based on 2007 survey responses]

| Rank | Contractor | 2005 1/ | 2006 2/ | 2007 |
|------|---|----------|---------|--------|
| 1 | Hawaiian Dredging Construction Co., Inc. | 459.00 | 556.00 | 646.00 |
| 2 | Actus Lend Lease, LLC | 270.00 | 178.33 | 390.83 |
| 3 | Dick Pacific Construction Co., Ltd. | 400.00 | 337.00 | 301.00 |
| 4 | PCL Construction Services, Inc. | (NA) | 55.50 | 233.00 |
| 5 | Albert C. Kobayashi, Inc. | 138.00 | 132.00 | 219.00 |
| 6 | Ledcor -U.S. Pacific Construction, LLC 3/ | 57.96 | 133.85 | 205.50 |
| 7 | Grace Pacific Corp. | 134.00 | 154.00 | 202.42 |
| 8 | Coastal Construction Co., Inc. | 110.40 | 144.00 | 156.60 |
| 9 | Isemoto Contracting Co., Ltd. | 93.90 | 118.20 | 132.20 |
| 10 | Group Builders, Inc. | 75.40 | 80.30 | 125.70 |
| 11 | Nordic Construction, Ltd. | 74.50 | 76.40 | 122.20 |
| 12 | Maryl Group, Inc. 4/ | 115.00 | 123.00 | 120.50 |
| 13 | Dorvin D. Leis Co., Inc. | 75.70 | 105.20 | 117.30 |
| 14 | Nan, Inc. | 63.00 | 97.00 | 105.30 |
| 15 | Kiewit Pacific Co. | 5/ 58.00 | 58.00 | 96.00 |
| 16 | Swinerton Builders | 53.36 | 90.20 | 95.14 |
| 17 | Parsons 6/ | 56.00 | 83.80 | 90.60 |
| 18 | Kiewit Building Group | 36.00 | 43.11 | 89.90 |
| 19 | Delta Construction Corp. | (NA) | 67.00 | 88.00 |
| 20 | Royal Contracting Co., Ltd. | 69.80 | 76.00 | 83.30 |
| 21 | Pankow | 51.20 | 172.20 | 71.50 |
| 22 | Shioi Construction, Inc. | 45.00 | 58.00 | 64.90 |
| 23 | Allied Builders System | 39.00 | 50.00 | 63.00 |
| 24 | Healy Tibbitts Builders, Inc. | (NA) | 64.57 | 61.00 |
| 25 | Alakai Mechanical Corp. | 42.70 | (NA) | 51.21 |

NA Not available.

1/ Figures furnished in 2006 by the 2005 Top 25 listees.

2/ Figures furnished in 2007 by the 2006 Top 25 listees.

3/ In 2005, U.S. Pacific Construction, Inc. was acquired by the Ledcor Group of Companies and became Ledcor-U.S. Pacific Construction, LLC.

4/ In the 2006 ranking, it was listed as Maryl Pacific Construction, Inc. while in 2005 and 2007 rankings, it was listed by its parent company name which is Maryl Group, Inc..

5/ Revised from Table 21.08.

6/ In 2005 and 2006, Parsons listed as Parsons RCI Inc.

Source: *Building Industry*, "Building Industry Top 25 Contractors" (July 2008), p. 34 and 38.

Table 21.10-- HONOLULU CONSTRUCTION COST INDEXES: 1994 TO 2007

[January 1992=100. Data are annual averages]

| Year | Single-family residence | | | High-rise building | | |
|------|-------------------------|-------------------|----------|--------------------|-------------------|----------|
| | All components | Materials' prices | Labor 1/ | All components | Materials' prices | Labor 1/ |
| 1994 | 121.2 | 129.4 | 111.7 | 109.9 | 107.0 | 112.5 |
| 1995 | 118.2 | 119.9 | 116.1 | 114.1 | 110.8 | 117.1 |
| 1996 | 2/ 125.6 | 129.1 | 121.3 | 116.9 | 110.9 | 122.1 |
| 1997 | 129.3 | 132.7 | 125.3 | 119.3 | 111.8 | 126.0 |
| 1998 | 2/ 129.2 | 131.4 | 126.5 | 119.4 | 111.4 | 127.4 |
| 1999 | 129.8 | (NA) | (NA) | 121.1 | 111.4 | 131.3 |
| 2000 | 135.2 | (NA) | (NA) | 126.6 | (NA) | (NA) |
| 2001 | 142.6 | (NA) | (NA) | 134.1 | (NA) | (NA) |
| 2002 | 149.9 | (NA) | (NA) | 139.5 | (NA) | (NA) |
| 2003 | 154.7 | (NA) | (NA) | 143.7 | (NA) | (NA) |
| 2004 | 163.1 | (NA) | (NA) | 151.6 | (NA) | (NA) |
| 2005 | 175.1 | (NA) | (NA) | 159.5 | (NA) | (NA) |
| 2006 | 192.4 | (NA) | (NA) | 174.2 | (NA) | (NA) |
| 2007 | 207.6 | (NA) | (NA) | 188.0 | (NA) | (NA) |

NA Not available.

1/ Wages and benefits.

2/ Revised from previous *Data Book*.

Source: First Hawaiian Bank, Research Department, records; Hawaii State Department of Business, Economic Development & Tourism, Research and Economic Analysis Division, *Quarterly Statistical and Economic Report - 1st Quarter* (annual),

<http://www.hawaii.gov/dbedt/info/economic/data_reports/info/economic/data_reports/qser/> accessed March 4, 2008 and records.

**Table 21.11-- CONDOMINIUM ASSOCIATIONS AND APARTMENTS
REGISTERED: 1996 TO 2007**

[Fiscal year ending June 30. Biennial registration was started in June 1997]

| Fiscal year | Associations registered | Apartments represented | Fiscal year | Associations registered | Apartments represented |
|--------------------|--------------------------------|-------------------------------|--------------------|--------------------------------|-------------------------------|
| 1996 | 1,249 | 107,580 | 2002 | 1,439 | 133,276 |
| 1997 | 1,277 | 106,052 | 2003 | 1,456 | 134,444 |
| 1998 1/ | 1,339 | 112,832 | 2004 | 1,469 | 135,708 |
| 1999 | 1,361 | 114,449 | 2005 | 1,501 | 138,334 |
| 2000 | 1,389 | 116,750 | 2006 | 1,546 | 142,171 |
| 2001 | 1,419 | 118,209 | 2007 | 1,565 | 145,124 |

1/ The first biennial registration, for the July 1, 1997 through June 30, 1999 biennium, was due on June 30, 1997. As a result, registrations were received in both the 1997 and 1998 fiscal years. The numbers reported here show the number of associations and apartments that registered for the biennium and include registrations received during each fiscal year.

Source: Hawaii Real Estate Commission, *2007 Annual Report Real Estate Commission*
<<http://hawaii.gov/dcca/areas/real/main/reports/>> accessed February 20, 2008.

**Table 21.12-- CONDOMINIUM PROJECTS REGISTERED WITH THE STATE
OF HAWAII: 2003 TO 2007**

[Fiscal year ending June 30. Registration is required only for projects that are being offered for sale, whether they are new or are already existing. In mixed use condominium projects, the predominant use is reported. This is done to prevent the multiple counting of a project filing]

| Subject | 2003 | 2004 | 2005 | 2006 | 2007 |
|------------------|-------------|-------------|-------------|-------------|-------------|
| Projects | 301 | 411 | 469 | 543 | 459 |
| Individual units | 4,705 | 10,106 | 15,695 | 11,243 | 11,157 |

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Real Estate Branch, *2007 Annual Report Real Estate Commission*
<<http://hawaii.gov/dcca/areas/real/main/reports/>> accessed February 20, 2008.

Table 21.13-- NEW CONDOMINIUM PROJECTS, BY TYPE: 2003 TO 2007

[Fiscal years ending June 30. In mixed use condominium projects, the predominant use is reported. This is done to prevent the multiple counting of a project filing]

| Type of project | 2003 | 2004 | 2005 | 2006 | 2007 |
|----------------------|------|--------|--------|--------|--------|
| All types | 143 | 1/ 233 | 288 | 311 | 249 |
| Residential | 103 | 192 | 2/ 219 | 3/ 230 | 3/ 178 |
| 2 units or fewer | 28 | 34 | 57 | 3/ 70 | 3/ 28 |
| 3 to 15 units | 42 | 72 | 33 | 3/ 37 | 3/ 33 |
| 16 to 50 units | 13 | 30 | 66 | 3/ 67 | 3/ 65 |
| More than 50 units | 20 | 56 | 2/ 63 | 3/ 52 | 3/ 47 |
| Commercial and other | 10 | 12 | 25 | 47 | 29 |
| Agricultural | 30 | 29 | 44 | 34 | 42 |

1/ Figures differ from those shown in the source publication. Revision was based on information from the Department of Commerce and Consumer Affairs's Real Estate Branch.

2/ Figures differ from those shown in the source publication for the "New Residential Projects - By Size" table. Revision was based on information from the Department of Commerce and Consumer Affairs's Real Estate Branch.

3/ The total residential figure reflects the total number of projects received which includes projects that were eventually withdrawn or returned. Subcategory figures, however, reflect the number of projects that had an issuance of the developer's public report.

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Real Estate Branch, *2007 Annual Report Real Estate Commission* <<http://hawaii.gov/dcca/areas/real/main/reports/>> accessed February 20, 2008 and records.

**Table 21.14-- HOUSING UNITS CONVERTED TO CONDOMINIUM UNITS:
2003 TO 2007**

[Fiscal year ending June 30. Previous *Data Book* tables containing this data were titled "Housing Units Converted From Rental Units to Condominium Units" and "Condominium Units". Data contained in this table reflects the number of housing units converted to condominium units. This conversion is not exclusively from rental units to condominium units, but includes all types of units that were converted to condominium units during the current fiscal year]

| Subject | 2003 | 2004 | 2005 | 2006 | 2007 |
|----------------|-------------|-------------|-------------|-------------|-------------|
| Projects | 92 | 116 | 135 | 164 | 157 |
| Units | 740 | 1,422 | 2,347 | 1,177 | 903 |

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Real Estate Branch, *2007 Annual Report Real Estate Commission* <<http://hawaii.gov/dcca/areas/real/main/reports/>> accessed February 20, 2008.

Table 21.15-- TIMESHARE PROPERTIES AND UNITS, BY ISLAND: 2007

| Subject | State total | Oahu | Hawaii | Kauai | Maui | Molokai |
|---------------------|--------------------|-------------|---------------|--------------|-------------|----------------|
| Properties 1/ | 87 | 13 | 18 | 23 | 32 | 1 |
| Registered units 2/ | 8,037 | 1,627 | 1,412 | 2,073 | 2,918 | 7 |
| Operated units 3/ | 7,997 | 1,627 | 1,412 | 2,035 | 2,916 | 7 |

1/ Includes any property which contains one or more timeshare units.

2/ Number of units which have been designated for sale as timeshare. They include units that are not yet available for sale, are currently available for sale, have already been sold, and are currently in use by visitors.

3/ Number of units which have been sold and are used by visitors.

Source: Hawaii State Department of Business, Economic Development & Tourism, *2007 Visitor Plant Inventory* <<http://hawaii.gov/dbedt/info/visitor-stats/visitor-plant/>> accessed June 10, 2008.

Table 21.16-- HOME EXEMPTIONS CLAIMED: 2002 TO 2007

| Tenure and county | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|--------------------------------|---------|---------|---------|---------|---------|---------|
| TOTAL OWNER-OCCUPIED 1/ | | | | | | |
| State total | 195,254 | 197,492 | 198,620 | 201,541 | 207,316 | 210,600 |
| Honolulu | 132,176 | 133,121 | 132,662 | 134,403 | 137,842 | 139,637 |
| Maui | 21,146 | 21,477 | 21,951 | 22,177 | 23,348 | 23,353 |
| Hawaii | 31,359 | 32,115 | 32,887 | 33,622 | 34,269 | 35,419 |
| Kauai | 10,573 | 10,779 | 11,120 | 11,339 | 11,857 | 12,191 |
| FEE SIMPLE | | | | | | |
| State total | 185,216 | 187,607 | 190,685 | 192,946 | 199,238 | 203,409 |
| Honolulu | 123,794 | 124,913 | 126,076 | 127,233 | 131,123 | 133,760 |
| Maui | 20,362 | 20,652 | 21,154 | 21,430 | 22,597 | 22,602 |
| Hawaii | 30,708 | 31,466 | 32,526 | 33,140 | 33,841 | 35,021 |
| Kauai | 10,352 | 10,576 | 10,929 | 11,143 | 11,677 | 12,026 |
| LEASEHOLD | | | | | | |
| State total | 10,038 | 9,885 | 7,935 | 8,595 | 8,078 | 7,191 |
| Honolulu | 8,382 | 8,208 | 6,586 | 7,170 | 6,719 | 5,877 |
| Maui | 784 | 825 | 797 | 747 | 751 | 751 |
| Hawaii | 651 | 649 | 361 | 482 | 428 | 398 |
| Kauai | 221 | 203 | 191 | 196 | 180 | 165 |

1/ "Owner-occupied" is the sum of the "fee simple" and "leasehold" home exemptions categories.

Source: City and County of Honolulu, Budget and Fiscal Services Department, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates & Exemptions, State of Hawaii*, "Number and Amount of Exemption by Type and County" (annual), latest annual report at <<http://www.co.honolulu.hi.us/rpa>> accessed January 4, 2008.

Table 21.17-- SELECTED HOUSING CHARACTERISTICS, BY COUNTY: 2000

[Data include some condominium units used or intended for use by transients]

| Subject | State total | City and County of Honolulu | Hawaii County | Kauai County | Maui County 1/ |
|--|-------------|-----------------------------|---------------|--------------|----------------|
| All housing units | 460,542 | 315,988 | 62,674 | 25,331 | 56,549 |
| Occupied housing units | 403,240 | 286,450 | 52,985 | 20,183 | 43,622 |
| Owner-occupied housing units | 227,888 | 156,290 | 34,175 | 12,384 | 25,039 |
| Renter-occupied housing units | 175,352 | 130,160 | 18,810 | 7,799 | 18,583 |
| Average household size | 2.92 | 2.95 | 2.75 | 2.87 | 2.91 |
| Owner-occupied housing units | 3.07 | 3.13 | 2.79 | 3.01 | 3.13 |
| Renter-occupied housing units | 2.71 | 2.74 | 2.69 | 2.63 | 2.61 |
| Vacant housing units | 57,302 | 29,538 | 9,689 | 5,148 | 12,927 |
| For rent | 15,699 | 12,203 | 1,556 | 504 | 1,436 |
| For sale only | 3,720 | 2,572 | 678 | 152 | 318 |
| Rented or sold, not occupied | 2,683 | 1,690 | 463 | 108 | 422 |
| For seasonal, recreational, or occasional use | 25,584 | 6,856 | 5,101 | 3,850 | 9,777 |
| For migrant workers | 57 | 17 | 21 | 14 | 5 |
| Other vacant | 9,559 | 6,200 | 1,870 | 520 | 969 |
| Homeowner vacancy rate (percent) | 1.6 | 1.6 | 1.9 | 1.2 | 1.3 |
| Rental vacancy rate (percent) | 8.2 | 8.6 | 7.6 | 6.1 | 7.2 |
| Owner-occupied: | | | | | |
| Family households | 178,918 | 124,021 | 25,634 | 9,765 | 19,498 |
| Married-couple family | 143,564 | 99,455 | 20,531 | 7,921 | 15,657 |
| Other family | 35,354 | 24,566 | 5,103 | 1,844 | 3,841 |
| Nonfamily households | 48,970 | 32,269 | 8,541 | 2,619 | 5,541 |
| Renter-occupied: | | | | | |
| Family households | 108,150 | 81,651 | 11,269 | 4,807 | 10,423 |
| Married-couple family | 72,513 | 56,740 | 6,297 | 2,960 | 6,516 |
| Other family | 35,637 | 24,911 | 4,972 | 1,847 | 3,907 |
| Nonfamily household | 67,202 | 48,509 | 7,541 | 2,992 | 8,160 |

1/ Maui County includes Kalawao County. Kalawao County had 172 housing units.

Source: U.S. Census Bureau, Census 2000 Summary File 1 Hawaii (July 25, 2001).

Table 21.18-- SUMMARY HOUSING CHARACTERISTICS, BY COUNTY: 2000

[Data include some condominium units used or intended for use by transients]

| Characteristic | State total | Hawaii County | City and County of Honolulu | Kauai County | Maui County 1/ |
|---|-------------|---------------|-----------------------------|--------------|----------------|
| All housing units | 460,542 | 62,674 | 315,988 | 25,331 | 56,549 |
| Percent-- | | | | | |
| Structure built 1990-2000 | 18.1 | 26.0 | 14.6 | 29.4 | 23.8 |
| Structure built before 1940 | 4.7 | 6.7 | 4.4 | 5.3 | 4.1 |
| Lacking complete plumbing | 1.0 | 2.7 | 0.6 | 0.9 | 1.0 |
| Lacking complete kitchen facilities | 1.4 | 3.0 | 1.2 | 1.6 | 1.1 |
| Percent with no telephone service 2/ | 2.0 | 3.3 | 1.7 | 2.2 | 2.4 |
| Median number of rooms | 4.3 | 4.6 | 4.3 | 4.6 | 3/ 4.0 |
| All occupied units | 403,240 | 52,985 | 286,450 | 20,183 | 43,622 |
| Percent householder moved into unit-- | | | | | |
| 1999 to March 2000 | 20.2 | 19.7 | 20.1 | 17.7 | 22.2 |
| Before 1980 | 22.6 | 20.1 | 23.8 | 21.7 | 17.8 |
| Percent of units with occupants per room of 1.51 or more | 7.8 | 5.7 | 8.2 | 5.4 | 8.2 |
| Specified owner-occupied units | 173,861 | 29,914 | 113,155 | 10,839 | 19,953 |
| Median value (dollars) | 272,700 | 153,700 | 309,000 | 216,100 | 249,900 |
| With a mortgage | 122,128 | 19,167 | 81,606 | 7,224 | 14,131 |
| Median monthly costs (dollars) | 1,571 | 1,133 | 1,653 | 1,375 | 1,572 |
| Monthly costs were 35 percent or more of household income | 38,510 | 5,970 | 24,904 | 2,435 | 5,201 |
| Not mortgaged | 51,733 | 10,747 | 31,549 | 3,615 | 5,822 |
| Median monthly costs (dollars) | 271 | 212 | 289 | 269 | 260 |
| Specified renter-occupied units | 174,458 | 18,382 | 129,907 | 7,735 | 18,434 |
| Median gross rent (dollars) | 779 | 645 | 802 | 739 | 3/ 788 |
| Rent was 35 percent or more of household income | 50,848 | 5,637 | 37,543 | 2,320 | 5,348 |

1/ Maui County includes Kalawao County. Kalawao County had 172 housing units.

2/ Telephone service not available in the unit from which calls could be made and received. This includes cellular telephones.

3/ Maui County, not including Kalawao County. Median number of rooms for Kalawao County was 2.0. Median gross rent for Kalawao County was \$525. No median available for combined area of Maui and Kalawao County.

Source: U.S. Census Bureau, Census 2000 Summary File 3 "Table DP-4. Profile of Selected Housing Characteristics: 2000" (May 2002) <<http://www.census.gov/Press-Release/www/2002/demoprofiles.html>> accessed June 19, 2002.

**Table 21.19--CHARACTERISTICS OF HOUSING UNITS AND HOUSEHOLDS,
FOR THE STATE, 2003 AND 2006, AND COUNTY, 2006**

| Subject | The State | | County, 2006 | | | |
|---|-----------|---------|---------------|--------|--------|--------|
| | 2003 | 2006 | Hono- lulu | Maui | Hawaii | Kauai |
| Total housing units | 477,333 | 501,956 | 332,196 | 63,364 | 77,577 | 28,819 |
| Home ownership rates | 56.6 | 60.9 | 59.0 | 60.2 | 69.1 | 66.1 |
| Type of housing | | | | | | |
| Single family homes | 52.7 | 54.2 | 48.4 | 61.5 | 67.9 | 67.6 |
| Condominium units | 26.2 | 26.0 | 28.5 | 32.2 | 12.3 | 20.2 |
| Total households | 410,794 | 435,818 | 303,149 | 49,484 | 61,213 | 21,971 |
| Household income (median dollars) | 1/ 46,086 | 53,571 | 54,545 | 52,500 | 48,125 | 53,261 |
| Average monthly mortgage (dollars) | 1,433 | 1,167 | 1,142 | 1,461 | 1,057 | 1,165 |
| Average monthly rent (dollars) | 992 | 1,274 | 1,300 | 1,256 | 1,146 | 1,230 |
| Overcrowded 2/ Monthly shelter payment as percentage of income 3/ | 1/ 10 | 8 | 8 | 8 | 7 | 7 |
| Under 30 percent | 1/ 54.7 | 54.2 | 54.8 | 49.1 | 54.9 | 57.6 |
| 30 to 40 percent | 1/ 18.5 | 11.3 | 10.9 | 14.3 | 11.1 | 10.8 |
| Over 40 percent | 1/ 17.5 | 22.7 | 22.0 | 27.1 | 22.0 | 21.6 |
| Not enough information | 1/ 9.5 | 11.8 | 12.0 | 9.4 | 12.0 | 10.0 |
| Household type (percent) | | | | | | |
| Single member household | 22.0 | 22.9 | 24.1 | 21.5 | 19.5 | 19.8 |
| Married, no children | 29.1 | 22.8 | 21.8 | 24.8 | 25.6 | 25.0 |
| Parent(s) and children | 1/ 22.3 | 21.6 | 20.9 | 24.0 | 22.6 | 23.3 |
| Unrelated roommates | 1/ 3.2 | 3.2 | 3.3 | 3.6 | 2.6 | 3.3 |
| Multiple families | 21.6 | 28.8 | 29.3 | 25.8 | 28.7 | 28.2 |
| Undetermined | 1.8 | 0.6 | 0.5 | 0.3 | 1.0 | 0.4 |

1/ Revised from previous *Data Book*.

2/ Percent with 1.01 or more persons per room.

3/ Includes both rent and mortgage payments.

Source: *Housing Policy Study, 2006*, prepared by SMS Research & Marketing Services, Inc. (February 2007) <<http://www.hawaii.gov/dbedt/hhfdc/files-pdf/StateMASTER--Final.pdf>> accessed April 13, 2007.

Table 21.20-- HOUSING UNIT ESTIMATES, BY COUNTY: 2000 TO 2006

| Subject and county | April 1, 2000 estimates base 1/ | July 1, 2000 | July 1, 2001 | July 1, 2002 | July 1, 2003 | July 1, 2004 | July 1, 2005 | July 1, 2006 |
|---------------------------------|---------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| HOUSING UNITS | | | | | | | | |
| State total | 460,542 | 461,693 | 466,300 | 470,792 | 476,379 | 482,873 | 491,071 | 500,036 |
| Hawaii County | 62,674 | 63,023 | 64,420 | 65,703 | 67,038 | 69,093 | 71,984 | 75,189 |
| Honolulu County | 315,988 | 316,461 | 318,356 | 320,256 | 322,845 | 325,775 | 329,300 | 332,726 |
| Kauai County | 25,331 | 25,395 | 25,651 | 25,988 | 26,551 | 27,054 | 27,447 | 28,321 |
| Maui County 2/ | 56,549 | 56,814 | 57,873 | 58,845 | 59,945 | 60,951 | 62,340 | 63,800 |
| PERCENT CHANGE | | | | | | | | |
| State total | (NA) | 3/ 0.2 | 1.0 | 1.0 | 1.2 | 1.4 | 1.7 | 1.8 |
| Hawaii County | (NA) | 3/ 0.6 | 2.2 | 2.0 | 2.0 | 3.1 | 4.2 | 4.5 |
| Honolulu County | (NA) | 3/ 0.1 | 0.6 | 0.6 | 0.8 | 0.9 | 1.1 | 1.0 |
| Kauai County | (NA) | 3/ 0.3 | 1.0 | 1.3 | 2.2 | 1.9 | 1.5 | 3.2 |
| Maui County 2/ | (NA) | 3/ 0.5 | 1.9 | 1.7 | 1.9 | 1.7 | 2.3 | 2.3 |
| SHARE OF STATE (PERCENT) | | | | | | | | |
| State total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Hawaii County | 13.6 | 13.7 | 13.8 | 14.0 | 14.1 | 14.3 | 14.7 | 15.0 |
| Honolulu County | 68.6 | 68.5 | 68.3 | 68.0 | 67.8 | 67.5 | 67.1 | 66.5 |
| Kauai County | 5.5 | 5.5 | 5.5 | 5.5 | 5.6 | 5.6 | 5.6 | 5.7 |
| Maui County 2/ | 12.3 | 12.3 | 12.4 | 12.5 | 12.6 | 12.6 | 12.7 | 12.8 |

NA Not available.

1/ The April 1, 2000 Housing Unit Estimates Base reflects modifications to the Census 2000 population as documented in the Count Question Resolution program, updates from the Boundary and Annexation Survey, and geographic program revisions. There were no changes for Hawaii between the Census 2000 Housing Unit Population and the April 1, 2000 Housing Unit Estimates Base.

2/ Maui County including Kalawao County.

3/ Percent change from April 1, 2000 to July 1, 2000.

Source: U.S. Census Bureau, Population Division "Annual Estimates of Housing Units for Counties in Hawaii: April 1, 2000 to July 1, 2006" Table HU-EST2006-04-16 (August 15, 2007) <<http://www.census.gov/popest/housing/tables/HU-EST2006-01.xls>> accessed November 29, 2007; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 21.21-- NUMBER OF HOUSING UNITS IN OAHU NEIGHBORHOODS:
2000 AND 2007**

| Neighborhood Area 1/ (see maps) | 2000 2/ | 2007 3/ | Percent change |
|---|---------|---------|-------------------|
| Oahu total | 315,988 | 336,408 | 6.5 |
| 1 Hawaii Kai | 10,175 | 11,620 | 14.2 |
| 2 Kuliouou-Kalani Iki | 5,677 | 5,885 | 3.7 |
| 3 Waialae-Kahala | 3,982 | 4,064 | 2.1 |
| 4 Kaimuki | 6,991 | 7,071 | 1.1 |
| 5 Diamond Head/Kapahulu/ St. Louis Heights | 8,252 | 8,320 | 0.8 |
| 6 Palolo | 4,279 | 4,367 | 2.1 |
| 7 Manoa | 7,616 | 7,695 | 1.0 |
| 8 McCully/Moiliili | 14,098 | 14,535 | 3.1 |
| 9 Waikiki | 18,370 | 18,711 | 1.9 |
| 10 Makiki/Lower Punchbowl/ Tantalus | 16,141 | 16,851 | 4.4 |
| 11 Ala Moana/Kakaako | 9,440 | 11,928 | 26.4 |
| 12 Nuuanu/Punchbowl | 6,759 | 6,889 | 1.9 |
| 13 Downtown | 7,341 | 8,116 | 10.6 |
| 14 Liliha/Kapalama | 6,974 | 7,061 | 1.2 |
| 15 Kalihi-Palama | 11,108 | 11,615 | 4.6 |
| 16 Kalihi Valley | 4,169 | 4,206 | 0.9 |
| 17 Moanalua | 3,462 | 3,473 | 0.3 |
| 18 Aliamanu/Salt Lake/ Foster Village | 12,927 | 12,952 | 0.2 |
| 19 Airport Area | 6,477 | 6,503 | 0.4 |
| 20 Aiea | 10,194 | 10,247 | 0.5 |
| 21 Pearl City | 15,040 | 15,130 | 0.6 |
| 22 Waipahu | 17,263 | 18,166 | 5.2 |
| 23 Ewa | 13,044 | 17,002 | 30.3 |
| 24 Waianae Coast | 12,141 | 12,954 | 6.7 |
| 25 Mililani/Waipio/Melemanu | 12,001 | 12,714 | 5.9 |
| 26 Wahiawa | 11,972 | 12,383 | 3.4 |
| 27 North Shore | 6,648 | 6,794 | 2.2 |
| 28 Koolauloa | 4,473 | 4,590 | 2.6 |
| 29 Kahaluu | 4,587 | 4,707 | 2.6 |
| 30 Kaneohe | 11,347 | 11,538 | 1.7 |
| 31 Kailua | 15,752 | 15,852 | 0.6 |
| 32 Waimanalo | 2,890 | 3,053 | 5.6 |
| 33 Mokapu | 2,388 | 2,388 | 0.0 |
| 34 Makakilo/Kapolei/ Honokai Hale | 7,968 | 10,703 | 34.3 |
| 35 Mililani Mauka-Launani Valley | 4,042 | 6,325 | 56.5 |

Continued on next page.

**Table 21.21-- NUMBER OF HOUSING UNITS IN OAHU NEIGHBORHOODS:
2000 AND 2007 -- Con.**

1/ Data in this table pertain to neighborhood areas whose boundaries are very close but do not match exactly to the Neighborhood Board boundaries. Neighborhood Board numbers are displayed next to the Neighborhood Board names.

2/ Year 2000 census data aggregated by traffic zone data. This may differ from data aggregated by census blocks which are shown in Table 21.21.

3/ Estimated housing units based on traffic zones.

Source: City and County of Honolulu Planning and Permitting Department, Planning Division, records.

**Table 21.22-- HOUSING CHARACTERISTICS OF OAHU
NEIGHBORHOODS: 2000**

| Neighborhood Area 1/ (see maps) | Total housing units 2/ | Occupied | | Home- ownership rate | Vacancy rate (%) | |
|---|------------------------------|----------|---------|----------------------------|------------------|--------|
| | | Owner | Renter | | Home- owner | Rental |
| Oahu total | 315,988 | 156,290 | 130,160 | 54.6 | 1.6 | 8.6 |
| 1 Hawaii Kai | 10,175 | 7,669 | 1,997 | 79.3 | 1.0 | 3.7 |
| 2 Kuliouou-Kalani Iki | 5,733 | 4,540 | 926 | 83.1 | 1.0 | 2.2 |
| 3 Waialae-Kahala | 3,926 | 2,729 | 809 | 77.1 | 1.2 | 5.8 |
| 4 Kaimuki | 6,632 | 4,193 | 2,169 | 65.9 | 0.8 | 4.7 |
| 5 Diamond Head/Kapahulu/ St. Louis Heights | 8,809 | 4,162 | 3,696 | 53.0 | 3.2 | 8.4 |
| 6 Palolo | 4,347 | 2,318 | 1,823 | 56.0 | 1.0 | 6.1 |
| 7 Manoa | 7,420 | 4,224 | 2,827 | 59.9 | 0.8 | 6.3 |
| 8 McCully/Moiliili | 14,098 | 3,596 | 9,074 | 28.4 | 1.5 | 9.2 |
| 9 Waikiki | 18,370 | 3,819 | 7,578 | 33.5 | 3.0 | 30.3 |
| 10 Makiki/Lower Punchbowl/Tantalus | 16,122 | 5,717 | 9,050 | 38.7 | 2.1 | 7.8 |
| 11 Ala Moana/Kakaako | 9,440 | 2,475 | 5,322 | 31.7 | 8.4 | 8.1 |
| 12 Nuuanu/Punchbowl | 6,830 | 3,756 | 2,655 | 58.6 | 0.6 | 7.1 |
| 13 Downtown | 7,341 | 1,554 | 5,263 | 22.8 | 4.6 | 5.8 |
| 14 Liliha/Kapalama | 6,852 | 3,669 | 2,826 | 56.5 | 1.0 | 6.1 |
| 15 Kalihi-Palama | 11,108 | 2,945 | 7,313 | 28.7 | 1.1 | 7.2 |
| 16 Kalihi Valley | 4,169 | 2,363 | 1,578 | 60.0 | 0.8 | 6.0 |
| 17 Moanalua | 3,462 | 1,615 | 1,604 | 50.2 | 0.6 | 3.0 |
| 18 Aliamanu/Salt Lake/ Foster Village | 12,927 | 5,687 | 6,045 | 48.5 | 1.3 | 10.1 |
| 19 Airport | 5,627 | 87 | 4,914 | 1.7 | 7.4 | 0.6 |
| 20 Aiea | 11,044 | 6,188 | 4,392 | 58.5 | 0.9 | 5.5 |
| 21 Pearl City | 14,440 | 9,980 | 4,030 | 71.2 | 0.7 | 4.0 |
| 22 Waipahu | 18,453 | 11,216 | 6,257 | 64.2 | 1.9 | 7.1 |
| 23 Ewa | 12,895 | 8,020 | 3,690 | 68.5 | 2.7 | 6.0 |
| 24 Waianae Coast | 12,357 | 6,094 | 4,442 | 57.8 | 2.9 | 16.7 |
| 25 Mililani/Waipio/Melemanu | 11,261 | 7,889 | 2,972 | 72.6 | 1.0 | 5.7 |
| 26 Wahiawa | 12,115 | 3,350 | 7,253 | 31.6 | 2.6 | 5.4 |
| 27 North Shore | 6,648 | 2,595 | 3,298 | 44.0 | 1.1 | 5.7 |
| 28 Koolauloa | 4,473 | 1,801 | 1,881 | 48.9 | 2.0 | 9.9 |
| 29 Kahaluu | 4,587 | 3,072 | 1,312 | 70.1 | 0.7 | 4.7 |
| 30 Kaneohe | 13,351 | 9,030 | 3,770 | 70.5 | 0.8 | 5.3 |
| 31 Kailua | 14,063 | 9,597 | 3,887 | 71.2 | 0.7 | 4.0 |
| 32 Waimanalo | 2,575 | 1,670 | 772 | 68.4 | 0.9 | 3.1 |
| 33 Mokapu | 2,388 | 29 | 2,303 | 1.2 | 0.0 | 2.1 |

Continued on next page.

**Table 21.22-- HOUSING CHARACTERISTICS OF
OAHU NEIGHBORHOODS: 2000 -- Con.**

| Neighborhood Area 1/ (see maps) | Total housing units 2/ | Occupied | | Home- ownership rate | Vacancy rate (%) | |
|--------------------------------------|------------------------------|----------|--------|----------------------------|------------------|--------|
| | | Owner | Renter | | Home- owner | Rental |
| 34 Makakilo/Kapolei/ Honokai Hale | 7,908 | 5,236 | 1,985 | 72.5 | 2.7 | 5.6 |
| 35 Mililani Mauka-Launani Valley | 4,042 | 3,405 | 447 | 88.4 | 2.2 | 9.7 |

1/ Data in this table pertain to neighborhood areas whose boundaries are very close but do not match exactly to the Neighborhood Board boundaries. Neighborhood Board numbers are displayed next to the Neighborhood Board names.

2/ Year 2000 census data aggregated by census blocks. This may differ from data aggregated by traffic zones which are shown in Table 21.20.

Source: City and County of Honolulu Planning and Permitting Department, Planning Division, Community Profiles for Neighborhood Areas

<<http://honoluludpp.org/planning/demographics2/2000/NA/general.pdf>> accessed July 3, 2007.

**Table 21.23-- VACANCY AND HOMEOWNERSHIP RATES, FOR THE STATE
AND HONOLULU MSA: 1994 TO 2007**

| Year | Rental vacancy rate 1/ | | Homeowner vacancy rate 1/ | | Homeownership rate 1/ | |
|-------------------|------------------------|-----------------|---------------------------|-----------------|-----------------------|-----------------|
| | State total | Honolulu MSA 2/ | State total | Honolulu MSA 2/ | State total | Honolulu MSA 2/ |
| 1994 | 7.4 | 5.0 | 2.0 | 1.4 | 52.3 | 51.5 |
| 1995 | 6.3 | 5.4 | 2.0 | 1.8 | 50.2 | 49.1 |
| 1996 | 6.0 | 4.7 | 1.4 | 1.3 | 50.6 | 49.1 |
| 1997 | 7.1 | 6.4 | 1.6 | 1.3 | 50.2 | 48.5 |
| 1998 | 6.9 | 6.3 | 1.3 | 0.9 | 52.8 | 51.2 |
| 1999 | 7.6 | 7.6 | 1.8 | 1.2 | 56.6 | 56.0 |
| 2000 | 5.3 | 4.9 | 0.9 | 0.7 | 55.2 | 56.8 |
| 2001 | 8.2 | 8.0 | 0.8 | 0.6 | 55.5 | 55.4 |
| 2002 3/ | 7.3 | 5.5 | 0.9 | 1.0 | 57.9 | 57.0 |
| 2003 | 8.9 | 7.0 | 1.2 | 0.9 | 58.3 | 56.9 |
| 2004 | 7.7 | 5.8 | 1.3 | 1.1 | 60.6 | 59.4 |
| 2005 | 5.1 | 3.9 | 0.6 | 0.6 | 59.8 | 58.0 |
| 2006 | 5.5 | 3.9 | 1.0 | 0.8 | 59.9 | 58.4 |
| 2007 | 6.3 | 5.1 | 1.7 | 1.2 | 60.1 | 58.8 |
| Standard error 4/ | 1.2 | 1.2 | 0.5 | 0.5 | 2.0 | 2.0 |

1/ In 2007, the rental vacancy rate for the entire U.S. was 9.7 and the rental vacancy rate for all U.S. inside metropolitan areas was 9.8; the homeowner vacancy rate for the entire U.S. was 2.7 and the homeowner vacancy rate for all U.S. inside metropolitan areas was 2.8; and the homeownership rate for the entire U.S. was 68.1 and the homeownership rate for all U.S. inside metropolitan areas was 66.8.

2/ The Honolulu Metropolitan Statistical Area (MSA) consists of the City and County of Honolulu. The metropolitan data for 1994 are based on 1980 metropolitan/nonmetropolitan definitions; 1995 to 2004 data are based on 1990 metropolitan/nonmetropolitan definitions; and 2005 and later data are based on 2000 metropolitan/nonmetropolitan definitions.

3/ Revised dataset.

4/ 90-percent confidence interval of standard errors.

Source: U.S. Census Bureau, "Housing Vacancies and Homeownership Annual Statistics: 2007"
<<http://www.census.gov/hhes/www/housing/hvs/annual07/ann07ind.html>> accessed March 5, 2008.

Table 21.24-- BUILDING VACANCY RATES FOR COMPETITIVE OFFICE SPACE FOR THE METROPOLITAN HONOLULU OFFICE MARKET, BY SUBMARKET: 1999 TO 2007

[The Metropolitan Honolulu Office Market survey for 2006 includes 104 multi-tenant Class A and Class B buildings with 20,000 square feet or more. Rates are percent of space reported vacant in survey]

| Vacancy rate 1/ | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Downtown 2/ | 14.1 | 12.2 | 13.5 | 13.5 | 13.0 | 11.6 | 9.8 | 7.3 | 10.1 |
| Suburban 3/ | 13.7 | 14.1 | 13.7 | 14.8 | 11.6 | 10.7 | 8.4 | 7.9 | 7.2 |

1/ The vacancy rates are for Class A and Class B buildings which were included in the survey. Class A buildings are those in excellent locations which have high-quality tenants, high-quality finish, are well-maintained, are professionally managed, and are usually new, or old buildings that are competitive with new buildings. Class B buildings are those in good locations that are professionally managed and have fairly high-quality construction and tenancy. Class B buildings generally show very little functional obsolescence and deterioration.

2/ Downtown is comprised of the Central Business District Submarket. Buildings surveyed in Downtown are 40,000 square feet and above.

3/ Suburban is comprised of eight submarkets: Kapiolani Corridor (Ala Moana, Kakaako, Kapiolani); Waikiki; East Oahu (Hawaii Kai to Kahala); East Central Oahu (Kaimuku to Kalihi); West Central Oahu (Mapunapuna to Pearl City); Leeward (Pearl City to Waipahu); West Oahu (Waipahu to Kapolei); and Windward (Kailua to Kaneohe). Buildings surveyed in the suburban market are 20,000 square feet and above.

Source: CB Richard Ellis, Inc. Hawaii, records.

**Table 21.25-- STATE GOVERNMENT CAPITAL IMPROVEMENT
PROJECT EXPENDITURES: 1990 TO 2007**

[In thousands of dollars]

| Year | Total expenditures | General obligation bond 1/ | Revenue bond 2/ | General fund (cash) | Special fund | Federal funds 3/ |
|-------------|---------------------------|-----------------------------------|------------------------|----------------------------|---------------------|-------------------------|
| 1990 | 995,163 | 248,379 | 368,502 | 133,529 | 79,998 | 164,755 |
| 1991 | 1,027,189 | 210,022 | 326,414 | 121,108 | 164,915 | 204,730 |
| 1992 | 1,323,450 | 331,720 | 512,432 | 138,867 | 124,605 | 215,826 |
| 1993 | 1,188,315 | 472,515 | 225,431 | 89,917 | 147,351 | 253,101 |
| 1994 | 1,214,487 | 492,048 | 327,980 | 56,662 | 135,440 | 202,357 |
| 1995 | 822,327 | 342,423 | 77,560 | 19,672 | 169,901 | 212,772 |
| 1996 | 720,580 | 286,472 | 66,625 | 6,719 | 165,426 | 195,338 |
| 1997 | 898,496 | 345,440 | 220,496 | 3,181 | 163,130 | 166,249 |
| 1998 | 818,181 | 329,218 | 199,294 | 1,963 | 192,397 | 95,309 |
| 1999 | 627,360 | 293,229 | 35,735 | 348 | 212,446 | 85,602 |
| 2000 | 612,559 | 295,988 | 34,114 | 305 | 179,336 | 102,817 |
| 2001 | 611,167 | 328,885 | 44,123 | 331 | 114,234 | 123,594 |
| 2002 | 654,804 | 387,088 | 45,962 | 133 | 123,084 | 98,538 |
| 2003 | 847,667 | 416,975 | 197,475 | 4/ 1 | 119,653 | 113,563 |
| 2004 | 400,707 | 236,176 | -67,498 | 38 | 92,046 | 139,944 |
| 2005 | 4/ 765,953 | 337,222 | 98,672 | -973 | 173,610 | 157,422 |
| 2006 | 652,664 | 349,222 | 48,946 | 1,873 | 157,239 | 95,384 |
| 2007 | 1,474,939 | 545,559 | 439,468 | 33,812 | 247,366 | 208,734 |

1/ Consists of general obligation bonds and reimbursable general obligation bonds.

2/ Consists of revenue bonds and special purpose revenue bonds.

3/ Includes special federal aid: interstate, primary, secondary; and federal funds.

4/ Revised from previous *Data Book*.

Source: Hawaii State Department of Accounting and General Services, records and calculations by the Hawaii State Department of Business, Economic Development & Tourism as cited in DBEDT's

Quarterly Statistical and Economic Report - 1st Quarter (annual),

<http://www.hawaii.gov/dbedt/info/economic/data_reports/info/economic/data_reports/qser/> accessed March 4, 2008.

**Table 21.26-- HOUSING AND COMMUNITY DEVELOPMENT
CORPORATION OF HAWAII PUBLIC HOUSING
OPERATIONS: 2003 TO 2005**

[Fiscal year ending June 30]

| Subject | 2003 | 2004 | 2005 |
|---|-----------------|-----------------|----------------|
| Total units owned by the Housing and Community Development Corporation of Hawaii (HCDCH) on June 30 1/ Occupied | 6,262 5,427 | 6,262 5,402 | 6,262 4,670 |
| Population in units on June 30 Per occupied unit | 14,447 2.66 | 14,468 2.68 | 13,385 2.87 |
| Operating revenues of HCDCH 2/ Gross (\$1,000) Net (\$1,000) | 24,867 2,657 | 24,222 1,857 | 24,803 958 |
| Operating revenues per unit per month (dollars) 2/ | 384 | 374 | 383 |
| Rent charged per unit per month (dollars) 2/ | 198 | 209 | 203 |

1/ Federal low-rent, 5,398; State low-rent, 288; State elderly, 576.

2/ Federal projects only; revenue amounts include Federal subsidies.

Source: Hawaii State Department of Business, Economic Development & Tourism, Housing and Community Development Corporation of Hawaii, records and Hawaii State Department of Human Services, Housing and Community Development Corporation of Hawaii, records.

**Table 21.27-- CHARACTERISTICS OF THE REAL ESTATE
SUBSECTOR (NAICS 531): 2002**

[Includes establishments with payroll and subject to federal income tax. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| NAICS code | Kind of business | Estab-lish-ments | Revenue (\$1,000) | Annual payroll (\$1,000) | Paid employ-ees 1/ |
|------------|--|------------------|-------------------|--------------------------|--------------------|
| 531 | Total | 1,526 | 1,657,773 | 333,457 | 10,228 |
| 5311 | Lessors of real estate | 633 | 688,789 | 86,150 | 2,582 |
| 53111 | Lessors of residential buildings & dwellings | 327 | 146,844 | 22,725 | 1,063 |
| 531110 | Lessors of residential bldgs & dwellings | 327 | 146,844 | 22,725 | 1,063 |
| 5311101 | Lessors of apartment buildings | 261 | 126,459 | 18,602 | 900 |
| 5311109 | Lessors of dwell other than apt bldgs | 66 | 20,385 | 4,123 | 163 |
| 53112 | Lessors of nonresidential buildings 2/ | 248 | 409,327 | 48,633 | 1,133 |
| 531120 | Lessors of nonresidential buildings 2/ | 248 | 409,327 | 48,633 | 1,133 |
| 5311201 | Lessors of professional & other office | 111 | 166,767 | 20,134 | 502 |
| 5311202 | Lessors of manufacture & industrial | 34 | 55,839 | 5,307 | 137 |
| 5311203 | Lessors of shopping ctr & retail stores | 80 | 149,171 | 18,599 | 393 |
| 5311209 | Lessors of other nonres bldgs/facilities | 23 | 37,550 | 4,593 | 101 |
| 53113 | Lessors of miniwarehouse & self-store units | 31 | 26,744 | 3,429 | 188 |
| 53119 | Lessors of other real estate property | 27 | 105,874 | 11,363 | 198 |
| 5312 | Offices of real estate agents and brokers | 448 | 555,125 | 105,177 | 3,509 |
| 53121 | Offices of real estate agents and brokers | 448 | 555,125 | 105,177 | 3,509 |
| 531210 | Offices of real estate agents and brokers | 448 | 555,125 | 105,177 | 3,509 |
| 5312101 | Offices of residential real estate agents and brokers | 382 | 503,520 | 91,612 | 3,204 |
| 5312109 | Offices of nonresidential real estate agents and brokers | 66 | 51,605 | 13,565 | 305 |
| 5313 | Activities related to real estate | 445 | 413,859 | 142,130 | 4,137 |
| 53131 | Real estate property managers | 269 | 328,014 | 106,052 | 3,342 |
| 531311 | Residential property managers | 185 | 133,687 | 59,834 | 2,009 |
| 531312 | Nonresidential property managers | 84 | 194,327 | 46,218 | 1,333 |
| 53132 | Office of real estate appraisers | 66 | 24,575 | 10,317 | 232 |
| 53139 | Other activities related to real estate | 110 | 61,270 | 25,761 | 563 |

1/ Pay period including March 12.

2/ Except miniwarehouses.

Source: U.S. Census Bureau, *2002 Economic Census, Real Estate and Rental and Leasing, Geographic Area Series, Hawaii*, EC02-53A-HI (December 2004), table 1

<<http://www.census.gov/prod/ec02/ec0253ahi.pdf>> accessed January 3, 2005.

**Table 21.28-- CHARACTERISTICS OF THE REAL ESTATE SUBSECTOR
(NAICS 531), BY COUNTY AND SELECTED ISLAND AND
CENSUS DESIGNATED PLACE: 2002**

[Includes establishments with payroll and subject to federal income tax. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| Geographic area | Establishments (number) | Revenue (\$1,000) | Annual payroll (\$1,000) | Paid employees, pay period including March 12 |
|------------------------|------------------------------------|------------------------------|-------------------------------------|--|
| State total | 1,526 | 1,657,773 | 333,457 | 10,228 |
| Hawaii County | 184 | 185,252 | 44,299 | 1,220 |
| Hilo | 61 | 27,498 | 5,170 | 204 |
| Holualoa | 9 | (D) | (D) | (1/) |
| Kailua | 42 | 38,855 | 14,697 | 426 |
| Kalaoa | 4 | (D) | (D) | (1/) |
| Waikoloa Village | 6 | (D) | (D) | (1/) |
| Honolulu County | 1,041 | 1,186,815 | 232,283 | 7,070 |
| Aiea | 7 | 3,290 | 419 | 16 |
| Halawa | 13 | (D) | (D) | (2/) |
| Heeiea | 4 | 97 | 20 | 5 |
| Honolulu | 837 | 1,002,430 | 198,584 | 5,997 |
| Kailua | 24 | 12,145 | 2,230 | 58 |
| Kaneohe | 14 | 4,565 | 504 | 29 |
| Mililani Town | 11 | (D) | (D) | (2/) |
| Pearl City | 5 | 675 | 147 | 7 |
| Wahiawa | 11 | 2,601 | 458 | 21 |
| Waianae | 7 | 1,919 | 252 | 11 |
| Waimalu | 34 | 22,279 | 6,422 | 221 |
| Waipahu | 17 | 9,106 | 1,076 | 51 |
| Waipio | 7 | (D) | (D) | (2/) |
| Kauai County | 113 | 103,413 | 25,411 | 931 |
| Kalaheo | 5 | (D) | (D) | (1/) |
| Kapaa | 13 | 8,017 | 1,361 | 32 |
| Lihue | 22 | 10,197 | 2,204 | 78 |
| Wailua Homesteads | 6 | (D) | (D) | (1/) |
| Waimea | 9 | 4,714 | 684 | 19 |

Continued on next page.

**Table 21.28-- CHARACTERISTICS OF THE REAL ESTATE SUBSECTOR
(NAICS 531), BY COUNTY AND SELECTED ISLAND AND
CENSUS DESIGNATED PLACE: 2002 -- Con.**

| Geographic area | Establish- ments (number) | Revenue (\$1,000) | Annual payroll (\$1,000) | Paid employees, pay period including March 12 |
|---|--|------------------------------|-------------------------------------|--|
| Maui County | 188 | 182,293 | 31,464 | 1,007 |
| Haiku-Pauwela | 3 | (D) | (D) | (1/) |
| Kahului | 13 | 62,334 | 7,273 | 171 |
| Kaunakakai | 2 | (D) | (D) | (1/) |
| Kihei | 47 | 31,848 | 4,952 | 163 |
| Lahaina | 28 | 24,154 | 4,666 | 121 |
| Makawao | 11 | 4,807 | 991 | 23 |
| Napili-Honokowai | 15 | (D) | (D) | (2/) |
| Pukalani | 4 | (D) | (D) | (1/) |
| Wailea-Makena | 11 | 8,749 | 1,199 | 95 |
| Wailuku | 30 | 15,768 | 3,494 | 112 |
| Island of Lanai | 1 | (D) | (D) | (1/) |
| Island of Molokai (excluding Kaunakakai CDP) | (NA) | (NA) | (NA) | (NA) |

D Withheld to avoid disclosing data for individual companies.

NA Not available.

1/ 0 to 19 employees.

2/ 20 to 99 employees.

Source: U.S. Census Bureau, *2002 Economic Census, Real Estate and Rental and Leasing, Geographic Area Series, Hawaii*, EC02-53A-HI (December 2004)

<<http://www.census.gov/prod/ec02/ec0253ahi.pdf>> accessed January 3, 2005.

**Table 21.29-- REAL ESTATE LICENSES, ACTIVE AND INACTIVE, BY TYPE
OF LICENSE AND LOCATION: APRIL 15, 2008**

[Real estate licenses are subject to renewal on or before December 31 of each even-numbered year]

| Type of license | Active | Inactive | Location 1/ | Active | Inactive |
|---|--------|----------|---------------|--------|----------|
| Total | 14,840 | 6,497 | Oahu | 9,020 | 3,452 |
| | | | Hawaii | 2,113 | 725 |
| Broker | 5,651 | 674 | Maui | 2,384 | 942 |
| Individual | 3,091 | 588 | Kauai | 1,057 | 476 |
| Sole owner | 1,141 | - | Molokai | 48 | 3 |
| Corporation or partnership | 938 | 64 | Lanai | 12 | 6 |
| Limited liability corporation/ limited liability partnership | 481 | 22 | U.S. mainland | 203 | 865 |
| | | | Foreign | 3 | 27 |
| Salesman | 9,189 | 5,823 | Unknown | - | 1 |

1/ Based on address of licensee.

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Geographic Report (Current Licenses) as of April 15, 2008
<<http://www.hawaii.gov/dcca/areas/pvl/>> accessed May 8, 2008.

**Table 21.30-- MULTIPLE LISTING SERVICE LISTINGS AND SALES, FOR
OAHU: 1997 TO 2007**

[Data include single family, condominium/cooperative, vacant, multi-family,
commercial/industrial, business opportunities]

| Year | Number listed | Number sold | Percent sold | Mean sales price (dollars) |
|-------------|----------------------|--------------------|---------------------|-----------------------------------|
| 1997 | 11,868 | 4,313 | 36.3 | 281,785 |
| 1998 | 11,721 | 5,351 | 45.7 | 269,839 |
| 1999 | 11,173 | 6,381 | 57.1 | 265,009 |
| 2000 | 11,797 | 7,404 | 62.8 | 278,814 |
| 2001 | 12,339 | 7,953 | 64.5 | 265,047 |
| 2002 | 13,967 | 9,695 | 69.4 | 286,594 |
| 2003 | 15,464 | 11,831 | 76.5 | 319,964 |
| 2004 | 17,817 | 13,110 | 73.6 | 388,954 |
| 2005 | 19,268 | 13,181 | 68.4 | 492,835 |
| 2006 | 18,905 | 10,823 | 57.2 | 545,137 |
| 2007 | 17,030 | 9,484 | 55.7 | 557,943 |

Source: Honolulu Board of Realtors, Multiple Listing Service records.

Table 21.31-- MULTIPLE LISTING SERVICE LISTINGS AND SALES, BY TYPE OF PROPERTY, FOR OAHU: 2005 TO 2007

| Year and type of property | Number listed | Number sold | Percent sold | Sales price (dollars) | |
|---------------------------|---------------|-------------|--------------|-----------------------|-----------|
| | | | | Median | Mean |
| 2005 | | | | | |
| Total | 19,268 | 13,181 | 68.4 | (NA) | 492,835 |
| Single family | 7,220 | 4,617 | 63.9 | 590,000 | 744,174 |
| Condominium/cooperative | 10,506 | 7,990 | 76.1 | 269,000 | 320,003 |
| Vacant land | 765 | 329 | 43.0 | 335,000 | 609,043 |
| Multi-family | 393 | 147 | 37.4 | 901,200 | 1,202,699 |
| Commercial/industrial | 199 | 70 | 35.2 | 611,000 | 1,754,255 |
| Business opportunities | 185 | 28 | 15.1 | 74,000 | 121,733 |
| 2006 | | | | | |
| Total | 18,905 | 10,823 | 57.2 | (NA) | 545,137 |
| Single family | 7,233 | 4,041 | 55.9 | 630,000 | 778,393 |
| Condominium/cooperative | 10,220 | 6,380 | 62.4 | 310,000 | 363,639 |
| Vacant land | 675 | 183 | 27.1 | 425,000 | 871,329 |
| Multi-family | 389 | 126 | 32.4 | 996,500 | 1,284,297 |
| Commercial/industrial | 178 | 63 | 35.4 | 750,000 | 1,738,133 |
| Business opportunities | 210 | 30 | 14.3 | 62,500 | 124,723 |
| 2007 | | | | | |
| Total | 17,030 | 9,484 | 55.7 | (NA) | 557,943 |
| Single family | 6,640 | 3,627 | 54.6 | 643,500 | 794,183 |
| Condominium/cooperative | 9,084 | 5,499 | 60.5 | 325,000 | 381,263 |
| Vacant land | 606 | 161 | 26.6 | 398,000 | 617,159 |
| Multi-family | 329 | 108 | 32.8 | 992,500 | 1,179,933 |
| Commercial/industrial | 151 | 51 | 33.8 | 870,000 | 1,599,067 |
| Business opportunities | 220 | 38 | 17.3 | 114,000 | 160,842 |

NA Not available.

Source: Honolulu Board of Realtors, Multiple Listing Service records.

**Table 21.32-- MULTIPLE LISTING SERVICE SINGLE FAMILY HOUSES SOLD,
BY SELLING PRICE RANGE, FOR OAHU: 2005 TO 2007**

| Selling price range | 2005 | 2006 | 2007 |
|----------------------------|-------------|-------------|-------------|
| All properties | 4,617 | 4,041 | 3,627 |
| On leased land | 64 | 37 | 48 |
| Percent | 1.4 | 0.9 | 1.3 |
| Less than \$100,000 | 4 | 4 | 1 |
| \$100,000 to \$149,999 | 19 | 6 | 5 |
| \$150,000 to \$199,999 | 30 | 29 | 17 |
| \$200,000 to \$249,999 | 62 | 22 | 18 |
| \$250,000 to \$299,999 | 82 | 45 | 26 |
| \$300,000 to \$349,999 | 169 | 68 | 63 |
| \$350,000 to \$399,999 | 302 | 128 | 139 |
| \$400,000 to \$449,999 | 364 | 205 | 191 |
| \$450,000 to \$499,999 | 428 | 318 | 278 |
| \$500,000 to \$549,999 | 468 | 465 | 396 |
| \$550,000 to \$599,999 | 458 | 473 | 389 |
| \$600,000 to \$649,999 | 333 | 359 | 327 |
| \$650,000 to \$699,999 | 314 | 352 | 304 |
| \$700,000 to \$799,999 | 460 | 463 | 460 |
| \$800,000 to \$899,999 | 275 | 359 | 268 |
| \$900,000 to \$999,999 | 206 | 192 | 183 |
| \$1.0 to \$1.9 million | 495 | 431 | 443 |
| \$2.0 to \$2.9 million | 85 | 68 | 63 |
| \$3.0 to \$3.9 million | 40 | 25 | 29 |
| \$4.0 to \$4.9 million | 8 | 10 | 12 |
| \$5.0 million or more | 15 | 19 | 15 |
| Median value (dollars) | 590,000 | 630,000 | 643,500 |
| Mean value (dollars) | 744,174 | 778,393 | 794,183 |

Source: Honolulu Board of Realtors, Multiple Listing Service records.

**Table 21.33-- MULTIPLE LISTING SERVICE CONDOMINIUM AND
COOPERATIVE UNITS SOLD, BY SELLING PRICE
RANGE, FOR OAHU: 2005 TO 2007**

| Selling price range | 2005 | 2006 | 2007 | | |
|------------------------|---------|---------|---------|------------|-----------|
| | | | Total | Fee simple | Leasehold |
| All properties | 7,990 | 6,380 | 5,499 | 4,741 | 758 |
| Less than \$50,000 | 31 | 20 | 21 | 4 | 17 |
| \$50,000 to \$74,999 | 59 | 16 | 11 | - | 11 |
| \$75,000 to \$99,999 | 150 | 57 | 28 | 1 | 27 |
| \$100,000 to \$124,999 | 258 | 66 | 77 | 24 | 53 |
| \$125,000 to \$149,999 | 436 | 139 | 96 | 51 | 45 |
| \$150,000 to \$174,999 | 581 | 279 | 177 | 118 | 59 |
| \$175,000 to \$199,999 | 671 | 399 | 268 | 195 | 73 |
| \$200,000 to \$224,999 | 595 | 388 | 257 | 211 | 46 |
| \$225,000 to \$249,999 | 672 | 413 | 380 | 323 | 57 |
| \$250,000 to \$274,999 | 683 | 488 | 419 | 333 | 86 |
| \$275,000 to \$299,999 | 624 | 647 | 571 | 516 | 55 |
| \$300,000 to \$349,999 | 909 | 1,026 | 804 | 716 | 88 |
| \$350,000 to \$399,999 | 641 | 695 | 643 | 586 | 57 |
| \$400,000 to \$449,999 | 443 | 490 | 450 | 421 | 29 |
| \$450,000 to \$499,999 | 316 | 327 | 345 | 330 | 15 |
| \$500,000 to \$599,999 | 348 | 367 | 410 | 388 | 22 |
| \$600,000 to \$699,999 | 205 | 225 | 178 | 173 | 5 |
| \$700,000 to \$799,999 | 116 | 116 | 137 | 132 | 5 |
| \$800,000 to \$899,999 | 86 | 61 | 78 | 75 | 3 |
| \$900,000 to \$999,999 | 38 | 42 | 47 | 45 | 2 |
| \$1,000,000 or more | 128 | 119 | 102 | 99 | 3 |
| Median value (dollars) | 269,000 | 310,000 | 325,000 | 340,000 | 245,000 |
| Mean value (dollars) | 320,003 | 363,639 | 381,263 | 401,028 | 257,639 |

Source: Honolulu Board of Realtors, Multiple Listing Service records.

Table 21.34-- MULTIPLE LISTING SERVICE, NUMBER OF SINGLE FAMILY AND CONDOMINIUM SALES, BY COUNTY: 1995 TO 2007

[Data reported in previous *Data Books* were county level data]

| Category and year | State total | Oahu 1/ | Hawaii | Kauai | Maui |
|----------------------|-------------|----------|----------|--------|----------|
| SINGLE FAMILY | | | | | |
| 1995 | 3,010 | 1,637 | 846 | 154 | 373 |
| 1996 | 3,298 | 1,733 | 917 | 184 | 464 |
| 1997 | 3,775 | 2,039 | 958 | 214 | 564 |
| 1998 | 4,698 | 2,495 | 1,176 | 336 | 691 |
| 1999 | 5,741 | 2,858 | 1,447 | 433 | 1,003 |
| 2000 | 6,226 | 3,153 | 1,549 | 515 | 1,009 |
| 2001 | 6,556 | 3,413 | 1,660 | 454 | 1,029 |
| 2002 | 2/ 7,380 | 3,885 | 2/ 1,932 | 2/ 538 | 1,025 |
| 2003 | 2/ 8,891 | 4,477 | 2/ 2,310 | 2/ 676 | 1,428 |
| 2004 | 2/ 9,405 | 4,759 | 2/ 2,692 | 2/ 698 | 1,256 |
| 2005 | 2/ 9,464 | 4,679 | 2/ 2,757 | 2/ 671 | 2/ 1,357 |
| 2006 | 2/ 7,580 | 2/ 3,941 | 2/ 2,084 | 2/ 477 | 2/ 1,078 |
| 2007 | 6,803 | 3,573 | 1,683 | 408 | 1,139 |
| CONDOMINIUM | | | | | |
| 1995 | 3,203 | 2,239 | 290 | 102 | 572 |
| 1996 | 2/ 3,085 | 2/ 1,952 | 408 | 134 | 2/ 591 |
| 1997 | 2/ 3,524 | 2/ 2,079 | 448 | 145 | 2/ 852 |
| 1998 | 2/ 4,480 | 2/ 2,651 | 502 | 270 | 1,057 |
| 1999 | 2/ 5,694 | 2/ 3,290 | 577 | 402 | 1,425 |
| 2000 | 2/ 6,577 | 2/ 3,900 | 659 | 419 | 1,599 |
| 2001 | 2/ 6,559 | 2/ 4,231 | 562 | 359 | 1,407 |
| 2002 | 2/ 8,284 | 2/ 5,407 | 2/ 706 | 472 | 1,699 |
| 2003 | 2/ 10,620 | 2/ 7,110 | 2/ 956 | 535 | 2,019 |
| 2004 | 2/ 11,711 | 2/ 8,156 | 2/ 1,081 | 2/ 521 | 1,953 |
| 2005 | 2/ 11,938 | 2/ 8,041 | 2/ 1,166 | 2/ 673 | 2/ 2,058 |
| 2006 | 2/ 8,875 | 2/ 6,197 | 2/ 750 | 2/ 698 | 2/ 1,230 |
| 2007 | 7,429 | 5,431 | 519 | 295 | 1,184 |

1/ May differ from Honolulu Board of Realtors data used in other *Data Book* tables.

2/ Revised from previous *Data Book*.

Source: Prudential Locations Research, records.

Table 21.35-- MULTIPLE LISTING SERVICE, MEDIAN SALES PRICE OF SINGLE FAMILY AND CONDOMINIUM SALES, BY COUNTY: 1995 TO 2007

[In dollars. Data reported in previous *Data Books* were county level data]

| Category and year | State | Oahu 1/ | Hawaii | Kauai | Maui |
|-------------------|------------|------------|------------|------------|------------|
| SINGLE FAMILY | | | | | |
| 1995 | 286,000 | 349,000 | 155,000 | 245,000 | 272,000 |
| 1996 | 270,000 | 334,000 | 164,000 | 220,000 | 262,250 |
| 1997 | 2/ 257,000 | 305,000 | 152,750 | 223,000 | 251,000 |
| 1998 | 250,000 | 298,000 | 158,000 | 230,000 | 254,000 |
| 1999 | 250,000 | 290,000 | 160,000 | 237,500 | 250,000 |
| 2000 | 260,000 | 298,000 | 175,000 | 255,000 | 275,000 |
| 2001 | 2/ 268,950 | 300,000 | 187,750 | 287,000 | 297,500 |
| 2002 | 310,000 | 335,000 | 2/ 193,500 | 327,750 | 375,000 |
| 2003 | 360,000 | 385,000 | 235,000 | 366,375 | 440,000 |
| 2004 | 440,000 | 465,000 | 2/ 290,000 | 2/ 498,925 | 560,000 |
| 2005 | 2/ 559,000 | 590,000 | 385,000 | 2/ 639,000 | 2/ 678,000 |
| 2006 | 2/ 599,000 | 630,000 | 2/ 421,250 | 675,000 | 2/ 690,000 |
| 2007 | 595,000 | 645,000 | 395,000 | 650,000 | 630,137 |
| CONDOMINIUM | | | | | |
| 1995 | 175,000 | 182,000 | 120,000 | 142,250 | 160,000 |
| 1996 | 2/ 165,500 | 2/ 174,000 | 128,500 | 149,000 | 2/ 175,000 |
| 1997 | 145,000 | 150,000 | 125,000 | 120,000 | 2/ 152,250 |
| 1998 | 138,000 | 134,000 | 122,500 | 128,000 | 161,000 |
| 1999 | 2/ 137,700 | 125,000 | 135,000 | 120,000 | 165,000 |
| 2000 | 2/ 140,000 | 2/ 125,000 | 135,000 | 150,000 | 195,000 |
| 2001 | 145,000 | 2/ 132,000 | 139,500 | 162,500 | 197,000 |
| 2002 | 165,000 | 2/ 153,000 | 2/ 165,500 | 210,000 | 207,000 |
| 2003 | 185,000 | 175,000 | 2/ 185,000 | 287,000 | 241,000 |
| 2004 | 230,000 | 2/ 208,125 | 2/ 275,000 | 375,000 | 310,000 |
| 2005 | 299,000 | 2/ 269,000 | 2/ 369,500 | 2/ 435,000 | 385,000 |
| 2006 | 2/ 339,000 | 310,000 | 2/ 426,498 | 405,000 | 2/ 510,000 |
| 2007 | 350,000 | 325,000 | 394,900 | 565,000 | 550,000 |

1/ May differ from Honolulu Board of Realtors data used in other *Data Book* tables.

2/ Revised from previous *Data Book*.

Source: Prudential Locations Research, records.

Table 21.36-- NUMBER OF DEEDS FILED AND RECORDED AND APPROXIMATE VALUE OF LAND CONVEYED: 2002 TO 2007

[Data include leases, agreement of sales assignments, subleases, timeshares, etc., as well as deeds]

| Subject | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|
| Number of deeds filed and recorded | 91,723 | 110,922 | (NA) | (NA) | (NA) | 77,993 |
| Approximate value of land conveyed (\$1,000) | 10,811,198 | 15,643,941 | (NA) | (NA) | (NA) | (NA) |

NA Not available.

Source: Hawaii State Department of Land and Natural Resources, Bureau of Conveyances, records.

**Table 21.37-- NUMBER OF DEEDS FILED BY LAND SALE PRICE,
BY COUNTY: 2007**

[Fiscal year ending June 30. Based on recording date. Data include leases, agreement of sales, assignments, subleases, timeshares, etc., as well as deeds.]

| Sales | State total | Honolulu | Hawaii | Maui | Kauai |
|------------------------|--------------------|-----------------|---------------|-------------|--------------|
| Total | 77,993 | 29,143 | 12,504 | 25,878 | 10,468 |
| Less than \$250,000 | 57,110 | 16,451 | 9,125 | 22,525 | 9,009 |
| \$250,000 to \$499,999 | 8,912 | 5,680 | 1,643 | 1,094 | 495 |
| \$500,000 to \$599,999 | 3,408 | 2,182 | 499 | 540 | 187 |
| \$600,000 to \$749,999 | 3,276 | 2,104 | 403 | 532 | 237 |
| \$750,000 to \$999,999 | 2,382 | 1,453 | 269 | 435 | 225 |
| \$1.0 to \$1.4 million | 1,326 | 601 | 206 | 379 | 140 |
| \$1.5 to \$1.9 million | 586 | 249 | 107 | 133 | 97 |
| \$2.0 to \$2.4 million | 281 | 101 | 78 | 76 | 26 |
| \$2.5 to \$2.9 million | 170 | 61 | 38 | 52 | 19 |
| \$3.0 million or more | 542 | 261 | 136 | 112 | 33 |

Source: Hawaii State Department of Land and Natural Resources, Bureau of Conveyances, records.

Table 21.38-- NUMBER OF DEEDS FILED BY CLASS, BY COUNTY: 2007

[Fiscal year ending June 30. Based on recording date]

| Class of deed | State total | Honolulu | Hawaii | Maui | Kauai |
|---------------------------|--------------------|-----------------|---------------|-------------|--------------|
| Total | 77,993 | 29,143 | 12,504 | 25,878 | 10,468 |
| Deed | 26,609 | 12,268 | 8,887 | 3,369 | 2,085 |
| Timeshare deed | 30,302 | 4,741 | 1,605 | 17,966 | 5,990 |
| Assignment of lease | 1,504 | 1,217 | 122 | 116 | 49 |
| Agreement of sale | 127 | 51 | 54 | 18 | 4 |
| Timeshare (lease) | 1,073 | 65 | 76 | 721 | 211 |
| Lease | 556 | 382 | 47 | 100 | 27 |
| Apartment deed | 13,288 | 9,590 | 1,160 | 1,605 | 933 |
| Assignment of timeshare | 1,296 | 381 | 100 | 393 | 422 |
| Reconveyance of timeshare | 3,114 | 348 | 440 | 1,581 | 745 |
| Apartment lease | 124 | 100 | 13 | 9 | 2 |

Source: Hawaii State Department of Land and Natural Resources, Bureau of Conveyances, records.

**Table 21.39-- FORECLOSURE FILINGS, BY JUDICIAL CIRCUIT:
1993 TO 2007**

| Year | State total | First Circuit 1/ | Second Circuit 2/ | Third Circuit 3/ | Fifth Circuit 4/ |
|-------------|--------------------|-------------------------|--------------------------|-------------------------|-------------------------|
| 1993 | 1,436 | 950 | 204 | 216 | 66 |
| 1994 | 1,578 | 1,022 | 240 | 222 | 94 |
| 1995 | 1,957 | 1,204 | 317 | 293 | 143 |
| 1996 | 2,800 | 1,828 | 464 | 352 | 156 |
| 1997 | 3,148 | 2,205 | 421 | 362 | 160 |
| 1998 | 3,626 | 2,662 | 422 | 359 | 183 |
| 1999 | 2,934 | 2,135 | 324 | 339 | 136 |
| 2000 | 2,153 | 1,591 | 228 | 251 | 83 |
| 2001 | 1,913 | 1,390 | 197 | 246 | 80 |
| 2002 | 948 | 624 | 110 | 151 | 63 |
| 2003 | 621 | 396 | 78 | 112 | 35 |
| 2004 | 437 | 283 | 51 | 80 | 23 |
| 2005 | 308 | 198 | 47 | 51 | 12 |
| 2006 | 453 | 266 | 59 | 105 | 23 |
| 2007 | 718 | 395 | 101 | 188 | 34 |

1/ City and County of Honolulu and Kalawao on Molokai.

2/ Maui County excludes Kalawao on Molokai.

3/ Hawaii County.

4/ Kauai County.

Source: The Judiciary, Office of the Administrative Director of the Courts, Statistics Office, records.

**Table 21.40-- FORECLOSURE MARKET STATISTICS FOR
HAWAII AND THE UNITED STATES: 2007**

| Subject | Hawaii | United States |
|---|--------|---------------|
| Total foreclosure filings 1/ | 1,270 | 2,203,295 |
| Percent change from 2006 | 88.7 | 75.0 |
| Percent change from 2005 | -60.4 | 148.8 |
| Total properties with filings | 966 | 1,285,873 |
| Percent household (foreclosure rate) 2/ | 0.197 | 1.033 |
| Foreclosure rate rank 3/ | 43 | (X) |

X Not applicable.

1/ Includes foreclosure-related documents in all three phase of foreclosure - Default (Notice of Default and Lis Pendens; Auction (Notice of Trustee Sale and Notice of Foreclosure Sale); and Real Estate Owned or REO properties (that has been foreclosed on and repurchased by a bank).

2/ Based on household numbers from the U.S. Census Bureau's 2005 estimates of total housing units.

3/ Highest rate ranking 1 among the 50 states and D.C.

Source: RealtyTrac, "U.S. Foreclosure Activity Increases 75 Percent in 2007" (January 29, 2008) <<http://www.realtytrac.com/ContentManagement/pressrelease.aspx?ChannelID=9&ItemID=3988&acct=64847>> accessed July 3, 2008.

Table 21.41-- ELEVATORS: 2006

[As of December 31]

| Facility | State total | Oahu | Hawaii | | Maui | Molo-kai | Lanai | Kauai |
|-------------------------|-------------|-------|--------|------|------|----------|-------|-------|
| | | | Hilo | Kona | | | | |
| Total | 5,451 | 4,193 | 141 | 286 | 586 | 1 | 20 | 224 |
| Hydro (Under 9 stories) | 1,907 | 1,215 | 80 | 170 | 277 | 1 | 9 | 155 |
| Roped: | 3,544 | 2,978 | 61 | 116 | 309 | - | 11 | 69 |
| Under 9 stories | 1,668 | 1,199 | 50 | 116 | 238 | - | 11 | 54 |
| 9 to 18 stories | 1,155 | 1,058 | 11 | - | 71 | - | - | 15 |
| 19 to 28 stories | 407 | 407 | - | - | - | - | - | - |
| 29 to 38 stories | 218 | 218 | - | - | - | - | - | - |
| 39 stories or more | 96 | 96 | - | - | - | - | - | - |

Source: Hawaii State Department of Labor and Industrial Relations, Division of Occupational Safety and Health, Boiler and Elevator Inspection Bureau, records.

Table 21.42-- ESCALATORS AND SIMILAR FACILITIES: 2007

[As of December 31. Information in the source database is currently being updated so data may differ significantly from previous *Data Books*]

| Facility | State total | Oahu | Hawaii | | Maui | Molo-kai | Lanai | Kauai |
|---|-------------|------|--------|------|------|----------|-------|-------|
| | | | Hilo | Kona | | | | |
| Total | 1,034 | 814 | 53 | 19 | 105 | 4 | 2 | 37 |
| Escalators & moving walks/ speed ramps | 438 | 406 | 5 | 1 | 24 | - | - | 2 |
| Inclined lifts | 10 | 7 | 1 | 1 | - | - | 1 | - |
| Private industrial elevators | 36 | 2 | - | 1 | 19 | - | - | 14 |
| Manlifts | 8 | 6 | - | 1 | - | 1 | - | - |
| Handicap/chairlifts | 323 | 232 | 31 | 8 | 36 | 3 | 1 | 12 |
| Dumbwaiters | 219 | 161 | 16 | 7 | 26 | - | - | 9 |

Source: Hawaii State Department of Labor and Industrial Relations, Division of Occupational Safety and Health, Boiler and Elevator Inspection Bureau, records.

Table 21.43-- TALLEST STRUCTURES, BY ISLAND: MARCH 2008

| Island and structure | Location | Year completed | Height | |
|---|-------------------|----------------|---------|-------|
| | | | Stories | Feet |
| BUILDINGS 1/ | | | | |
| Hawaii: Bayshore Towers | Hilo | 1970 | 15 | 135 |
| Maui: The Whaler | Kaanapali | 1975 | 12 | 170 |
| Lanai: Manele Hotel | Hulopoe Bay | 1991 | 3 | 48 |
| Molokai: Molokai Light Station | Kalaupapa | 1909 | (NA) | 138 |
| Oahu: 2/ First Hawaiian Center | 999 Bishop Street | 1996 | 27 | 438 |
| Hawaiki Tower | 404 Piikoi Street | 1999 | 47 | 400 |
| Kauai: Marriott Resort & Beach Club | Lihue | 1959 | 10 | 107 |
| OTHER STRUCTURES | | | | |
| Hawaii: Coast Guard LORAN Station | Upolu Point | 1958 | (X) | 625 |
| Maui: KMVI Radio Tower | Wailuku | 1992 | (X) | 455 |
| Lanai: Storage tanks | Manele Harbor | (NA) | (X) | 50 |
| Molokai: KAIM Radio Tower | Kalua Koi | 1981 | (X) | 410 |
| Oahu: VLF Antenna | Lualualei | 1972 | (X) | 1,503 |
| Kauai: Communication Engineers Tower | Mana | 1964 | (X) | 400 |

NA Not available.

X Not applicable.

1/ Shown separately for the tallest in feet and also (if different) for the tallest in number of stories.

2/ Not shown are several 400 feet tall buildings with fewer than 47 stories.

Source: Compiled from county building departments by the Hawaii State Department of Business, Economic Development & Tourism.

Section 22

MANUFACTURES

This section presents statistics on the manufacturing segment of the economy, including sugar processing and pineapple canning. Additional information on manufacturing workers appears in Sections 12 and 15.

Sources for data on this subject include the *U.S. 2002 Economic Census*, the *U.S. Annual Survey of Manufactures*, publications of the Hawaii State Department of Agriculture and the Hawaii State Department of Taxation, and the *Hawaiian Sugar Manual* of the former Hawaiian Sugar Planters' Association, now the Hawaii Agriculture Research Center. *Historical Statistics of Hawaii*, Section 16, contains the figures for earlier years. Statistics for the nation as a whole appear in Section 21 of the *Statistical Abstract of the United States: 2008*.

Table
Number **Table Name**

(Click on the table number to go to corresponding table)

Narrative

| | |
|------------------------------|--|
| <u>22.01</u> | Statistical Summary of Manufactures (NAICS 31-33): 2001 to 2006 |
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**Table 22.01-- STATISTICAL SUMMARY OF MANUFACTURES
(NAICS 31- 33): 2001 TO 2006**

[In millions of dollars unless otherwise noted. Industry groups with 950 employees or more; for 2002 data, with 100 employees or more. Statistics based on the North American Industry Classification System (NAICS)]

| Subject | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| All employees | | | | | | |
| Number (1,000) | 14.4 | 13.2 | 13.6 | 14.0 | 1/ 14.0 | 14.0 |
| Payroll | 447.4 | 421.3 | 434.4 | 518.5 | 481.0 | 503.8 |
| Production workers | | | | | | |
| Number (1,000) 2/ | 9.1 | 8.9 | 9.0 | 8.8 | 1/ 9.0 | 9.0 |
| Hours (millions) | 16.7 | 16.8 | 17.6 | 18.6 | 1/ 18.7 | 18.1 |
| Wages | 224.7 | 254.7 | 269.1 | 319.2 | 282.5 | 299.5 |
| Value added by manufacture | 907.3 | 1,217.7 | 1,224.5 | 1,477.8 | 1/ 1,847.6 | 2,049.1 |
| Cost of materials 3/ | 2,268.6 | 2,246.5 | 2,641.9 | 3,092.7 | 4,716.2 | 5,301.5 |
| Value of shipments 3/ | 3,196.4 | 3,460.2 | 3,879.7 | 4,519.0 | 1/ 6,442.6 | 7,301.0 |
| Total capital expenditures | 157.2 | 83.0 | 91.3 | 98.3 | 146.4 | 173.5 |

1/ Revised from previous *Data Book*.

2/ For years 2001 to 2004, average number of production workers for the payroll periods that include the 12th of March, May, August, and November, plus other employees for the payroll period that includes the 12th of March. For years 2005 and 2006, average number of production workers for the payroll periods that include the 12th of March, June, September, and December, plus other employees for the payroll period that includes the 12th of March.

3/ Aggregate of total cost of materials and total value of shipments includes extensive duplication, since products of some industries are used as materials of others.

Source: U.S. Census Bureau, *Annual Survey of Manufactures, Geographic Area Statistics, 2001*, M01(AS)-3 (January 2003), table 2; *2003*, M03(AS)-3 (May 2005), table 2; *2004*, M04(AS)-3 (January 2006), table 2; *2005*, M05 (AS)-3 (November 2006), table 2; *2006* (December 2006) <<http://www.census.gov/mcd/asm-as3.html>> accessed March 5, 2008; U.S. Census Bureau, *2002 Economic Census, Manufacturing, Geographic Area Series, Hawaii*, EC02-31A-HI (RV) (September 2005), table 1 <<http://www.census.gov/prod/ec02/ec0231ahi.pdf>> accessed October 6, 2005.

**Table 22.02-- DETAILED MANUFACTURING STATISTICS
(NAICS 31 - 33): 1997 AND 2002**

[Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| Item | Value | |
|---|-----------|-----------|
| | 1997 | 2002 |
| Companies 1/ | 895 | (NA) |
| All establishments 2/ | 921 | 929 |
| 1 to 19 employees | 762 | 772 |
| 20 to 99 employees | 130 | 135 |
| 100 employees or more | 29 | 22 |
| All employees 3/ | 15,109 | 13,200 |
| Total compensation (\$1,000) | 503,407 | 512,860 |
| Annual payroll | 405,045 | 421,269 |
| Total fringe benefits | 98,362 | 91,591 |
| Production workers, average for year | 9,899 | 8,865 |
| On March 12 | 9,835 | 8,858 |
| On May 12 | 9,768 | 8,830 |
| On August 12 | 10,194 | 8,880 |
| On November 12 | 9,799 | 8,859 |
| Production-worker hours (1,000) | 18,362 | 16,837 |
| Production-worker wages (\$1,000) | 231,595 | 254,713 |
| Total cost of materials (\$1,000) | 1,941,147 | 2,246,539 |
| Materials, parts, containers, packaging, etc., used | 1,673,002 | 1,904,259 |
| Resales | 152,624 | 246,016 |
| Purchased fuels | 51,118 | 41,001 |
| Purchased electricity | 23,281 | 21,969 |
| Contract work | 41,122 | 33,294 |
| Quantity of electricity purchased for heat and power (1,000 kWh) | 245,275 | 204,563 |
| Quantity of electricity generated less sold for heat and power (1,000 kWh) | (4/) | 356,114 |
| Total value of shipments (\$1,000) | 3,192,532 | 3,460,199 |
| Value of resales | 181,478 | 280,656 |
| Value added (\$1,000) | 1,262,448 | 1,217,728 |
| Total inventories, beginning of year (\$1,000) | 336,547 | 366,172 |
| Finished goods | 175,028 | 195,042 |
| Work-in-process | 46,214 | 74,346 |
| Materials and supplies | 115,305 | 96,784 |

Continued on next page.

**Table 22.02-- DETAILED MANUFACTURING STATISTICS
(NAICS 31 - 33): 1997 AND 2002 -- Con.**

| Item | Value | |
|---|-----------|-----------|
| | 1997 | 2002 |
| Total inventories, end of year (\$1,000) | 351,344 | 370,990 |
| Finished goods | 188,052 | 237,652 |
| Work-in-process | 47,984 | 31,358 |
| Materials and supplies | 115,308 | 101,980 |
| Gross value of depreciable assets (acquisition costs) at beginning of year (\$1,000) | 1,221,564 | 1,386,417 |
| Total capital expenditures (new and used) | 100,707 | 82,960 |
| Buildings and other structures | 38,742 | 13,569 |
| Machinery and equipment | 61,965 | 69,391 |
| Automobiles, trucks, etc., for highway use | (NA) | 5,399 |
| Computers and peripheral data processing equipment | (NA) | 4,080 |
| All other expenditures for machinery and equipment | (NA) | 59,912 |
| Total retirements | 24,447 | 33,527 |
| Gross value of depreciable assets at end of year (\$1,000) | 1,297,824 | 1,435,850 |
| Depreciation charges during year (\$1,000) | 68,301 | 76,908 |
| Total rental payments (\$1,000) | 38,447 | 51,216 |
| Buildings and other structures | 23,072 | 36,161 |
| Machinery and equipment | 15,375 | 15,055 |

NA Not available.

1/ For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

2/ Includes establishments with payroll at any time during the year.

3/ Average number of production workers for pay period that includes the 12th of March, May,

4/ Withheld to avoid disclosing data for individual companies; data are included in higher level totals. August, and November plus other employees for payroll period that includes the 12th of March.

Source: U.S. Census Bureau, *1997 Economic Census, Manufacturing, Geographic Area Series, Hawaii*, EC97M31A-HI (May 2000), table 5; U.S. Census Bureau, *2002 Economic Census, Manufacturing, Geographic Area Series, Hawaii*, EC02-31A-HI (RV) (September 2005), table 5
<<http://www.census.gov/prod/ec02/ec0231ahi.pdf>> accessed October 6, 2005.

**Table 22.03-- STATISTICAL SUMMARY OF MANUFACTURING
(NAICS 31 - 33), BY COUNTY: 2002**

[For the State, industries with 100 employees or more; for the counties, industries with 500 employees or more. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| Subject | State total | City and County of Honolulu | Hawaii County | Kauai County 1/ | Maui County |
|--|--------------------|--|--------------------------|----------------------------|------------------------|
| All establishments 2/ With 20 employees or more | 929 157 | 683 132 | 114 14 | 39 3 | 93 8 |
| All employees | | | | | |
| Number | 13,200 | 10,253 | 1,246 | 210 | 1,491 |
| Payroll (\$1,000) | 421,269 | 326,845 | 38,289 | 5,903 | 50,232 |
| Production workers | | | | | |
| Number 3/ | 8,865 | 6,855 | 740 | 129 | 1,141 |
| Hours (1,000) | 16,837 | 12,920 | 1,466 | 247 | 2,204 |
| Wages (\$1,000) | 254,713 | 195,266 | 20,463 | 3,344 | 35,640 |
| Value added by manufacture (\$1,000) | 1,217,728 | 948,546 | 97,719 | 14,403 | 157,060 |
| Cost of materials 4/ (\$1,000) | 2,246,539 | 2,017,417 | 102,186 | 13,047 | 113,889 |
| Value of shipments 4/ (\$1,000) | 3,460,199 | 2,959,134 | 204,377 | 26,132 | 270,556 |
| Total capital expenditures (\$1,000) | 82,960 | 59,572 | 6,371 | 443 | 16,574 |

1/ Kauai data calculated as residual by the Hawaii State Department of Business, Economic Development & Tourism.

2/ Includes establishments with payroll at any time during the year.

3/ Average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

4/ Aggregate of cost of materials and value of shipments include extensive duplication since products of some industries are used as materials by others.

Source: U.S. Census Bureau, 2002 *Economic Census, Manufacturing, Geographic Area Series, Hawaii*, EC02-31A-HI (RV) (September 2005), tables 1 and 3 <<http://www.census.gov/prod/ec02/ec0231ahi.pdf>> accessed October 6, 2005. Calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 22.04-- MANUFACTURING, BY SELECTED INDUSTRY GROUP
(NAICS 31 - 33): 2006**

[Industry groups with 950 employees or more. Statistics based on the North American Industry Classification System (NAICS)]

| Subject | Total | Food NAICS 311 | Food, bakeries & tortilla NAICS 3118 | Other food NAICS 3119 | Printing & related support NAICS 323 | Non- metallic mineral NAICS 327 | Miscel- laneous NAICS 339 | Other miscel- laneous NAICS 3399 |
|--|--------------|-------------------------------|---|--|---|--|--|---|
| All employees | | | | | | | | |
| Number 1/ | 13,933 | 4,947 | 1,590 | 1,486 | 1,538 | 1,077 | 1,309 | 1,061 |
| Payroll (\$1,000) | 503,761 | 158,474 | 39,938 | 41,861 | 54,875 | 54,586 | 37,989 | 28,646 |
| Production workers | | | | | | | | |
| Number 1/ | 8,966 | 3,096 | 1,152 | 1,025 | 899 | 738 | 652 | 482 |
| Hours (1,000) | 18,148 | 6,500 | 1,860 | 1,994 | 1,732 | 1,654 | 1,238 | 890 |
| Wages (\$1,000) | 299,466 | 94,006 | 25,320 | 24,601 | 31,183 | 37,541 | 16,496 | 10,151 |
| Value added (\$1,000) | 2,049,067 | 544,935 | 105,648 | 164,666 | 121,418 | 190,714 | 60,483 | 45,337 |
| Total cost of materials (\$1,000) 2/ | 5,301,463 | 444,485 | 59,998 | 141,602 | 61,645 | 130,820 | 66,475 | 60,715 |
| Total value of shipments (\$1,000) 2/ | 7,300,965 | 986,050 | 164,288 | 301,316 | 181,624 | 322,444 | 121,757 | 100,946 |
| Total capital expenditures (\$1,000) | 173,501 | 45,698 | 5,163 | 3,757 | 5,125 | 14,644 | 4,099 | 3,962 |

1/ Average number of production workers for the March 12, June 12, September 12, and December 12 pay periods, plus other employees for the payroll period that includes the 12th of March.

2/ Aggregate of total cost of materials and total value of shipments includes extensive duplication, since products of some industries are used as materials of others.

Source: U.S. Census Bureau, 2006 Geographic Area Statistics, "2006 Annual Survey of Manufactures"
<<http://www.census.gov/mcd/asm-as3.html>> accessed June 16, 2008.

**Table 22.05-- MANUFACTURING, EMPLOYMENT AND WAGES
(NAICS 31-33), BY SELECTED NAICS CODE: 2006**

[Includes only establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to 1997]

| NAICS code | Kind of business | Average establishments | Annual average employment | Total annual wages (\$1,000) | Annual wages per employee |
|------------|--|------------------------|---------------------------|------------------------------|---------------------------|
| | Total | 1,061 | 15,149 | 541,813 | 35,766 |
| 311 | Food | 309 | 6,314 | 175,604 | 27,814 |
| 3113 | Sugar & confectionery product | 22 | 845 | 28,309 | 33,518 |
| 3114 | Fruit & vegetable preserving & specialty | 27 | 688 | 22,073 | 32,072 |
| 3115 | Dairy product | 11 | 363 | 16,447 | 45,276 |
| 3116 | Animal slaughtering & processing | 22 | 548 | 13,786 | 25,173 |
| 3118 | Bakeries & tortilla | 138 | 1,956 | 45,484 | 23,253 |
| 312 | Beverage and tobacco product | 32 | 753 | 32,719 | 43,461 |
| 3121 | Beverage | 32 | 753 | 32,719 | 43,461 |
| 314 | Textile product mills | 24 | 212 | 5,732 | 27,019 |
| 315 | Apparel | 78 | 831 | 15,709 | 18,905 |
| 321 | Wood product | 37 | 362 | 13,227 | 36,573 |
| 3212 | Plywood & engineered wood product | 10 | 202 | 8,290 | 41,072 |
| 3219 | Other wood product | 21 | 133 | 4,169 | 31,287 |
| 322 | Paper | 9 | 213 | 8,879 | 41,765 |
| 323 | Printing & related support activities | 122 | 1,189 | 39,576 | 33,299 |
| 325 | Chemical | 34 | 374 | 15,439 | 41,263 |
| 326 | Plastics & rubber products | 18 | 284 | 10,673 | 37,626 |
| 327 | Nonmetallic mineral product | 70 | 1,127 | 62,942 | 55,870 |
| 3272 | Glass & glass product | 10 | 51 | 1,341 | 26,476 |
| 3273 | Cement & concrete product | 34 | 861 | 53,726 | 62,375 |
| 3279 | Other non-metallic mineral products | 18 | 184 | 7,235 | 39,301 |
| 332 | Fabricated metal product | 44 | 475 | 21,383 | 45,040 |
| 3323 | Architectural & structural metals | 27 | 272 | 11,278 | 41,449 |
| 334 | Computer & electronic product | 13 | 67 | 3,724 | 55,996 |
| 336 | Transportation equipment | 29 | 538 | 26,024 | 48,387 |
| 3366 | Ship & boat building | 17 | 495 | 24,173 | 48,835 |
| 337 | Furniture & related product | 60 | 563 | 23,327 | 41,428 |
| 339 | Miscellaneous | 162 | 1,208 | 38,614 | 31,961 |
| 3391 | Medical equipment & supplies | 43 | 295 | 11,592 | 39,318 |
| 3399 | Other miscellaneous | 119 | 913 | 27,021 | 29,585 |

Source: U.S. Department of Labor, Bureau of Labor Statistics, *Employment and Wages, Annual Averages 2006*, table 10 <<http://www.bls.gov/cew/cewbultn06.htm>> accessed April 8, 2008.

**Table 22.06-- GENERAL EXCISE TAX BASE FOR MANUFACTURING:
1987 TO 2007**

[In thousands of dollars. Data exclude sugar processing, pineapple canning, and petroleum refining, and are on a cash basis accounting. Manufactured goods shipped out of State were exempted from the general excise tax by Act 239, SLH 1987, effective January 1, 1988. Calendar year in which reported, including "prior years" reports. Income received in December is reported the following January, hence these annual totals generally refer to income received in the 12-month period ending November 30]

| Year | Tax base | Year | Tax base | Year | Tax base |
|-------------|-----------------|-------------|-----------------|-------------|-----------------|
| 1987 | 595,140 | 1994 | 618,238 | 2001 | 611,292 |
| 1988 | 629,303 | 1995 | 614,771 | 2002 | 612,658 |
| 1989 | 630,997 | 1996 | 622,889 | 2003 | 638,863 |
| 1990 | 728,387 | 1997 | 581,259 | 2004 | 642,245 |
| 1991 | 714,407 | 1998 | 535,371 | 2005 | 699,877 |
| 1992 | 714,470 | 1999 | 585,305 | 2006 1/ | 781,626 |
| 1993 | 717,423 | 2000 | 586,039 | 2007 | 766,208 |

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Taxation, "General Excise and Use Tax Base" (annual).
Beginning in 1997, <http://www.state.hi.us/tax/a5_3txcolrptarchive.htm> accessed June 13, 2008.

**Table 22.07-- INDUSTRIAL AND HIGH-TECHNOLOGY PARKS,
BY ISLAND: 2006 AND 2007**

| Subject | State total | Hawaii | Maui | Molokai | Oahu | Kauai |
|-------------------|--------------------|---------------|-------------|----------------|-------------|--------------|
| 2006 | | | | | | |
| Number of parks | 25 | 5 | 4 | 1 | 13 | 2 |
| Total acres | 4,870.76 | 1,870.00 | 651.00 | 19.04 | 2,261.72 | 69.00 |
| 2007 | | | | | | |
| Number of parks | 25 | 4 | 4 | 1 | 14 | 2 |
| Total acres | 4,772.20 | 1,794.00 | 751.00 | 16.50 | 2,141.70 | 69.00 |
| Developed acres | 2,863.50 | 512.00 | 208.00 | 6.70 | 2,068.30 | 68.50 |
| Number of tenants | 1/ 1,692 | 184 | 2/ 616 | 1 | 3/ 834 | 57 |
| Number of owners | 4/ 418 | 4 | 5/ 147 | 9 | 5/ 178 | 80 |

1/ Excludes 3 parks with no data available on number of tenants.

2/ Excludes 2 parks with no data available on number of tenants.

3/ Excludes 1 park with no data available on number of tenants.

4/ Excludes 2 parks with no data available on number of owners.

5/ Excludes 1 park with no data available on number of owners.

Source: *Pacific Business News*, Vol. 44, No. 46 (January 12, 2007), p. 18; Vol. 45, No. 46 (January 11, 2008), p. 24.

**Table 22.08-- PINEAPPLE COMPANIES AND CANNERIES, AND
SUGAR COMPANIES AND MILLS, 1955 TO 2007,
AND BY ISLAND, 2006 AND 2007**

| Year | Pineapple (end of canning season) | | Sugar (December 31) | |
|--------------|--------------------------------------|-----------|------------------------|-------|
| | Companies | Canneries | Companies 1/ | Mills |
| 1955 | 10 | 8 | 28 | 26 |
| 1960 | 8 | 9 | 27 | 27 |
| 1965 | 6 | 6 | 25 | 27 |
| 1970 | 4 | 4 | 23 | 26 |
| 1975 | 3 | 3 | 16 | 17 |
| 1980 | 3 | 3 | 15 | 14 |
| 1985 | 3 | 2 | 14 | 12 |
| 1990 | 4 | 2 | 12 | 12 |
| 1994 | 3 | 1 | 9 | 10 |
| 1995 | 3 | 1 | 8 | 10 |
| 1996 | 3 | 1 | 4 | 6 |
| 1997 | 3 | 1 | 4 | 6 |
| 1998 | 3 | 1 | 4 | 6 |
| 1999 | 3 | 1 | 4 | 6 |
| 2000 | 3 | 1 | 3 | 4 |
| 2001 | 3 | 1 | 2 | 2 |
| 2002 | 3 | 1 | 2 | 2 |
| 2003 | 3 | 1 | 2 | 2 |
| 2004 | 3 | 1 | 2 | 2 |
| 2005 | 3 | 1 | 2 | 2 |
| 2006 | 3 | 1 | 2 | 2 |
| 2007 | 2 | - | 2 | 2 |
| ISLAND: 2006 | | | | |
| Hawaii | - | - | - | - |
| Maui | 1 | 1 | 1 | 1 |
| Oahu | 2 | - | - | - |
| Kauai | - | - | 1 | 1 |
| ISLAND: 2007 | | | | |
| Hawaii | - | - | - | - |
| Maui | 1 | - | 1 | 1 |
| Oahu | 1 | - | - | - |
| Kauai | - | - | 1 | 1 |

1/ In operation; excludes cooperatives.

Source: Pineapple Growers Association of Hawaii, records; *Hawaiian Sugar Manual (annual)*; Dole Food Company, records; Hawaii Agriculture Research Center, records.

Table 22.09-- SUGAR AND MOLASSES PRODUCTION: 1991 TO 2007

| Year | Cane land (acres) | | Cane used for sugar (short tons) | Sugar produced (short tons) | | Molasses produced (short tons) |
|------|-------------------|-------------------|----------------------------------|-----------------------------|--------------------|--------------------------------|
| | Total area | Harvested area 1/ | | 96° raw value | Equivalent refined | |
| 1991 | 155,609 | 67,716 | 5,852,668 | 724,100 | 676,744 | 202,214 |
| 1992 | 145,790 | 62,123 | 5,432,286 | 652,304 | 609,643 | 203,739 |
| 1993 | 121,322 | 64,705 | 5,506,072 | 677,405 | 633,103 | 211,658 |
| 1994 | 98,413 | 64,951 | 5,268,859 | 658,538 | 615,470 | 200,835 |
| 1995 | 81,957 | 48,507 | 3,952,347 | 492,346 | 460,147 | 163,305 |
| 1996 | 68,816 | 36,769 | 3,542,460 | 437,262 | 408,665 | 145,369 |
| 1997 | 67,820 | 32,033 | 2,923,594 | 356,917 | 333,575 | 131,173 |
| 1998 | 67,585 | 30,347 | 2,725,744 | 353,893 | 330,748 | 125,909 |
| 1999 | 60,758 | 35,329 | 2,891,499 | 367,532 | 343,495 | 141,481 |
| 2000 | 43,821 | 30,194 | 2,364,357 | 301,165 | 281,469 | 101,329 |
| 2001 | 50,410 | 19,293 | 1,876,613 | 246,203 | 230,101 | 85,894 |
| 2002 | 47,476 | 21,311 | 2,108,810 | 270,084 | 252,421 | 89,885 |
| 2003 | 47,733 | 19,851 | 2,029,761 | 261,009 | 243,939 | 89,631 |
| 2004 | 43,465 | 21,790 | 1,978,821 | 257,866 | 241,002 | 80,466 |
| 2005 | 40,145 | 21,735 | 1,754,581 | 252,342 | 235,839 | 72,675 |
| 2006 | 42,080 | 20,413 | 1,614,691 | 213,185 | 199,243 | 65,505 |
| 2007 | (NA) | 20,385 | 1,471,612 | 206,008 | 192,535 | 62,231 |

NA Not available.

1/ The average growth of a crop is 22 to 26 months. Only a portion of the total acreage in cane is harvested each year.

Source: Hawaiian Sugar Planters' Association, *Hawaiian Sugar Manual* (annual), and records; Hawaii Agriculture Research Center, records.

**Table 22.10-- VALUE OF SALES FOR PINEAPPLE AND SUGAR PRODUCTION:
1980 TO 2006**

[In millions of dollars]

| Year | Pineapple | | Sugar | |
|------|----------------------------|-----------------------|---------------|---------------------|
| | Canned fruit and juices 1/ | Fresh market sales 2/ | Raw sugar 96° | Commercial molasses |
| 1980 | 192.2 | 34.3 | 566.4 | 27.7 |
| 1981 | 172.0 | 45.6 | 314.2 | 13.7 |
| 1982 | 156.1 | 49.9 | 343.9 | 7.6 |
| 1983 | 171.6 | 47.4 | 396.5 | 13.7 |
| 1984 | 202.0 | 47.6 | 382.9 | 10.1 |
| 1985 | 171.7 | 50.8 | 331.9 | 8.9 |
| 1986 | 184.9 | 53.5 | 348.4 | 13.5 |
| 1987 | 202.9 | 48.5 | 325.0 | 10.9 |
| 1988 | 191.7 | 55.3 | 312.9 | 11.1 |
| 1989 | 182.7 | 59.2 | 313.6 | 8.4 |
| 1990 | 161.6 | 54.3 | 319.0 | 9.9 |
| 1991 | 172.7 | 51.9 | 261.0 | 9.7 |
| 1992 | 141.8 | 55.9 | 229.2 | 8.4 |
| 1993 | 86.6 | 54.0 | 242.9 | 9.0 |
| 1994 | 81.1 | 53.0 | 239.2 | 8.7 |
| 1995 | 72.5 | 62.5 | 190.5 | 9.7 |
| 1996 | 78.2 | 68.8 | 160.8 | 8.0 |
| 1997 | 73.0 | 63.7 | 127.5 | 5.0 |
| 1998 | 81.3 | 63.8 | 130.3 | 2.8 |
| 1999 | 72.3 | 72.5 | 129.5 | 1.8 |
| 2000 | 60.8 | 71.4 | 93.1 | 2.8 |
| 2001 | 67.7 | 68.9 | 86.4 | 4.2 |
| 2002 | 71.0 | 73.0 | 95.9 | 4.4 |
| 2003 | 64.4 | 78.5 | 95.9 | 3.1 |
| 2004 | 57.3 | 65.9 | 91.7 | 2.4 |
| 2005 | 49.8 | 63.6 | 87.9 | 3/ 4.6 |
| 2006 | (NA) | 62.4 | 74.8 | 4.9 |

NA Not available.

1/ Value of canned fruit and juices and by-product shipped out-of-State and sold within State.

2/ Includes "fresh cut". Prior to 2005, value FAS shipping point for outshipments, delivered wholesalers local sales.

3/ Revised from previous *Data Book*.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual)

<<http://www.nass.usda.gov/hi/stats/stat-pgs.htm>> accessed April 22, 2008; and records.

Section 23

DOMESTIC TRADE AND SERVICES

This section presents statistics relating to retail and wholesale trade; hotels; and selected personal, business, automotive, repair, and amusement services, including the motion picture industry. Related data are included in Sections 7, 12, 14 and 15.

The major sources of these data are the U.S. Census Bureau, *2002 Economic Census, Geographic Area Series*, Retail Trade, Wholesale Trade, and all others relating to the services industry. Statistics on the retailing, wholesaling, and services tax bases are available from the Hawaii State Department of Taxation. Data on hotel room counts, occupancy and other characteristics are published by the Hawaii State Department of Business, Economic Development & Tourism's Tourism Research Branch. The Film Industry Branch of the Hawaii State Department of Business, Economic Development & Tourism compiles data on motion picture and television production. A summary of figures on trade and services in earlier years appears in *Historical Statistics of Hawaii*, Section 20. The *Statistical Abstract of the United States: 2008*, Section 22 and 27, presents similar data for other states and the nation as a whole.

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**Table 23.01-- GENERAL EXCISE TAX BASE FOR TRADE AND SERVICE
ACTIVITIES: 1985 TO 2007**

[In thousands of dollars. Data are on a cash basis accounting]

| Year reported 1/ | Retailing | Services 2/ | Amusement, etc. 3/ | Intermediary services | Wholesaling |
|-------------------------|------------------|--------------------|---------------------------|------------------------------|--------------------|
| 1985 | 8,499,254 | 2,481,669 | 154,830 | 116,300 | 4,095,220 |
| 1986 | 9,239,373 | 2,784,169 | 159,881 | 127,992 | 4,443,166 |
| 1987 | 9,449,673 | 2,896,159 | 157,824 | 148,557 | 5,188,215 |
| 1988 | 10,385,974 | 3,287,715 | 165,729 | 182,138 | 5,683,815 |
| 1989 | 11,607,779 | 3,699,003 | 184,154 | 189,018 | 6,595,569 |
| 1990 | 12,827,883 | 4,276,876 | 201,003 | 349,111 | 7,494,330 |
| 1991 | 13,398,382 | 4,888,164 | 209,128 | 451,078 | 7,722,752 |
| 1992 | 13,846,332 | 5,032,682 | 229,091 | 247,850 | 7,498,621 |
| 1993 | 13,976,048 | 5,092,654 | 226,443 | 218,173 | 7,646,215 |
| 1994 | 14,569,798 | 5,270,844 | 238,195 | 265,755 | 7,622,366 |
| 1995 | 15,050,113 | 5,351,079 | 233,843 | 264,193 | 7,808,103 |
| 1996 | 16,091,429 | 5,618,027 | 246,232 | 292,250 | 8,153,155 |
| 1997 | 15,973,955 | 5,414,691 | 229,802 | 283,064 | 8,101,894 |
| 1998 | 15,730,858 | 5,545,001 | 232,288 | 320,845 | 8,030,448 |
| 1999 | 15,957,379 | 5,647,648 | 220,959 | 298,815 | 8,059,260 |
| 2000 | 17,453,936 | 6,045,695 | 253,484 | 378,574 | 9,082,585 |
| 2001 | 17,823,297 | 6,426,452 | 249,098 | 322,183 | 9,171,140 |
| 2002 | 17,873,487 | 6,831,646 | 265,334 | 331,944 | 9,288,532 |
| 2003 | 18,835,041 | 7,296,759 | 260,651 | 352,614 | 9,714,281 |
| 2004 | 21,049,652 | 8,108,248 | 288,658 | 312,781 | 11,017,918 |
| 2005 | 23,233,246 | 9,206,858 | 292,734 | 388,457 | 11,920,729 |
| 2006 | 23,997,010 | 9,967,208 | 301,779 | 606,071 | 12,687,800 |
| 2007 | 26,448,776 | 11,197,746 | 343,395 | 681,671 | 13,903,196 |

1/ Calendar year in which reported, including "prior years" reports. Income received in December is reported the following January, hence these annual totals generally refer to an "income year" ended November 30.

2/ Includes both business and professional services but excludes hotels, theater, amusement, broadcasting, and intermediary services.

3/ Theater, amusement, radio, etc.

Source: Hawaii State Department of Taxation, "General Excise and Use Tax Base" (annual tabular release). see also <http://www.state.hi.us/tax/a5_3txcolrpt.htm>.

**Table 23.02-- RETAIL ESTABLISHMENTS, BY PAYROLL STATUS:
1972 TO 2002**

[Coverage has differed somewhat from census to census]

| Year | Number of establishments | | | Sales (million dollars) | | |
|--------------------|--------------------------|--------------|-----------------|-------------------------|--------------|-----------------|
| | Total | With payroll | Without payroll | Total | With payroll | Without payroll |
| old definition: | | | | | | |
| 1972 | 6,392 | 4,491 | 1,901 | 1,865 | 1,820 | 45 |
| 1977 | 7,388 | 5,273 | 2,115 | 3,294 | 3,223 | 71 |
| 1982 | 8,917 | 6,139 | 2,778 | 5,193 | 5,102 | 92 |
| 1987 | 11,143 | 7,195 | 3,948 | 8,267 | 8,084 | 183 |
| 1992 | 13,185 | 7,807 | 5,378 | 11,510 | 11,250 | 260 |
| 1997 | 17,478 | 7,860 | 9,618 | 13,638 | 13,299 | 339 |
| new definition: 1/ | | | | | | |
| 1997 | 14,098 | 5,088 | 9,010 | 11,628 | 11,318 | 310 |
| 2002 | 13,719 | 4,924 | 8,795 | 13,362 | 13,008 | 354 |

1/ Excludes foodservices (eating and drinking places), included in earlier censuses.

Source: U.S. Census Bureau, *1972 Census of Retail Trade, Hawaii*, RC72-A-12 (July 1974), table 1; *1977 Census of Retail Trade, Hawaii*, RC77-A-12 (June 1979), table 1; *1982 Census of Retail Trade, Hawaii*, RC82-A-12 (September 1984), table 1; *1987 Census of Retail Trade, Hawaii*, RC87-A-12 (May 1989), table 1, and *Nonemployer Statistics Series, West*, RC87-N-4 (February 1990), table 2; *1992 Census of Retail Trade, Hawaii*, RC92-A-12 (October 1994), table 1, and *Nonemployer Statistics Series, Summary*, RC92-N-1 (February 1995), table 3; *1997 Economic Census, Retail Trade, Hawaii*, EC97R44A-HI (November 1999), table 1; *1997 Economic Census Accomodation and Foodservices*, EC97R72A-HI (October 1999), table 1; *1997 Economic Census, Nonemployer Statistics*, EC97X-CS4 (January 2001), table 2; *2002 Economic Census, Retail Trade, Geographic Area Series, Hawaii*, EC02-44A-HI, (January 2005), table 1; and *2002 Economic Census, Nonemployer Statistics, Hawaii*, <<http://www.census.gov/epcd/nonemployer/2002/hi/HI000.HTM>> accessed February 2, 2005.

**Table 23.03-- FOOD SERVICES & DRINKING PLACES (NAICS 722)
BY TYPE OF SERVICE: 2002**

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| NAICS code | Type of service | Establishments (number) | Sales (\$1,000) | Annual payroll (\$1,000) | Paid employees, pay period including March 12 (number) |
|-------------------|---------------------------------------|--------------------------------|------------------------|---------------------------------|---|
| 722 | Food services & drinking places | 2,858 | 2,331,592 | 645,689 | 50,781 |
| 7221 | Full-service restaurants | 1,081 | 1,185,561 | 368,028 | 27,296 |
| 7222 | Limited-service eating places | 1,401 | 869,160 | 207,744 | 18,613 |
| 7223 | Special food services | 109 | 174,794 | 46,889 | 2,556 |
| 72231 | Food service contractors | 56 | 150,324 | 39,650 | 2,011 |
| 72232 | Caterers | 33 | 20,778 | 6,430 | 479 |
| 72233 | Mobile food services | 20 | 3,692 | 809 | 66 |
| 7224 | Drinking places (alcoholic beverages) | 267 | 102,077 | 23,028 | 2,316 |

Source: U.S. Census Bureau, *2002 Economic Census, Accommodation and Food Services, Geographic Area Series, Hawaii*, EC02-72A-HI, (January 2005), table 1.

**Table 23.04-- CHARACTERISTICS OF RETAIL ESTABLISHMENTS
(NAICS 44-45) WITH PAYROLL, BY BROAD GEOGRAPHIC AREA: 2002**

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| Subject | State total | Oahu | Other Islands |
|---|------------------------|-------------|--------------------------|
| Number of establishments | 4,924 | 3,065 | 1,859 |
| Sales (\$1,000) | 13,008,182 | 8,816,634 | 4,191,548 |
| Annual payroll (\$1,000) | 1,333,809 | 880,174 | 453,635 |
| First quarter payroll (\$1,000) | 320,859 | 212,995 | 107,864 |
| Paid employees for pay period including March 12 | 63,794 | 41,968 | 21,826 |

Source: U.S. Census Bureau, *2002 Economic Census, Retail Trade, Geographic Area Series, Hawaii*, EC02-44A-HI, (January 2005), tables 1 and 2.

Table 23.05-- RETAIL ESTABLISHMENTS (NAICS 44-45), FOR COUNTY AND SELECTED URBAN PLACE: 2002

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| Geographic area | Number of establishments | Sales (\$1,000) | Annual payroll (\$1,000) | Paid employees for pay period including March 12 (number) |
|------------------------|---------------------------------|------------------------|---------------------------------|--|
| State total | 4,924 | 13,008,182 | 1,333,809 | 63,794 |
| Hawaii County | 691 | 1,704,360 | 176,092 | 8,541 |
| Captain Cook | 8 | 17,240 | 2,282 | 96 |
| Hawaiian Beaches | 3 | 3,828 | 486 | 35 |
| Hilo | 249 | 792,491 | 83,458 | 3,863 |
| Holualoa | 14 | 22,105 | 1,687 | 77 |
| Kailua | 165 | 409,803 | 42,869 | 2,174 |
| Kalaoa | 23 | 147,713 | 11,327 | 346 |
| Waikoloa Village | 19 | 26,456 | 3,385 | 157 |
| Honolulu County | 3,065 | 8,816,634 | 880,174 | 41,968 |
| Ahuimanu | 6 | 15,842 | 1,358 | 82 |
| Aiea | 119 | 368,185 | 40,304 | 2,292 |
| Ewa Beach | 10 | 16,972 | 2,052 | 110 |
| Halawa | 23 | 20,135 | 2,771 | 125 |
| Hauula | 14 | 14,711 | 1,532 | 157 |
| Heeia | 3 | 402 | 61 | 4 |
| Honolulu | 2,088 | 5,375,770 | 534,189 | 25,050 |
| Kailua | 97 | 276,470 | 32,230 | 1,543 |
| Kaneohe | 111 | 386,227 | 40,319 | 1,841 |
| Laie | 7 | 16,106 | 1,809 | 110 |
| Maili | 7 | 6,329 | 512 | 30 |
| Maunawili | 6 | 7,180 | 451 | 34 |
| Mililani Town | 41 | 221,123 | 22,837 | 169 |
| Nanakuli | 11 | 23,480 | 1,896 | 109 |
| Pearl City | 44 | 372,240 | 26,067 | 1,333 |
| Pupukea | 5 | 13,320 | 1,448 | 70 |
| Schofield Barracks | 3 | 1,547 | 436 | 26 |
| Wahiawa | 37 | 94,355 | 8,535 | 419 |
| Waialua | 6 | 3,446 | 446 | 31 |
| Waianae | 21 | 74,924 | 7,568 | 450 |
| Waimalu | 58 | 206,585 | 24,433 | 833 |

Continued on next page.

Table 23.05-- RETAIL ESTABLISHMENTS (NAICS 44-45) WITH PAYROLL, FOR COUNTY AND SELECTED URBAN PLACE: 2002 -- Con.

| Geographic area | Number of establishments | Sales (\$1,000) | Annual payroll (\$1,000) | Paid employees for pay period including March 12 (number) |
|------------------------|---------------------------------|------------------------|---------------------------------|--|
| Honolulu County - Con. | | | | |
| Waimanalo | 9 | 15,580 | 2,057 | 84 |
| Waimanalo Beach | 6 | 6,070 | 585 | 32 |
| Waipahu | 110 | 588,471 | 49,549 | 1,971 |
| Waipio | 14 | 29,882 | 3,597 | 145 |
| Kauai County | 352 | 714,715 | 78,749 | 4,084 |
| Hanamaulu | 3 | 3,332 | 387 | 28 |
| Kalaheo | 11 | 6,654 | 778 | 59 |
| Kapaa | 67 | 137,703 | 14,772 | 730 |
| Lihue | 83 | 280,163 | 28,795 | 1,295 |
| Waimea | 27 | 69,217 | 7,615 | 342 |
| Maui County | 816 | 1,772,473 | 198,794 | 9,201 |
| Haiku-Pauwela | 11 | 7,202 | 1,046 | 59 |
| Island of Lanai | 11 | 14,540 | 2,197 | 105 |
| Island of Molokai 1/ | 5 | 4,161 | 487 | 36 |
| Kahului | 213 | 880,875 | 94,179 | 4,071 |
| Kaunakakai | 22 | 32,943 | 3,985 | 200 |
| Kihei | 65 | 183,662 | 16,143 | 884 |
| Lahaina | 198 | 253,968 | 32,133 | 1,531 |
| Makawao | 21 | 10,126 | 1,555 | 105 |
| Napili-Honokowai | 15 | 24,066 | 2,376 | 110 |
| Pukalani | 7 | 27,960 | 2,885 | 136 |
| Wailea-Makena | 60 | 74,342 | 11,529 | 556 |
| Wailuku | 59 | 94,711 | 11,129 | 525 |

1/ Balance of Molokai Island excluding Kaunakakai.

Source: U.S. Census Bureau, *2002 Economic Census, Retail Trade, Geographic Area Series, Hawaii*, EC02-44A-HI, (January 2005), tables 1, 3 and 4.

Table 23.06-- RETAIL ESTABLISHMENTS (NAICS 44-45) WITH PAYROLL, BY KIND OF BUSINESS: 2002

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| NAICS code | Kind of business | Number of establishments | Sales (\$1,000) | Annual payroll (\$1,000) | Paid employees 1/ |
|------------|---|--------------------------|-----------------|--------------------------|-------------------|
| 44-45 | Retail trade | 4,924 | 13,008,182 | 1,333,809 | 63,794 |
| 441 | Motor vehicle and parts dealers | 336 | 2,552,832 | 218,125 | 6,013 |
| 442 | Furniture and home furnishings stores | 189 | 258,702 | 38,995 | 1,440 |
| 443 | Electronics and appliance stores | 171 | 290,837 | 29,290 | 1,332 |
| 444 | Building material and garden equipment and supplies dealers | 255 | 748,447 | 90,904 | 3,605 |
| 445 | Food and beverage stores | 722 | 2,258,963 | 236,558 | 12,080 |
| 446 | Health and personal care stores | 295 | 961,240 | 100,170 | 4,915 |
| 447 | Gasoline stations | 324 | 778,401 | 53,129 | 3,443 |
| 448 | Clothing and clothing accessories stores | 1,239 | 1,506,061 | 190,245 | 10,753 |
| 451 | Sporting goods, hobby, book, and music stores | 330 | 359,850 | 46,009 | 2,935 |
| 452 | General merchandise stores | 107 | 2,568,623 | 244,563 | 11,633 |
| 453 | Miscellaneous store retailers | 809 | 560,414 | 85,053 | 4,751 |
| 454 | Nonstore retailers | 147 | 163,812 | 20,768 | 894 |

1/ For pay period including March 12.

Source: U.S. Census Bureau, *2002 Economic Census, Retail Trade, Geographic Area Series, Hawaii*, EC02-44A-HI, (January 2005), table 1.

**Table 23.07-- PRIVATE INDUSTRY RETAIL EMPLOYMENT AND WAGES,
ANNUAL AVERAGES (NAICS 44-45): 2006**

[Statistics based on the North American Industry Classification System (NAICS) which replace the Standard Industrial Classification (SIC) system

| NAICS code | Retail trade | Average establishments | Average employment | Total wages (\$1,000) | Wages per employee |
|------------|--|------------------------|--------------------|-----------------------|--------------------|
| | Total | 4,613 | 70,059 | 1,820,660 | 25,988 |
| 441 | Motor vehicle and parts dealers | 340 | 7,382 | 324,053 | 43,898 |
| 442 | Furniture and home furnishings stores | 201 | 1,829 | 61,168 | 33,451 |
| 4421 | Furniture stores | 85 | 840 | 29,905 | 35,619 |
| 44221 | Floor covering stores | 43 | 467 | 18,916 | 40,542 |
| 442291 | Window treatment stores | 10 | 49 | 1,666 | 34,053 |
| 442299 | All other home furnishings stores | 64 | 474 | 10,681 | 22,558 |
| 443 | Electronics and appliance stores | 141 | 1,696 | 46,094 | 27,186 |
| 443111 | Household appliance stores | 27 | 123 | 3,921 | 32,006 |
| 443112 | Radio, TV, and other electronics stores | 67 | 866 | 21,807 | 25,174 |
| 44312 | Computer and software stores | 37 | 640 | 19,034 | 29,734 |
| 44313 | Camera and photographic supplies stores | 11 | 67 | 1,332 | 20,000 |
| 444 | Building material and garden supply stores | 242 | 4,915 | 153,822 | 31,296 |
| 44411 | Home centers | 36 | 2,226 | 61,180 | 27,482 |
| 44412 | Paint and wallpaper stores | 20 | 135 | 5,985 | 44,360 |
| 44413 | Hardware stores | 59 | 1,377 | 37,795 | 27,446 |
| 44419 | Other building material dealers | 97 | 859 | 40,394 | 47,051 |
| 44421 | Outdoor power equipment stores | 7 | 50 | 1,625 | 32,555 |
| 44422 | Nursery, garden, and farm supply stores | 23 | 268 | 6,843 | 25,493 |
| 445 | Food and beverage stores | 598 | 12,789 | 296,939 | 23,219 |
| 44511 | Supermarkets and other grocery stores | 224 | 9,235 | 224,486 | 24,307 |
| 44512 | Convenience stores | 131 | 1,436 | 25,470 | 17,735 |
| 44521 | Meat markets | 29 | 217 | 5,469 | 25,263 |
| 44522 | Fish and seafood markets | 39 | 461 | 11,152 | 24,173 |
| 44523 | Fruit and vegetable markets | 23 | 139 | 2,645 | 19,032 |
| 445291 | Baked goods stores | 16 | 101 | 2,849 | 28,347 |
| 445292 | Confectionery and nut stores | 33 | 346 | 7,164 | 20,726 |
| 445299 | All other specialty food stores | 48 | 640 | 13,774 | 21,508 |
| 4453 | Beer, wine, and liquor stores | 56 | 214 | 3,929 | 18,382 |
| 446 | Health and personal care stores | 336 | 5,267 | 156,189 | 29,653 |
| 44611 | Pharmacies and drug stores | 165 | 3,778 | 119,592 | 31,652 |
| 44612 | Cosmetic and beauty supply stores | 62 | 591 | 13,406 | 22,677 |
| 44613 | Optical goods stores | 35 | 371 | 8,936 | 24,080 |
| 446191 | Food, health, supplement stores | 44 | 310 | 6,385 | 20,615 |
| 446199 | All other health and personal care stores | 29 | 217 | 7,870 | 36,293 |
| 447 | Gasoline stations | 228 | 2,668 | 54,732 | 20,512 |
| 44711 | Gasoline stations with convenience stores | 172 | 2,156 | 44,010 | 20,413 |
| 44719 | Other gasoline stations | 56 | 512 | 10,722 | 20,932 |

Continued on next page.

**Table 23.07-- PRIVATE INDUSTRY RETAIL EMPLOYMENT AND WAGES,
ANNUAL AVERAGES: 2006 -- Con.**

| NAICS code | Retail trade | Average establishments | Average employment | Total wages (\$1,000) | Wages per employee |
|-------------------|--|-------------------------------|---------------------------|------------------------------|---------------------------|
| 448 | Clothing and clothing accessories stores | 1,154 | 11,501 | 240,584 | 20,919 |
| 44811 | Men's clothing stores | 72 | 949 | 16,607 | 17,495 |
| 44812 | Women's clothing stores | 233 | 2,721 | 54,885 | 20,169 |
| 44813 | Children's and infant's clothing stores | 17 | 190 | 2,271 | 11,982 |
| 44814 | Family clothing stores | 95 | 2,317 | 34,935 | 15,077 |
| 44815 | Clothing accessories stores | 75 | 703 | 20,228 | 28,787 |
| 44819 | Other clothing stores | 171 | 1,168 | 19,151 | 16,404 |
| 4482 | Shoe stores | 108 | 1,099 | 21,468 | 19,527 |
| 44831 | Jewelry stores | 364 | 2,020 | 60,701 | 30,047 |
| 44832 | Luggage and leather goods stores | 19 | 334 | 10,339 | 30,954 |
| 451 | Sporting goods, hobby, book and music stores | 341 | 3,412 | 62,152 | 18,215 |
| 45111 | Sporting goods stores | 180 | 1,534 | 31,050 | 20,236 |
| 45112 | Hobby, toy, and game stores | 44 | 550 | 7,903 | 14,362 |
| 45113 | Sewing, needlework, and piece goods stores | 15 | 132 | 2,743 | 20,861 |
| 45114 | Musical instrument and supplies stores | 22 | 124 | 2,519 | 20,354 |
| 45121 | Book stores and news dealers | 53 | 841 | 14,388 | 17,111 |
| 45122 | Prerecorded tape, CD, and record stores | 27 | 231 | 3,549 | 15,342 |
| 452 | General merchandise stores | 127 | 12,338 | 274,892 | 22,280 |
| 452111 | Department stores, except discount | 24 | 3,902 | 76,331 | 19,561 |
| 452112 | Discount department stores | 28 | 5,280 | 109,795 | 20,793 |
| 45291 | Warehouse clubs and supercenters | 10 | 2,349 | 75,523 | 32,151 |
| 45299 | All other general merchandise stores | 65 | 806 | 13,244 | 16,427 |
| 453 | Miscellaneous store retailers | 813 | 5,964 | 140,823 | 23,611 |
| 4531 | Florists | 100 | 519 | 8,384 | 16,150 |
| 45321 | Office supplies and stationery stores | 58 | 825 | 22,827 | 27,680 |
| 45322 | Gift, novelty, and souvenir stores | 352 | 2,735 | 62,792 | 22,961 |
| 4533 | Used merchandise stores | 51 | 438 | 8,432 | 19,241 |
| 45391 | Pet and pet supplies stores | 39 | (D) | (D) | (D) |
| 45392 | Art dealers | 126 | 606 | 20,328 | 33,531 |
| 453991 | Tobacco stores | 8 | 26 | 533 | 20,784 |
| 453998 | Store retailers not specified elsewhere | 78 | 486 | 11,921 | 24,547 |
| 454 | Nonstore retailers | 95 | 299 | 9,212 | 30,834 |

D Data do not meet BLS or State agency disclosure standards.

Source: U.S. Department of Labor, *Employment and Wages Annual Averages 2006*, table 10, <<http://www.bls.gov/cew/>> accessed April 2, 2008.

**Table 23.08-- RETAIL TRADE AND FOOD SERVICES SALES, BY
TYPE OF STORE: 2006**

[In millions of dollars; data are estimates. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system. Under NAICS classification, food service & drinking establishments are no longer included in retail trade]

| Kind of store | NAICS code | 2006 |
|---|-----------------------|------------------|
| All retail stores 1/ Total Retail sales and food and drink | 44, 45 44, 45, 722 | 22,251 25,969 |
| Motor vehicle and parts dealers | 441 | 4,120 |
| Furniture and home furnishings | 442 | 595 |
| Electronics and appliances | 443 | 487 |
| Building material and garden equipment and supply dealers | 444 | 2,089 |
| Food and beverage stores | 445 | 3,363 |
| Health and personal care | 446 | 1,395 |
| Gasoline stations | 447 | 1,816 |
| Clothing and clothing accessories | 448 | 2,846 |
| Sporting goods, hobby, book, & music stores | 451 | 549 |
| General merchandise | 452 | 3,642 |
| Miscellaneous store | 453 | 992 |
| Nonstore retailers | 454 | 357 |
| Food services & drinking places | 722 | 3,718 |

1/ Includes other types of stores, not shown separately.

Source: Market Statistics (a division of Claritas Inc., Arlington VA), *The Survey of Buying Power Data Service*, annual, estimates cited in U.S. Census Bureau, *Statistical Abstract of the United States: 2008*, pp. 654-655.

Table 23.09-- CHARACTERISTICS OF MAJOR SHOPPING CENTERS: 2002

[Includes all centers on Oahu with more than 250,000 square feet of gross leaseable area and all centers on other islands with more than 150,000 square feet]

| Island and name of center | Location | Year opened | Site area (acres) | Gross leaseable area (1,000 square feet) | Parking spaces | Number of stores |
|----------------------------------|-----------------|--------------------|--------------------------|---|-----------------------|-------------------------|
| Oahu: | | | | | | |
| Ala Moana Center | Honolulu | 1959 | 50 | 1,800 | 9,000 | 230 |
| Kahala Mall | Honolulu | 1970 | 20 | 455 | 2100+ | 100 |
| Koko Marina S.C. | Honolulu | 1963 | 15 | 283 | 861 | 58 |
| Moanalua S.C. | Honolulu | 1952 | 15 | 250 | 500 | 50+ |
| Pearl City S.C. | Pearl City | 1967 | 14 | 255 | 837 | 34 |
| Pearl Highlands Center | Pearl City | 1993 | 13 | 410 | 2,000 | 24 |
| Pearlridge Center | Aiea | 1972 | 56 | 1,400 | 6,580 | 170 |
| Royal Hawaiian S.C. | Honolulu | 1980 | 7 | 293 | 614 | 150 |
| Town Center of Mililani | Mililani | 1987 | 45 | 489 | 2,502 | 70+ |
| Victoria Ward Center | Honolulu | 1980 | 65 | 650 | 1,200 | 165 |
| Waikele Center | Waipahu | 1993 | 42 | 522 | 2,162 | 25 |
| Windward Mall S.C. | Kaneohe | 1982 | 32 | 530 | 2,300 | 100 |
| Hawaii: | | | | | | |
| Keauhou Shopping Center | Kailua | 1984 | 21 | 170 | 893 | 48 |
| Prince Kuhio Plaza | Hilo | 1985 | 46 | 504 | 2,831 | 75 |
| Waiakea Center | Hilo | 1997 | 18 | 229 | 1,157 | 16 |
| Maui: | | | | | | |
| Lahaina Market Place | Lahaina | 1969 | 2 | 208 | 16 | 17 |
| Maui Mall | Kahului | 1971 | 25 | 193 | 700 | 43 |
| Maui Marketplace | Kahului | 1997 | 20 | 315 | 1,400 | 25 |
| Piilani Village S.C. | Kihei | 2000 | 15 | 150 | 750 | 30 |
| Queen Kaahumanu Center | Kahului | 1972 | 32 | 573 | 2,864 | 102 |
| Shops at Wailea | Wailea | 2000 | 16 | 161 | 900 | 62 |
| Kauai: | | | | | | |
| Kukui Grove Center | Lihue | 1982 | 35 | 315 | 1,568 | 60 |

Source: International Council of Shopping Centers, Hawaii Council of Shopping Centers, 2002 *Hawaii Council of Shopping Centers Directory*.

Table 23.10-- CHARACTERISTICS OF SHOPPING MALLS: 2001 AND 2002

| Subject | Hawaii | | United States |
|---|--------|-------|---------------|
| | 2001 | 2002 | 2002 |
| Number of shopping centers | 190 | 192 | 46,438 |
| Retail sales (billions of dollars) | 3.9 | 4.1 | 1,245.6 |
| Adults shopping in centers (monthly in millions) | 0.9 | 0.9 | 201.4 |
| Employment in shopping centers (in thousands) | 31.7 | 30.6 | 10,743.0 |
| Sales tax revenues from shopping centers (in millions) | 159.4 | 166.9 | 53,100.0 |

Source: International Council of Shopping Centers, 2003 State Card (Hawaii).

Table 23.11-- SHOPPING CENTER CHARACTERISTICS: 2002 TO 2005

| Characteristic | 2002 | 2003 | 2004 | 2005 |
|---|-------------|-------------|-------------|-------------|
| Gross leasable area (million square feet) | 20 | 21 | 21 | 21 |
| Retail sales (billion dollars) | 5.7 | 6.1 | 6.7 | 7.4 |
| Retail sales per square foot (dollars) | 279 | 297 | 321 | 346 |

Source: U.S. Census Bureau, *Statistical Abstract of the United States: 2008* (p. 658) and earlier editions, see also <<http://www.census.gov/compendia/statab/>> accessed January 7, 2008.

Table 23.12-- CHARACTERISTICS OF EATING AND DRINKING PLACES: 2002

[Includes only establishments of firms with payroll]

| Subject | Full-service restaurants | Limited-service restaurants | Cafeterias, buffets, and grill buffets | Drinking Places (alcoholic beverages) |
|---|---------------------------------|------------------------------------|---|--|
| Establishments in business at end of year | 994 | 1,067 | 12 | 238 |
| Sales, calendar year (million dollars) | 1185.6 | 751.3 | 12.5 | 102.1 |
| Seats, Dec. 31 | 98,321 | 61,206 | 1,494 | 10,269 |
| Average cost per meal (establishments): | | | | |
| Less than \$2.00 | - | 1 | - | (X) |
| \$2.00 to \$4.99 | 21 | 204 | - | (X) |
| \$5.00 to \$6.99 | 62 | 660 | - | (X) |
| \$7.00 to \$9.99 | 411 | 120 | - | (X) |
| \$10.00 to \$14.99 | 146 | 113 | - | (X) |
| \$15.00 to \$19.99 | 143 | 47 | 13 | (X) |
| \$20.00 to \$29.99 | 110 | - | - | (X) |
| \$30.00 or more | 188 | - | - | (X) |
| Menu type or specialty (establishments): | | | | |
| Italian | 125 | 78 | - | (X) |
| Mexican | 45 | 50 | - | (X) |
| Chinese | 68 | 225 | - | (X) |
| Other ethnic | 269 | 216 | 13 | (X) |
| Seafood | 76 | 1 | - | (X) |
| Steak | 45 | 8 | - | (X) |
| Pizza | 203 | 90 | - | (X) |
| Chicken | - | 1 | - | (X) |
| Hamburger | 10 | 172 | - | (X) |
| Sandwich (Sub shop) | - | 121 | - | (X) |
| Other food specialty | 12 | 31 | - | (X) |
| Establishments with no food specialty | 228 | 152 | - | (X) |

X Not applicable.

Source: U.S. Census Bureau, *2002 Economic Census, Accommodation and Food Services, Subject Series, EC02-72SX-SB* (December 2005), pp. 3, 16, 34 and 49.

Table 23.13-- DUTY-FREE STORE REVENUES: 1985 TO 2007

[In dollars. These sales revenues are not included in the general excise and use tax base data cited elsewhere in this volume]

| Year | Revenues | Year | Revenues |
|-------------|-----------------|-------------|-----------------|
| 1985 | 180,126,919 | 1997 | 355,636,355 |
| 1986 | 270,891,959 | 1998 | 271,692,798 |
| 1987 | 369,788,429 | 1999 | 192,429,772 |
| 1988 | 445,072,755 | 2000 | 229,392,900 |
| 1989 | 451,185,041 | 2001 | 215,257,193 |
| 1990 | 413,932,037 | 2002 | 149,962,722 |
| 1991 | 378,587,469 | 2003 | 158,854,936 |
| 1992 | 421,953,644 | 2004 | 168,305,421 |
| 1993 | 397,322,968 | 2005 | 189,517,794 |
| 1994 | 413,417,555 | 2006 | 174,632,693 |
| 1995 | 419,548,514 | 2007 | 147,125,047 |
| 1996 | 425,824,748 | | |

Source: DFS Hawaii, records; for 1995-2006 data Hawaii State Department of Transportation, Airport Division, records.

Table 23.14-- ALCOHOLIC BEVERAGE SALES, BY TYPE: 2005 TO 2007

[Fiscal year ending June 30]

| Category | Wine gallons of 128 fluid ounces | | | Wholesale value, 2007 (dollars) |
|-----------------------|----------------------------------|------------|------------|---------------------------------|
| | 2005 | 2006 | 2007 | |
| All types | 36,290,151 | 36,970,982 | 37,273,879 | 491,912,034 |
| Distilled spirits | 1,785,701 | 1,985,998 | 2,025,171 | 111,798,535 |
| Sparkling wine | 243,292 | 258,108 | 273,728 | 17,198,346 |
| Still wine | 3,342,544 | 3,552,543 | 3,674,139 | 129,947,916 |
| Cooler beverage | 505,850 | 459,835 | 401,978 | 4,748,629 |
| Draft beer | 2,568,092 | 2,706,714 | 2,724,226 | 16,197,750 |
| Beer other than draft | 27,844,672 | 28,007,784 | 28,174,637 | 212,020,858 |

Source: Hawaii State Department of Taxation, Tax Research and Planning, records.

**Table 23.15-- PRODUCT LINE SALES FOR RETAIL TRADE
(NAICS 44-45): 2002**

| Products and services code | Meaning of products and services code | Number of establishments | Sales (\$1,000) | Line sales as % of sales of establishments with line | Line sales as % of total sales of NAICS |
|-----------------------------------|---|---------------------------------|------------------------|---|--|
| 20000 | Industry total | 4,924 | 13,008,182 | (X) | 100.0 |
| 20100 | Groceries & other food for human consumption off the premises | 1,288 | 2,275,025 | 37.3 | 17.5 |
| 20120 | Meals, unpack snacks, sandwiches, etc for immediate consumption | 538 | 138,395 | 4.7 | 1.1 |
| 20140 | Packaged liquor, wine, & beer | 733 | 311,171 | 7.0 | 2.4 |
| 20150 | Cigars, cigarettes, etc & smokers' access, excluding sls from vending | 871 | 242,454 | 4.7 | 1.9 |
| 20160 | Drugs, health aids, beauty aids, including cosmetics | 958 | 1,010,043 | 16.7 | 7.8 |
| 20180 | Soaps, detergents, & household cleaners | 530 | 119,128 | 2.5 | 0.9 |
| 20190 | Paper & related products, including paper towels, toilet tissue, wraps, etc | 558 | 106,507 | 2.3 | 0.8 |
| 20200 | Men's wear | 763 | 377,927 | 10.4 | 2.9 |
| 20220 | Women's, juniors', & misses' wear | 1,085 | 762,169 | 16.3 | 5.9 |
| 20240 | Children's wear, including boys, girls, & infants & toddlers | 416 | 148,437 | 6.6 | 1.1 |
| 20260 | Footwear, including accessories | 558 | 216,447 | 8.2 | 1.7 |
| 20270 | Sewing, knitting materials & supplies, needlework goods | 79 | 20,479 | 1.6 | 0.2 |
| 20280 | Curtains, draperies, blinds, slipcovers, bed & table coverings | 166 | 83,622 | 3.0 | 0.6 |
| 20300 | Major household appliances | 146 | 130,559 | 6.0 | 1.0 |
| 20310 | Small electric appliances & personal care appliances | 135 | 27,180 | 1.1 | 0.2 |
| 20320 | TVs, video recorders, video cameras, video tapes, DVDs, etc | 259 | 157,918 | 6.7 | 1.2 |
| 20330 | Audio equipment, musical instruments, radios, stereos, CDs, records, etc | 294 | 131,751 | 4.8 | 1.0 |
| 20340 | Furniture, sleep equipment & outdoor/patio furniture | 297 | 203,455 | 7.2 | 1.6 |
| 20360 | Flooring & floor coverings | 135 | 89,975 | 9.7 | 0.7 |
| 20370 | Computer hardware, software, & supplies | 129 | 155,467 | 8.2 | 1.2 |
| 20380 | Kitchenware & home furnishings | 609 | 178,537 | 3.7 | 1.4 |

Continued on next page.

**Table 23.15-- PRODUCT LINE SALES FOR RETAIL TRADE
(NAICS 44-45): 2002 -- Con.**

| Products and services code | Meaning of products and services code | Number of establishments | Sales (\$1,000) | Line sales as % of sales of establishments with line | Line sales as % of total sales of NAICS |
|-----------------------------------|--|---------------------------------|------------------------|---|--|
| 20400 | Jewelry, including watches, watch attach, novelty jewelry, etc | 1,004 | 477,049 | 13.9 | 3.7 |
| 20420 | Books | 308 | 89,694 | 4.3 | 0.7 |
| 20440 | Photographic equipment & supplies | 137 | 48,654 | 1.7 | 0.4 |
| 20460 | Toys, hobby goods, & games | 408 | 161,957 | 4.5 | 1.2 |
| 20490 | Optical goods, including eyeglasses, contact lenses, sunglasses, etc | 228 | 48,135 | 2.3 | 0.4 |
| 20500 | Sporting goods | 387 | 174,278 | 6.3 | 1.3 |
| 20580 | RVs, including camping trailers, travel trailers, truck campers, etc | 8 | 2,066 | 5.1 | 1/ |
| 20600 | Hardware, tools, & plumbing & electrical supplies | 296 | 264,122 | 7.4 | 2.0 |
| 20620 | Lawn, garden, & farm equipment & supplies | 395 | 197,866 | 5.0 | 1.5 |
| 20640 | Dimensional lumber & other building/ structural materials & supplies | 154 | 244,128 | 40.6 | 1.9 |
| 20670 | Paint & sundries | 147 | 81,765 | 5.6 | 0.6 |
| 20690 | Wallpaper & other flexible wallcoverings | 13 | 232 | 0.3 | 1/ |
| 20700 | Automobiles, cars, vans, trucks, motorcycles, motor scooters, etc | 126 | 2,039,901 | 87.3 | 15.7 |
| 20720 | Automotive fuels | 332 | 521,054 | 38.2 | 4.0 |
| 20730 | Automotive lubricants, including oil, greases, etc | 355 | 21,823 | 1.0 | 0.2 |
| 20740 | Automotive tires, tubes, batteries, parts, accessories | 452 | 289,343 | 7.1 | 2.2 |
| 20780 | Household fuels, including oil, LP gas, wood, coal | 88 | 75,904 | 7.6 | 0.6 |
| 20800 | Pets, pet foods, & pet supplies | 247 | 74,084 | 2.4 | 0.6 |
| 20850 | All other merchandise | 1,698 | 716,829 | 12.3 | 5.5 |
| 29810 | All other merchandise | 687 | 221,639 | 5.2 | 1.7 |
| 29900 | All nonmerchandise receipts | 963 | 370,621 | 5.9 | 2.8 |

X Not applicable.

1/ Less than half the unit shown.

Source: U.S. Census Bureau, Economic Census 2002, Subject series: Product lines, extracted from American FactFinder, <http://factfinder.census.gov/home/saff/main.html?_lang=en> accessed March 14, 2006.

**Table 23.16-- WHOLESALE TRADE ESTABLISHMENTS AND SALES
(NAICS 42): 1939 TO 2002**

[Based on then-current definition]

| Year | Number of establishments (number) | Sales (\$1,000) | Year | Number of establishments (number) | Sales (\$1,000) |
|------|-----------------------------------|-----------------|------|-----------------------------------|-----------------|
| 1939 | 704 | 97,045 | 1977 | 1,569 | 2,571,489 |
| 1948 | 702 | 480,734 | 1982 | 1,737 | 4,084,369 |
| 1954 | 594 | 581,940 | 1987 | 1,998 | 5,362,490 |
| 1958 | 793 | 618,155 | 1992 | 2,202 | 8,001,621 |
| 1963 | 974 | 735,205 | 1997 | 1,872 | 7,147,462 |
| 1967 | 1,030 | 1,013,813 | 2002 | 1,876 | 9,986,355 |
| 1972 | 1,336 | 1,538,429 | | | |

Source: Robert C. Schmitt, *Historical Statistics of Hawaii* (1977), table 20.7; U.S. Census Bureau, *1977 Census of Wholesale Trade*, WC77-A-12 (Rev.), *1982 Census of Wholesale Trade*, WC82-A-12, *1987 Census of Wholesale Trade*, WC87-A-12, and *1992 Census of Wholesale Trade*, WC92-A-12, *1997 Economic Census, Wholesale Trade, Hawaii*, EC97W42A-HI(RV) (March 2000), table1, *2002 Economic Census, Wholesale Trade, Geographic Area Series, Hawaii*, EC02-42A-HI (March 2005), table1a.

**Table 23.17-- CHARACTERISTICS OF WHOLESALE ESTABLISHMENTS
(NAICS 42), BY BROAD GEOGRAPHIC AREA: 2002**

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| Subject | State total | Oahu | Neighbor Islands |
|--|--------------------|-------------|-------------------------|
| Number of establishments | 1,876 | 1,446 | 430 |
| Sales (\$1,000) | 9,986,355 | 8,579,151 | 1,407,204 |
| Annual payroll (\$1,000) | 683,396 | 583,575 | 99,821 |
| First quarter payroll (\$1,000) | 164,694 | 141,182 | 23,512 |
| Paid employees for pay period including March 12 (number) | 19,412 | 16,097 | 3,315 |
| Operating expenses (\$1,000) | 1,305,703 | 1,106,610 | 199,093 |
| Inventories (\$1,000): | | | |
| Beginning of year | 888,611 | 768,724 | 119,887 |
| End of year | 927,869 | 805,470 | 122,399 |

Source: U.S. Census Bureau, *2002 Economic Census, Wholesale Trade, Geographic Area Series, Hawaii*, EC02-42A-HI (March 2005), tables 1a and 3a.

Table 23.18-- WHOLESALE TRADE (NAICS 42), BY TYPE OF OPERATION AND KIND OF BUSINESS: 2002

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| NAICS codes | Type of operation and kind of business | Number of establishments (number) | Sales (\$1,000) | Annual payroll (\$1000) | Paid employees, pay period including March 12 (number) |
|-------------|---|-----------------------------------|-----------------|-------------------------|--|
| 42 | Wholesale trade | 1,876 | 9,986,355 | 683,396 | 19,412 |
| | Type of operation: | | | | |
| | Merchant wholesalers | 1,691 | 6,664,459 | 556,839 | 17,044 |
| | Manufacturers' sales branches and sales offices | 89 | (D) | (D) | (1/) |
| | Agents, brokers, and commission merchants | 96 | (D) | (D) | (2/) |
| | Kind of business: | | | | |
| 4231 | Motor vehicles and motor vehicle parts and supplies | 81 | 716,918 | 34,210 | 1,005 |
| 4232 | Furniture and home furnishings | 52 | 106,455 | 13,065 | 391 |
| 4233 | Lumber and other construction materials | 83 | 380,454 | 27,677 | 753 |
| 4234 | Professional and commercial equipment and supplies | 127 | 607,673 | 95,599 | 1,739 |
| 4235 | Metals and minerals, except petroleum | 18 | (D) | (D) | (3/) |
| 4236 | Electrical and electrical goods | 103 | 545,247 | 37,263 | 878 |
| 4237 | Hardware, and plumbing and heating equipment and supplies | 73 | 206,004 | 23,882 | 579 |
| 4238 | Machinery, equipment, and supplies | 122 | 319,604 | 37,796 | 1,072 |
| 4239 | Miscellaneous durable goods | 202 | (D) | (D) | (1/) |
| 4241 | Paper and paper products | 83 | 258,639 | 30,604 | 853 |
| 4242 | Drugs and druggists' sundries | 54 | 867,098 | 23,920 | 750 |
| 4243 | Apparel, piece goods, and notions | 129 | 208,933 | 22,124 | 739 |
| 4244 | Grocery and related products | 366 | 2,163,884 | 160,050 | 5,526 |
| 4245 | Farm product raw materials | 3 | (D) | (D) | (4/) |
| 4246 | Chemical and allied products | 40 | 153,277 | 22,614 | 488 |
| 4247 | Petroleum and petroleum products | 25 | 1,372,811 | 9,493 | 193 |
| 4248 | Beer, wine, and distilled alcoholic beverages | 28 | (D) | (D) | (2/) |
| 4249 | Miscellaneous nondurable goods | 191 | (D) | (D) | (1/) |

Continued on next page.

Table 23.18-- WHOLESALE TRADE (NAICS 42), BY TYPE OF OPERATION AND KIND OF BUSINESS: 2002 -- Con.

| NAICS codes | Type of operation and kind of business | Number of establishments (number) | Sales (\$1,000) | Annual payroll (\$1000) | Paid employees, pay period including March 12 (number) |
|--------------------|---|--|------------------------|--------------------------------|---|
| 4251 | Wholesale electronic markets and agents and brokers | 96 | (D) | (D) | (2/) |

D Withheld to avoid disclosing data for individual companies.

1/ 1,000 to 2,499 employees.

2/ 500 to 999 employees.

3/ 100 to 249 employees.

4/ 0 to 19 employees.

Source: U.S. Census Bureau, *2002 Economic Census, Wholesale Trade, Geographic Area Series, Hawaii*, EC97-42A-HI (March 2005), table 1a.

Table 23.19-- WHOLESALE TRADE (NAICS 42), FOR COUNTY AND SELECTED URBAN PLACE: 2002

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| Geographic area | Number of establishments (number) | Sales (\$1,000) | Annual payroll (\$1,000) | Paid employees for pay period including March 12 (number) |
|------------------------|--|------------------------|---------------------------------|--|
| State total | 1,876 | 9,986,355 | 683,396 | 19,412 |
| Hawaii County | 183 | 605,605 | 42,646 | 1,434 |
| Hilo | 79 | 380,573 | 23,276 | 781 |
| Kailua | 27 | 76,298 | 5,428 | 142 |
| Kalaoa | 22 | 66,296 | 5,395 | 151 |
| Honolulu County | 1,446 | 8,579,151 | 583,575 | 16,097 |
| Aiea | 18 | 35,137 | 3,958 | 97 |
| Halawa | 38 | 225,116 | 17,372 | 504 |
| Honolulu | 1,053 | 6,502,118 | 427,745 | 11,679 |
| Kailua | 37 | 61,479 | 4,258 | 129 |
| Kaneohe | 14 | 15,648 | 1,309 | 42 |
| Mililani Town | 10 | 4,179 | 372 | 10 |
| Pearl City | 30 | 135,268 | 10,811 | 294 |
| Waimalu | 32 | 202,038 | 10,592 | 374 |
| Waipahu | 36 | 178,479 | 19,571 | 592 |
| Waipio | 27 | 309,712 | 27,172 | 631 |
| Kauai County | 78 | 238,711 | 16,505 | 568 |
| Lihue | 42 | 154,146 | 12,208 | 395 |
| Maui County | 169 | 562,888 | 40,670 | 1,313 |
| Kahului | 52 | 329,452 | 19,396 | 516 |
| Kihei | 7 | 10,906 | 800 | 37 |
| Wailuku | 46 | 151,264 | 13,125 | 480 |

Source: U.S. Census Bureau, *2002 Economic Census, Wholesale Trade, Geographic Area Series, Hawaii*, EC02-42A-HI (March 2005), tables 1a, 3a and 4a.

Table 23.20-- PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES ESTABLISHMENTS (NAICS 54), FOR COUNTY AND SELECTED URBAN PLACE: 2002

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| Geographic area | Establishments (number) | Receipts/ revenue (\$1,000) | Annual payroll (\$1,000) | Paid employees, pay period including March 12 (number) |
|------------------------|------------------------------------|--|-------------------------------------|---|
| State total | 2,982 | 2,290,675 | 882,817 | 21,208 |
| Hawaii County | 298 | 155,259 | 68,118 | 2,173 |
| Hilo | 123 | 65,841 | 21,656 | 665 |
| Holualoa | 15 | 3,177 | 928 | 42 |
| Kalaoa | 15 | 3,778 | 1,025 | 77 |
| Honolulu County | 2,251 | 1,967,054 | 755,026 | 17,183 |
| Ahuimanu | 7 | 939 | 219 | 10 |
| Aiea | 16 | 8,940 | 4,098 | 151 |
| Ewa Beach | 3 | 482 | 126 | 18 |
| Halawa | 19 | 9,138 | 3,529 | 75 |
| Heeia | 6 | 558 | 194 | 13 |
| Honolulu | 1,838 | 1,711,390 | 658,894 | 14,382 |
| Kailua | 77 | 49,516 | 20,159 | 555 |
| Kaneohe | 44 | 13,641 | 4,738 | 199 |
| Makakilo City | 4 | 763 | 252 | 10 |
| Maunawili | 7 | 457 | 166 | 6 |
| Mililani Town | 20 | 5,861 | 1,753 | 80 |
| Pearl City | 12 | 4,821 | 2,095 | 69 |
| Pupukea | 4 | 478 | 111 | 2 |
| Village Park | 4 | 753 | 173 | 5 |
| Wahiawa | 16 | 10,088 | 3,372 | 86 |
| Waianae | 8 | 2,670 | 1,075 | 57 |
| Waimalu | 29 | 15,270 | 5,559 | 220 |
| Waimanalo Beach | 6 | 19,459 | 8,216 | 154 |
| Waipahu | 12 | 5,285 | 1,816 | 119 |
| Waipio | 16 | 10,871 | 4,385 | 1,075 |
| Kauai County | 123 | 42,272 | 15,325 | 518 |
| Kalaheo | 7 | 1,671 | 582 | 29 |
| Kapaa | 16 | 7,572 | 2,881 | 142 |
| Lihue | 35 | 11,649 | 4,033 | 110 |
| Waimea | 19 | 24,921 | 13,107 | 220 |

Continued on next page.

**Table 23.20-- PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES
ESTABLISHMENTS (NAICS 54), FOR COUNTY AND SELECTED
URBAN PLACE: 2002 -- Con.**

| Geographic area | Establishments (number) | Receipts/ revenue (\$1,000) | Annual payroll (\$1,000) | Paid employees, pay period including March 12 (number) |
|------------------------|------------------------------------|--|-------------------------------------|---|
| Maui County | 310 | 126,090 | 44,348 | 1,334 |
| Haiku-Pauwela | 10 | 1,992 | 279 | 12 |
| Kahului | 36 | 16,095 | 5,964 | 213 |
| Kihei | 41 | 16,541 | 5,163 | 126 |
| Makawao | 14 | 4,827 | 1,892 | 107 |
| Pukalani | 10 | 5,079 | 2,913 | 79 |
| Wailea-Makena | 14 | 3,282 | 815 | 30 |
| Wailuku | 116 | 57,996 | 19,826 | 504 |

Source: U.S. Census Bureau, *2002 Economic Census, Professional, Scientific, and Technical Services, Geographic Area Series, Hawaii* EC02-54A-HI (March 2005), table 1, 3, and 4.

Table 23.21-- ADMINISTRATIVE AND SUPPORT AND WASTE MANAGEMENT AND REMEDIATION SERVICES ESTABLISHMENTS (NAICS 56), FOR COUNTY AND SELECTED URBAN PLACE: 2002

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| Geographic area | Establishments (number) | Receipts (\$1,000) | Annual payroll (\$1,000) | Paid employees for pay period including March 12 (number) |
|------------------------|------------------------------------|-------------------------------|-------------------------------------|--|
| State total | 1,704 | 1,633,312 | 706,425 | 31,921 |
| Hawaii County | 194 | 120,670 | 60,343 | 2,730 |
| Hilo | 57 | 40,338 | 19,380 | 1,032 |
| Kailua | 49 | 51,464 | 30,465 | 1,147 |
| Kalaoa | 15 | 6,610 | 2,335 | 90 |
| Waikoloa Village | 8 | 2,013 | 594 | 37 |
| Honolulu County | 1,145 | 1,236,434 | 553,470 | 24,548 |
| Ahuimanu | 3 | 489 | 168 | 20 |
| Aiea | 15 | 5,104 | 2,128 | 126 |
| Ewa Beach | 6 | 730 | 254 | 17 |
| Halawa | 18 | 14,050 | 4,624 | 182 |
| Hauula | 3 | 647 | 190 | 14 |
| Honolulu | 787 | 935,775 | 464,904 | 20,723 |
| Kahaluu | 5 | 1,858 | 866 | 28 |
| Kailua | 36 | 9,783 | 3,439 | 153 |
| Kaneohe | 30 | 7,815 | 1,998 | 147 |
| Kaneohe Station | 3 | 1,234 | 534 | 23 |
| Makaha | 3 | 158 | 64 | 18 |
| Mililani Town | 14 | 5,043 | 1,573 | 74 |
| Pearl City | 24 | 28,871 | 10,789 | 496 |
| Village Park | 4 | 369 | 105 | 15 |
| Wahiawa | 12 | 9,203 | 3,153 | 97 |
| Waianae | 6 | 1,056 | 408 | 22 |
| Waimalu | 23 | 21,868 | 10,678 | 558 |
| Waipahu | 29 | 18,498 | 7,204 | 363 |
| Kauai County | 98 | 45,865 | 16,265 | 868 |
| Kekaha | 3 | 1,889 | 303 | 15 |
| Lihue | 26 | 14,951 | 4,397 | 219 |
| Wailua Homesteads | 5 | 2,647 | 895 | 38 |
| Maui County | 267 | 230,343 | 76,347 | 3,775 |
| Haiku-Pauwela | 9 | 4,055 | 1,139 | 75 |
| Kahului | 52 | 61,899 | 26,387 | 1,618 |

Continued on next page.

Table 23.21-- ADMINISTRATIVE AND SUPPORT AND WASTE MANAGEMENT AND REMEDIATION SERVICES ESTABLISHMENTS (NAICS 56), FOR COUNTY AND SELECTED URBAN PLACE: 2002 -- Con.

| Geographic area | Establishments (number) | Receipts (\$1,000) | Annual payroll (\$1,000) | Paid employees, pay period including March 12 |
|------------------------|------------------------------------|-------------------------------|-------------------------------------|--|
| Maui County - Con. | | | | |
| Kihei | 49 | 13,175 | 3,792 | 163 |
| Lahaina | 30 | 26,275 | 8,169 | 420 |
| Pukalani | 7 | 14,296 | 8,495 | 267 |
| Wailuku | 42 | 31,474 | 11,466 | 768 |

Source: U.S. Census Bureau, *2002 Economic Census, Administrative and Support and Waste Management and Remediation Services, Geographic Area Series, Hawaii* EC02-56A-HI (March 2005), tables 1, 3, and 4.

**Table 23.22-- EDUCATIONAL SERVICES ESTABLISHMENTS (NAICS 61),
FOR COUNTY AND SELECTED URBAN PLACE: 2002**

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| Geographic area | Establishments (number) | Receipts/ revenue (\$1,000) | Annual payroll (\$1,000) | Paid employees for pay period including March 12 (number) |
|------------------------|------------------------------------|--|-------------------------------------|--|
| State total | 304 | 107,844 | 36,538 | 1,942 |
| Hawaii County | 29 | 6,178 | 1,913 | 120 |
| Hilo | 5 | 537 | 193 | 24 |
| Kailua | 8 | 4,245 | 1,310 | 54 |
| Honolulu County | 215 | 84,951 | 28,948 | 1,542 |
| Aiea | 5 | 1,585 | 561 | 33 |
| Honolulu | 147 | 69,254 | 24,259 | 1,132 |
| Kailua | 9 | 3,259 | 1,159 | 52 |
| Kaneohe | 8 | 894 | 182 | 14 |
| Mililani Town | 4 | 775 | 267 | 34 |
| Waipio | 3 | 614 | 98 | 45 |
| Kauai County | 10 | 2,479 | 619 | 37 |
| Waimea | 4 | 344 | 111 | 7 |
| Maui County | 50 | 14,236 | 5,058 | 243 |
| Kahului | 9 | 2,158 | 811 | 43 |
| Kihei | 8 | 3,054 | 1,091 | 38 |
| Wailea-Makena | 6 | 1,387 | 524 | 14 |

Source: U.S. Census Bureau, *2002 Economic Census, Educational Services, Geographic Area Series, Hawaii*, EC02-61A-HI (February 2005), tables 1, 3, and 4.

**Table 23.23-- ARTS, ENTERTAINMENT, AND RECREATION ESTABLISHMENTS
(NAICS 71) FOR COUNTY AND SELECTED URBAN PLACE: 2002**

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| Geographic area | Establishments (number) | Receipts/ revenues (\$1,000) | Annual payroll (\$1,000) | Paid employees, pay period including March 12 (number) |
|------------------------|------------------------------------|---|-------------------------------------|---|
| State total | 482 | 605,862 | 184,910 | 10,692 |
| Hawaii County | 74 | 55,490 | 16,940 | 884 |
| Hilo | 14 | 6,797 | 1,954 | 118 |
| Kailua | 22 | 19,411 | 5,492 | 315 |
| Kalaoa | 4 | 2,086 | 749 | 48 |
| Honolulu County | 267 | 383,882 | 120,914 | 7,456 |
| Aiea | 4 | 2,134 | 652 | 62 |
| Honolulu | 173 | 204,276 | 65,905 | 3,664 |
| Kailua | 16 | 11,868 | 3,815 | 210 |
| Waimalu | 11 | 15,638 | 4,081 | 293 |
| Kauai County | 43 | 42,739 | 12,370 | 726 |
| Lihue | 13 | 10,946 | 3,598 | 242 |
| Maui County | 98 | 123,751 | 34,686 | 1,626 |
| Haiku-Pauwela | 4 | 1,071 | 421 | 12 |
| Kahului | 12 | 16,715 | 4,228 | 221 |
| Kihei | 11 | 10,702 | 3,625 | 179 |
| Lahaina | 16 | 33,366 | 11,056 | 487 |
| Pukalani | 5 | 4,107 | 1,223 | 39 |
| Wailuku | 10 | 3,819 | 913 | 71 |

Source: U.S. Census Bureau, *2002 Economic Census, Arts, Entertainment, and Recreation, Geographic Area Series*, EC02-71A-HI (February 2005), tables 1, 3, and 4.

**Table 23.24-- OTHER SERVICES (EXCEPT PUBLIC ADMINISTRATION)
ESTABLISHMENTS (NAICS 81), FOR COUNTY AND SELECTED
URBAN PLACE: 2002**

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| Geographic area | Establishments (number) | Receipts/ revenue (\$1,000) | Annual payroll (\$1,000) | Paid employees, pay period including March 12 (number) |
|------------------------|------------------------------------|--|-------------------------------------|---|
| State total | 2,763 | 1,487,800 | 412,818 | 19,288 |
| Hawaii County | 266 | 103,296 | 28,745 | 1,387 |
| Hilo | 96 | 38,844 | 13,263 | 624 |
| Holualoa | 16 | 4,127 | 960 | 48 |
| Kailua | 59 | 23,614 | 6,325 | 285 |
| Waikoloa Village | 10 | 3,892 | 1,004 | 56 |
| Honolulu County | 2,020 | 1,168,859 | 323,721 | 14,907 |
| Aiea | 48 | 16,576 | 4,741 | 327 |
| Ewa Beach | 5 | 1,848 | 439 | 28 |
| Halawa | 16 | 7,804 | 2,093 | 70 |
| Honolulu | 1,431 | 896,885 | 239,792 | 10,786 |
| Kailua | 60 | 21,006 | 7,437 | 289 |
| Kaneohe | 75 | 34,211 | 9,420 | 509 |
| Makaha | 5 | 4,784 | 870 | 40 |
| Makakilo City | 12 | 2,437 | 499 | 33 |
| Mililani Town | 30 | 14,411 | 4,985 | 422 |
| Nanakuli | 3 | 1,152 | 240 | 13 |
| Pearl City | 35 | 19,091 | 5,113 | 180 |
| Wahiawa | 29 | 10,234 | 3,180 | 161 |
| Waianae | 13 | 10,598 | 3,841 | 168 |
| Waimalu | 56 | 29,305 | 8,511 | 424 |
| Waipahu | 64 | 28,454 | 8,317 | 459 |
| Waipio | 19 | 5,581 | 1,719 | 67 |
| Waipio Acres | 7 | 2,109 | 580 | 29 |
| Kauai County | 119 | 44,987 | 12,244 | 620 |
| Kapaa | 15 | 9,333 | 2,199 | 105 |
| Lihue | 35 | 10,591 | 2,761 | 100 |
| Waimea | 10 | 4,709 | 1,934 | 104 |
| Maui County | 358 | 170,658 | 48,108 | 2,374 |
| Haiku-Pauwela | 4 | 2,231 | 709 | 35 |
| Kahului | 59 | 25,679 | 9,077 | 477 |
| Kaunakakai | 7 | 2,435 | 945 | 48 |

Continued on next page.

**Table 23.24-- OTHER SERVICES (EXCEPT PUBLIC ADMINISTRATION)
ESTABLISHMENTS (NAICS 81), FOR COUNTY AND SELECTED
URBAN PLACE: 2002 -- Con.**

| Geographic area | Establishments (number) | Receipts (\$1,000) | Annual payroll (\$1,000) | Paid employees, pay period including March 12 (number) |
|------------------------|------------------------------------|-------------------------------|-------------------------------------|---|
| Maui County - Con. | | | | |
| Kihei | 65 | 21,334 | 5,285 | 266 |
| Lahaina | 53 | 14,625 | 3,717 | 165 |
| Napili-Honokowai | 14 | 6,066 | 1,492 | 57 |
| Wailea-Makena | 28 | 20,128 | 6,819 | 246 |
| Wailuku | 66 | 38,085 | 10,231 | 609 |

Source: U.S. Census Bureau, *2002 Economic Census, Other Services (Except Public Administration), Geographic Area Series*, EC02-81A-HI (March 2005), table 1, 3, and 4.

Table 23.25-- PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES ESTABLISHMENTS (NAICS 54), BY TYPE OF OPERATION OR KIND OF BUSINESS: 2002

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| NAICS code | Type of operation or kind of business | Establishments (number) | Receipts/Revenue (\$1,000) | Annual payroll (\$1,000) | Paid employees, pay period including March 12 (number) |
|------------|--|-------------------------|----------------------------|--------------------------|--|
| | Subject to Federal Income Tax | | | | |
| 54 | Professional, scientific, and technical services | 2,943 | 2,209,769 | 853,929 | 20,502 |
| 541 | Professional, scientific, and technical services | 2,943 | 2,209,769 | 853,929 | 20,502 |
| 5411 | Legal services | 740 | 538,864 | 220,329 | 4,085 |
| 5412 | Accounting, tax preparation, bookkeeping, and payroll services | 541 | 261,541 | 121,165 | 4,342 |
| 5413 | Architectural, engineering, and related services | 583 | 681,284 | 252,623 | 4,788 |
| 5414 | Specialized design services | 94 | 37,929 | 7,978 | 210 |
| 5415 | Computer systems design and related services | 252 | 266,899 | 93,844 | 1,894 |
| 5416 | Management, scientific, and technical consulting services | 307 | 151,165 | 53,741 | 1,317 |
| 5417 | Scientific research and development services | 49 | 90,232 | 35,800 | 798 |
| 5418 | Advertising and related services | 127 | 68,861 | 32,243 | 1,150 |
| 5419 | Other professional, scientific, and technical services | 250 | 112,994 | 36,206 | 1,918 |
| | Exempt from Federal Income Tax | | | | |
| 54 | Professional, scientific, and technical services | 39 | 80,906 | 28,888 | 706 |
| 541 | Professional, scientific, and technical services | 39 | 80,906 | 28,888 | 706 |
| 5411 | Legal services | 18 | 7,916 | 4,881 | 156 |
| 5417 | Scientific research and development services | 21 | 72,990 | 24,007 | 550 |

Source: U.S. Census Bureau, *2002 Economic Census, Professional, Scientific, and Technical Services, Geographic Area Series, Hawaii EC02-54A-HI* (March 2005), table 1.

Table 23.26-- ADMINISTRATIVE AND SUPPORT AND WASTE MANAGEMENT AND REMEDIATION SERVICES ESTABLISHMENTS (NAICS 56), BY TYPE OF OPERATION OR KIND OF BUSINESS: 2002

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| NAICS code | Type of operation or kind of business | Establishments (number) | Receipts (\$1,000) | Annual payroll (\$1,000) | Paid employees, pay period including March 12 (number) |
|------------|--|-------------------------|--------------------|--------------------------|--|
| 56 | Administrative and support and waste management and remediation services | 1,704 | 1,633,312 | 706,425 | 31,921 |
| 561 | Administrative and support services | 1,605 | 1,431,687 | 654,577 | 30,682 |
| 5611 | Office administrative services | 63 | 88,640 | 31,714 | 716 |
| 5612 | Facilities support services | 23 | 20,044 | 6,430 | 195 |
| 5613 | Employment services | 89 | 247,762 | 182,396 | 9,196 |
| 5614 | Business support services | 124 | 73,778 | 27,445 | 1,318 |
| 5615 | Travel arrangement and reservation services | 489 | 410,616 | 136,663 | 4,968 |
| 5616 | Investigation and security services | 112 | 185,761 | 115,649 | 5,718 |
| 5617 | Services to buildings and dwellings | 628 | 362,357 | 139,962 | 7,696 |
| 5619 | Other support services | 77 | 42,729 | 14,318 | 875 |
| 562 | Waste management and remediation services | 99 | 201,625 | 51,848 | 1,239 |
| 5621 | Waste collection | 38 | 94,767 | 18,729 | 549 |
| 5622 | Waste treatment and disposal | 17 | 56,593 | 12,990 | 262 |
| 5629 | Remediation and other waste management services | 44 | 50,265 | 20,239 | 428 |

Source: U.S. Census Bureau, *2002 Economic Census, Administrative and Support and Waste Management and Remediation Services, Geographic Area Series, Hawaii* EC02-56A-HI (March 2005), table 1.

**Table 23.27-- EDUCATIONAL SERVICES ESTABLISHMENTS (NAICS 61),
BY TYPE OF OPERATION OR KIND OF BUSINESS: 2002**

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| NAICS code | Type of operation or kind of business | Establishments (number) | Receipts/revenue (\$1,000) | Annual payroll (\$1,000) | Paid employees for pay period including March 12 (number) |
|------------|---|-------------------------|----------------------------|--------------------------|---|
| | Subject to Federal Income Tax | | | | |
| 61 | Educational services | 238 | 66,078 | 22,490 | 1,394 |
| 611 | Educational services | 238 | 66,078 | 22,490 | 1,394 |
| 6114 | Business schools and computer and management training | 24 | (D) | (D) | (1/) |
| 6115 | Technical and trade schools | 33 | 14,245 | 4,675 | 221 |
| 6116 | Other schools and instruction | 168 | (D) | (D) | (2/) |
| 6117 | Educational support services | 13 | 5,248 | 1,938 | 114 |
| | Exempt from Federal Income Tax | | | | |
| 61 | Educational services | 66 | 41,766 | 14,048 | 548 |
| 611 | Educational services | 66 | 41,766 | 14,048 | 548 |
| 6114 | Business schools and computer and management training | 2 | (D) | (D) | (3/) |
| 6115 | Technical and trade schools | 9 | 6,690 | 2,314 | 70 |
| 6116 | Other schools and instruction | 41 | (D) | (D) | (4/) |
| 6117 | Educational support services | 14 | 25,135 | 8,289 | 221 |

D Withheld to avoid disclosing data of individual companies.

1/ 100 to 249 employees.

2/ 500 to 999 employees.

3/ 0 to 19 employees.

4/ 250 to 499 employees.

Source: U.S. Census Bureau, *2002 Economic Census, Education Services, Geographic Area Series, Hawaii*, EC02-61A-HI (February 2005), table 1.

**Table 23.28-- ARTS, ENTERTAINMENT, AND RECREATION ESTABLISHMENTS
(NAICS 71), BY KIND OF BUSINESS OR OPERATION: 2002**

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| NAICS code | Kind of business or operation | Establishments (number) | Receipts/revenues (\$1,000) | Annual payroll (\$1,000) | Paid employees, pay period including March 12 (number) |
|-------------------|--|--------------------------------|------------------------------------|---------------------------------|---|
| | Subject to Federal Income Tax | | | | |
| 71 | Arts, entertainment, and recreation | 382 | 424,740 | 123,311 | 7,376 |
| 711 | Performing arts, spectator sports, and related industries | 108 | 99,947 | 27,867 | 1,717 |
| 7111 | Performing arts companies | 37 | 67,982 | 19,886 | 1,309 |
| 7112 | Spectator sports | 6 | 3,292 | 574 | 20 |
| 7113 | Promoters of performing arts, sports, and similar events | 16 | 16,492 | 3,431 | 240 |
| 7114 | Agents and managers for artist, athletes, and other public figures | 8 | 2,943 | 880 | 28 |
| 7115 | Independent artists, writers, and performers | 41 | 9,238 | 3,096 | 120 |
| 712 | Museums, historical sites, and similar institutions | 17 | 24,143 | 6,622 | 391 |
| 7121 | Museums, historical sites, and similar institutions | 17 | 24,143 | 6,622 | 391 |
| 713 | Amusement, gambling, and recreation industries | 257 | 300,650 | 88,822 | 5,268 |
| 7131 | Amusement parks and arcades | 20 | 25,012 | 6,396 | 344 |
| 7139 | Other amusement and recreation services | 237 | 275,638 | 82,426 | 4,924 |
| | Exempt from Federal Income Tax | | | | |
| 71 | Arts, entertainment, and recreation | 100 | 181,122 | 61,599 | 3,316 |
| 711 | Performing arts, spectator sports, and related industries | 24 | 36,685 | 10,150 | 468 |
| 7111 | Performing arts companies | 20 | 23,720 | 7,794 | 338 |
| 7113 | Promoters of performing arts, sports, and similar events | 4 | 12,965 | 2,356 | 130 |

Continued on next page.

**Table 23.28-- ARTS, ENTERTAINMENT, AND RECREATION ESTABLISHMENTS
(NAICS 71), BY KIND OF BUSINESS OR OPERATION: 2002 -- Con.**

| NAICS code | Kind of business or operation | Establishments (number) | Receipts/revenues (\$1,000) | Annual payroll (\$1,000) | Paid employees, pay period including March 12 (number) |
|-------------------|---|--------------------------------|------------------------------------|---------------------------------|---|
| 712 | Museums, historical sites, and similar institutions | 50 | 103,763 | 36,994 | 2,064 |
| 7121 | Museums, historical sites, and similar institutions | 50 | 103,763 | 36,994 | 2,064 |
| 713 | Amusement, gambling, and recreation industries | 26 | 40,674 | 14,455 | 784 |
| 7139 | Other amusement and recreation services | 26 | 40,674 | 14,455 | 784 |

Source: U.S. Census Bureau, *2002 Economic Census, Arts, Entertainment, and Recreation, Geographic Area Series*, EC02-71A-HI (February 2005), table 1.

**Table 23.29-- OTHER SERVICES (EXCEPT PUBLIC ADMINISTRATION)
ESTABLISHMENTS (NAICS 81), BY KIND OF BUSINESS OR
OPERATION: 2002**

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| NAICS code | Kind of business or operation | Establishments (number) | Receipts/revenue (\$1,000) | Annual payroll (\$1,000) | Paid employees, pay period including March 12 (number) |
|------------|---|-------------------------|----------------------------|--------------------------|--|
| | Firms Subject to Federal Income Tax | | | | |
| 81 | Other services (except public admin.) | 1,543 | 791,628 | 238,754 | 11,544 |
| 811 | Repair and maintenance | 737 | 420,834 | 119,592 | 4,206 |
| 8111 | Automotive repair and maintenance | 491 | 257,475 | 68,270 | 2,604 |
| 8112 | Electronic and precision equipment repair and maintenance | 48 | 52,598 | 14,461 | 374 |
| 8113 | Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance | 87 | 59,105 | 21,390 | 634 |
| 8114 | Personal and household goods repair and maintenance | 111 | 51,656 | 15,471 | 594 |
| 812 | Personal and laundry services | 806 | 370,794 | 119,162 | 7,338 |
| 8121 | Personal care services | 374 | 92,274 | 37,094 | 2,142 |
| 8122 | Death care services | 35 | 56,064 | 17,057 | 632 |
| 8123 | Drycleaning and laundry services | 81 | 98,340 | 33,887 | 1,828 |
| 8129 | Other personal services | 316 | 124,116 | 31,124 | 2,736 |
| | Firms Exempt from Federal Income Tax | | | | |
| 81 | Other services (except public admin.) | 1,220 | 696,172 | 174,064 | 7,744 |
| 813 | Religious/grantmaking/civic/professional and similar organization | 1,220 | 696,172 | 174,064 | 7,744 |
| 8132 | Grantmaking and giving services | 68 | 115,166 | 18,239 | 506 |
| 8133 | Social advocacy organizations | 76 | 91,563 | 27,432 | 769 |
| 8134 | Civic and social organizations | 111 | 63,635 | 24,506 | 1,730 |
| 8139 | Business, professional, labor, political, and similar organizations | 965 | 425,808 | 103,887 | 4,739 |

Source: U.S. Census Bureau, *2002 Economic Census, Other Services (Except Public Administration), Geographic Area Series, EC02-81A-HI* (March 2005), table 1.

**Table 23.30-- TRAVEL ARRANGEMENT AND RESERVATION SERVICES
(NAICS 5615): 2002**

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| NAICS code | Kind of business | Establishments (number) | Revenue (\$1,000) | Annual payroll (\$1,000) | Paid employees, pay period including March 12 (number) |
|-------------------|--|--------------------------------|--------------------------|---------------------------------|---|
| 5615 | All establishments | 489 | 410,616 | 136,663 | 4,968 |
| 56151 | Travel agencies | 285 | 127,269 | 54,198 | 2,259 |
| 56152 | Tour operators | 151 | 128,995 | 45,065 | 1,654 |
| 56159 | Other travel arrangement & reservation services 1/ | 53 | 154,352 | 37,400 | 1,055 |

1/ Includes convention & visitors bureaus (NAICS 561591; 17 establishments). Excludes convention and trade show organizers (NAICS 56192; 22 establishments).

Source: U.S. Bureau of the Census, *2002 Economic Census, Administrative and Support and Waste Management and Remediation Services, Geographic Area Series, Hawaii*, EC02-56A-HI (March 2005), table 1.

Table 23.31-- ACCOMMODATION AND FOOD SERVICES (NAICS 72), FOR COUNTY AND SELECTED URBAN PLACE: 2002

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| Geographic area | Number of establishments | Sales (\$1,000) | Annual payroll (\$1000) | Paid employees for pay period including March 12 (number) |
|------------------------|---------------------------------|------------------------|--------------------------------|--|
| State total | 3,138 | 5,551,380 | 1,604,706 | 85,641 |
| Hawaii County | 350 | 747,901 | 210,356 | 10,595 |
| Captain Cook | 5 | 1,697 | 524 | 42 |
| Hilo | 137 | 91,546 | 25,391 | 2,263 |
| Kailua | 76 | 259,893 | 47,177 | 2,442 |
| Kalaoa | 4 | 2,850 | 608 | 66 |
| Waikoloa Village | 11 | 13,050 | 4,286 | 228 |
| Honolulu County | 2,119 | 2,956,987 | 830,599 | 49,864 |
| Ahuimanu | 7 | 3,592 | 823 | 88 |
| Aiea | 59 | 41,004 | 10,292 | 910 |
| Halawa | 15 | 12,170 | 3,371 | 191 |
| Hauula | 8 | 5,213 | 1,217 | 108 |
| Honolulu | 1,446 | 2,385,495 | 679,399 | 37,237 |
| Kaneohe | 76 | 48,562 | 12,210 | 1,158 |
| Laie | 7 | 4,958 | 1,289 | 125 |
| Mililani Town | 35 | 28,049 | 7,293 | 696 |
| Nanakuli | 4 | 3,303 | 798 | 85 |
| Pearl City | 38 | 32,168 | 7,797 | 751 |
| Village Park | 7 | 5,207 | 1,066 | 121 |
| Wahiawa | 40 | 31,160 | 7,999 | 751 |
| Waianae | 20 | 12,233 | 2,958 | 311 |
| Waimalu | 68 | 60,141 | 15,985 | 1,417 |
| Waimanalo | 6 | 2,794 | 707 | 70 |
| Waimanalo Beach | 4 | 1,598 | 364 | 39 |
| Waipahu | 60 | 40,653 | 9,402 | 886 |
| Waipio | 13 | 18,980 | 4,169 | 408 |
| Kauai County | 208 | 467,176 | 122,682 | 6,250 |
| Kalaheo | 8 | 4,002 | 1,432 | 119 |
| Kapaa | 37 | 30,977 | 8,861 | 602 |
| Lihue | 41 | 101,526 | 28,230 | 1,383 |

Continued on next page.

Table 23.31-- ACCOMMODATION AND FOOD SERVICES (NAICS 72), FOR COUNTY AND SELECTED URBAN PLACE: 2002 -- Con.

| Geographic area | Number of establishments | Sales (\$1,000) | Annual payroll (\$1000) | Paid employees for pay period including March 12 (number) |
|-------------------------------|---------------------------------|------------------------|--------------------------------|--|
| Kauai County - con. Waimea | 24 | 12,061 | 3,520 | 236 |
| Mauai County | 461 | 1,379,316 | 441,069 | 18,932 |
| Kahului | 77 | 85,862 | 21,545 | 1,620 |
| Kihei | 78 | 71,471 | 17,616 | 1,285 |
| Lahaina | 94 | 154,665 | 42,979 | 2,627 |
| Makawao | 8 | 8,392 | 2,869 | 263 |
| Napili-Honokowai | 18 | 29,908 | 6,698 | 449 |
| Pukalani | 9 | 5,840 | 1,455 | 135 |
| Wailea-Makena | 34 | 371,472 | 140,687 | 4,687 |
| Wailuku | 52 | 22,777 | 5,642 | 471 |

Source: U.S. Census Bureau, *2002 Economic Census, Accommodation and Food Services, Geographic Area Series, Hawaii*, EC02-72A-HI, (January 2005), tables 1, 3 and 4.

Table 23.32-- ACCOMMODATION AND FOODSERVICES (NAICS 72): 2002

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| NAICS codes | Subject | Number of establishments | Receipts (\$1,000) | Annual payroll (\$1,000) | Paid employees, pay period including March 12 |
|-------------|--|--------------------------|--------------------|--------------------------|---|
| 72 | Accommodation and foodservices | 3,138 | 5,551,380 | 1,604,706 | 85,641 |
| 721 | Accommodation | 280 | 3,219,788 | 959,017 | 34,860 |
| 7211 | Traveler accommodation | 272 | 3,218,155 | 958,659 | 34,835 |
| 72111 | Hotels (except casino hotels) and motels | 243 | 3,212,231 | 957,486 | 34,759 |
| 72119 | Other traveler accommodation | 29 | 5,924 | 1,173 | 76 |
| 721191 | Bed-and-breakfast inns | 20 | 3,514 | 743 | 48 |
| 721199 | All other traveler accommodation | 9 | 2,410 | 430 | 28 |
| 7212 | RV parks and recreational camps | 3 | 298 | 84 | 5 |
| 7213 | Rooming and boarding houses | 5 | 1,335 | 274 | 20 |
| 722 | Foodservices and drinking places | 2,858 | 2,331,592 | 645,689 | 50,781 |
| 7221 | Full-service restaurants | 1,081 | 1,185,561 | 368,028 | 27,296 |
| 7222 | Limited-service eating places | 1,401 | 869,160 | 207,744 | 18,613 |
| 7223 | Special foodservices | 109 | 174,794 | 46,889 | 2,556 |
| 72231 | Foodservice contractors | 56 | 150,324 | 39,650 | 2,011 |
| 72232 | Caterers | 33 | 20,778 | 6,430 | 479 |
| 72233 | Mobile foodservices | 20 | 3,692 | 809 | 66 |
| 7224 | Drinking places (alcoholic beverages) | 267 | 102,077 | 23,028 | 2,316 |

Source: U.S. Census Bureau, *2002 Economic Census, Accommodation and Foodservices, Geographic Area Series, Hawaii, EC02-72A-HI*, (January 2005), table 1.

Table 23.33-- PRODUCT LINE SALES FOR ACCOMMODATION AND FOOD SERVICES (NAICS 72): 2002

| Products and services code | Meaning of products and services code | Number of establishments | Sales (\$1,000) | Line sales as % of sales of establishments with line | Line sales as % of total sales of NAICS |
|-----------------------------------|---|---------------------------------|------------------------|---|--|
| 20000 | Industry totals | 3,138 | 5,551,380 | (X) | 100.0 |
| 20010 | Guestroom or unit rentals | 279 | 2,151,209 | 66.8 | 38.8 |
| 20030 | Telephone service charges | 157 | 26,302 | 1.2 | 0.5 |
| 20050 | Rental of public rooms/areas, incl conference/convention mtg rooms | 118 | 55,015 | 3.6 | 1.0 |
| 20060 | Membership dues and fees | 20 | 12,393 | 3.4 | 0.2 |
| 20100 | Groceries and other foods for human consumption off the premises | 109 | 6,066 | 2.0 | 0.1 |
| 20120 | Meals, unpack snacks, sandwiches, etc for immediate consumption | 2,789 | 2,578,356 | 49.7 | 46.4 |
| 20130 | Alcoholic drinks served at the establishment | 1,287 | 437,592 | 12.5 | 7.9 |
| 20140 | Packaged liquor, wine, and beer | 114 | 13,057 | 5.9 | 0.2 |
| 20150 | Cigars, cigarettes, etc and smokers' access, excluding sales from vending | 52 | 1,343 | 0.6 | (1/) |
| 20850 | All other merchandise | 39 | 7,100 | 0.9 | 0.1 |
| 29810 | All other merchandise | 370 | 87,987 | 3.9 | 1.6 |
| 29980 | All other nonmerchandise receipts | 149 | 174,827 | 8.9 | 3.1 |

X Not applicable.

1/ Less than half the unit shown.

Source: U.S. Census Bureau, 2002 Economic Census, Subject series: Product lines, extracted from American FactFinder, <http://factfinder.census.gov/home/saff/main.html?_lang=en> accessed March 14, 2006.

Table 23.34-- VISITOR ACCOMMODATIONS, BY COUNTY: 1970 TO 2007

[Number of units]

| Year | State total | City & County of Honolulu | Hawaii County | Kauai County | Maui County |
|---------|-------------|---------------------------|---------------|--------------|-------------|
| 1970 | 26,923 | 18,449 | 3,166 | 2,565 | 2,743 |
| 1971 | 32,289 | 22,531 | 3,435 | 2,628 | 3,695 |
| 1972 | 35,797 | 24,742 | 4,241 | 2,719 | 4,095 |
| 1973 | 36,608 | 25,108 | 4,796 | 2,629 | 4,075 |
| 1974 | 38,675 | 25,365 | 5,234 | 2,868 | 5,208 |
| 1975 | 39,632 | 25,352 | 5,348 | 3,102 | 5,830 |
| 1976 | 42,648 | 25,851 | 6,045 | 3,520 | 7,232 |
| 1977 | 44,986 | 27,363 | 5,929 | 3,657 | 8,037 |
| 1978 | 47,070 | 28,546 | 6,002 | 3,786 | 8,736 |
| 1979 | 49,832 | 30,065 | 6,093 | 4,202 | 9,472 |
| 1980 | 54,246 | 34,334 | 5,889 | 4,322 | 9,701 |
| 1981 | 56,769 | 33,967 | 6,705 | 4,738 | 11,359 |
| 1982 | 57,968 | 33,492 | 7,167 | 5,147 | 12,162 |
| 1983 | 58,765 | 34,354 | 7,469 | 4,193 | 12,749 |
| 1984 | 62,448 | 36,848 | 7,149 | 5,313 | 13,138 |
| 1985 | 65,919 | 38,600 | 7,511 | 5,656 | 14,152 |
| 1986 | 66,308 | 39,010 | 7,280 | 5,922 | 14,096 |
| 1987 | 65,318 | 38,185 | 7,328 | 5,956 | 13,849 |
| 1988 | 69,012 | 37,841 | 8,823 | 7,180 | 15,168 |
| 1989 | 67,734 | 36,467 | 8,161 | 7,398 | 15,708 |
| 1990 | 71,266 | 36,899 | 8,952 | 7,546 | 17,869 |
| 1991 | 72,275 | 36,623 | 9,383 | 7,567 | 18,702 |
| 1992 | 73,089 | 36,851 | 9,170 | 7,778 | 19,290 |
| 1993 | 69,502 | 36,604 | 9,140 | 4,631 | 19,127 |
| 1994 | 70,463 | 36,194 | 9,595 | 5,870 | 18,804 |
| 1995 | (NA) | (NA) | (NA) | (NA) | (NA) |
| 1996 | 70,288 | 36,146 | 9,558 | 6,760 | 17,824 |
| 1997 | 71,025 | 35,971 | 9,913 | 6,589 | 18,552 |
| 1998 | 71,480 | 36,206 | 9,655 | 6,969 | 18,650 |
| 1999 | 71,157 | 35,861 | 9,815 | 6,872 | 18,609 |
| 2000 | 71,506 | 36,303 | 9,774 | 7,159 | 18,270 |
| 2001 | 72,204 | 36,824 | 9,944 | 7,202 | 18,234 |
| 2002 | 70,783 | 36,457 | 9,297 | 7,037 | 17,992 |
| 2003 1/ | 70,579 | 35,541 | 9,478 | 7,257 | 18,303 |
| 2004 1/ | 72,176 | 35,769 | 9,857 | 8,105 | 18,445 |
| 2005 1/ | 72,307 | 33,926 | 10,940 | 8,221 | 19,220 |
| 2006 1/ | 72,274 | 33,606 | 10,831 | 8,266 | 19,571 |
| 2007 | 73,220 | 33,588 | 11,061 | 8,692 | 19,879 |

NA Not available.

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *Visitor Plant Inventory* (annual).

Table 23.35-- VISITOR ACCOMMODATIONS, BY TYPE: 1986 TO 2007

| Year and month | Properties | | | Units | | |
|----------------|------------|-----------|------------------|--------|-----------|------------------|
| | Total | Hotels 1/ | Condo-miniums 2/ | Total | Hotels 1/ | Condo-miniums 2/ |
| 1986: Feb. | 523 | 201 | 322 | 66,308 | 43,309 | 22,999 |
| 1987: Feb. | 510 | 196 | 314 | 66,318 | 43,422 | 21,896 |
| 1988: Feb. | 481 | 203 | 278 | 69,012 | 47,892 | 21,120 |
| 1989: Feb. | 452 | 197 | 255 | 67,734 | 48,894 | 18,840 |
| 1990: Feb. | 533 | 264 | 269 | 71,266 | 52,438 | 18,828 |
| 1991: Feb. | 595 | 313 | 282 | 72,275 | 52,688 | 19,587 |
| 1992: Spring | 664 | 374 | 295 | 73,089 | 51,134 | 21,955 |
| 1993: June | 698 | 406 | 292 | 69,502 | 49,111 | 20,391 |
| 1994: Dec. | 692 | 397 | 295 | 70,463 | 49,436 | 21,027 |
| 1995: | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 1996: May | 770 | 472 | 298 | 70,288 | 49,737 | 20,551 |
| 1997: Spring | 821 | 607 | 214 | 71,025 | 53,735 | 17,290 |
| 1998: | 882 | 669 | 213 | 71,480 | 54,055 | 17,425 |
| 1999: | 832 | 620 | 212 | 71,157 | 53,954 | 17,203 |
| 2000: | 873 | 668 | 205 | 71,506 | 54,859 | 16,647 |
| 2001: | 914 | 712 | 202 | 72,204 | 56,021 | 16,183 |
| 2002: | 860 | 661 | 199 | 70,783 | 55,052 | 15,731 |
| 2003: 3/ | 1,057 | 837 | 220 | 70,742 | 54,209 | 16,533 |
| 2004: 3/ | 1,209 | 970 | 239 | 72,614 | 58,716 | 13,898 |
| 2005: 3/ | 1,266 | 1,035 | 231 | 73,126 | 57,879 | 15,247 |
| 2006: 4/ | 1,281 | 1,046 | 235 | 72,274 | 54,800 | 17,474 |
| 2007: | 1,777 | 1,605 | 172 | 73,220 | 58,334 | 14,886 |

NA Not available.

1/ Includes hotels, apartment hotels, bed-and-breakfasts, hostels, Individual vacation units and timeshares. Properties with both condo and hotel units are included with condominiums in 1990 and later years; treatment before 1990 not specified.

2/ Condominium accommodations in rental pools for transient use. Includes condo/hotel units.

3/ Data have been revised, but revised numbers are not available.

4/ Revised from previous *Data Book*.

Source: Hawaii Visitors & Convention Bureau, *Visitor Plant Inventory*, 1986 to 1998; Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *Visitor Plant Inventory* (annual) for 1999-2007 and records.

Table 23.36-- VISITOR ACCOMMODATIONS, BY TYPE AND BY ISLAND: 2007

| Year and island | Properties | | | Units | | |
|------------------|------------|-----------|------------------|--------|-----------|------------------|
| | Total | Hotels 1/ | Condo-miniums 2/ | Total | Hotels 1/ | Condo-miniums 2/ |
| State total | 1,777 | 1,605 | 172 | 73,220 | 58,334 | 14,886 |
| Oahu | 223 | 191 | 32 | 33,588 | 28,905 | 4,683 |
| Waikiki/Honolulu | 118 | 93 | 25 | 28,433 | 25,246 | 3,187 |
| Rest of Oahu | 105 | 98 | 7 | 5,155 | 3,659 | 1,496 |
| Other islands | 1,554 | 1,414 | 140 | 39,632 | 29,429 | 10,203 |
| Hawaii | 290 | 269 | 21 | 11,061 | 9,674 | 1,387 |
| Maui | 387 | 306 | 81 | 19,216 | 13,046 | 6,170 |
| Lanai | 6 | 6 | - | 354 | 354 | - |
| Molokai | 28 | 22 | 6 | 309 | 158 | 151 |
| Kauai | 843 | 811 | 32 | 8,692 | 6,197 | 2,495 |

1/ Includes hotels, apartment hotels, bed-and-breakfasts, hostels, Individual vacation units and timeshares. Properties with both condo and hotel units are included with condominiums.

2/ Condominium accommodations in rental pools for transient use. Includes condo/hotel units.

Source: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *Visitor Plant Inventory* (annual).

Table 23.37-- VISITOR ACCOMMODATIONS, BY TYPE AND GEOGRAPHIC AREA: 2007

| Type of accommodation | Properties | | | Units | | |
|---------------------------|-------------|------|---------------|-------------|--------|---------------|
| | State total | Oahu | Other islands | State total | Oahu | Other islands |
| All types | 1,777 | 223 | 1,554 | 73,220 | 33,588 | 39,632 |
| Apartment-hotel | 16 | 9 | 7 | 261 | 235 | 26 |
| Bed and breakfast | 176 | 26 | 150 | 627 | 53 | 574 |
| Condominium hotel | 172 | 32 | 140 | 14,886 | 4,683 | 10,203 |
| Hostels | 15 | 10 | 5 | 439 | 343 | 96 |
| Hotel | 132 | 61 | 71 | 42,585 | 25,498 | 17,087 |
| Individual vacation units | 1,152 | 69 | 1,083 | 5,786 | 1,090 | 4,696 |
| Timeshare | 73 | 13 | 60 | 7,997 | 1,627 | 6,370 |
| Other | 41 | 3 | 38 | 639 | 59 | 580 |

Source: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *Visitor Plant Inventory* (annual).

**Table 23.38-- HOTELS AND OTHER LODGING PLACES (NAICS 721),
BY COUNTY: 1999 TO 2005**

[Excludes most government employees, railroad employees, and self-employed persons. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in the *County Business Patterns* prior to 1998. Therefore, comparability between the current data and data prior to 1998 may be limited]

| County | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------|------|------|------|------|------|------|------|
| State total | 295 | 273 | 265 | 269 | 296 | 313 | 326 |
| Hawaii | 48 | 47 | 50 | 48 | 52 | 59 | 59 |
| Honolulu | 130 | 122 | 120 | 122 | 121 | 125 | 134 |
| Kauai | 36 | 32 | 34 | 38 | 44 | 46 | 50 |
| Maui | 81 | 72 | 61 | 61 | 79 | 83 | 83 |

Source: U.S. Census Bureau, *County Business Patterns, Hawaii* (annual). Also see <http://censtats.census.gov/cbpnaic/cbpnaic.shtml> accessed December 5, 2007.

Table 23.39-- VISITOR ACCOMMODATIONS, BY NIGHTLY PRICE: 2007

| Island and type of accommodation | Total | \$100 or less | \$101 to \$250 | \$251 to \$500 | Over \$500 |
|---|--------------|----------------------|-----------------------|-----------------------|-------------------|
| Available Units | 73,220 | 6,468 | 23,503 | 24,254 | 18,994 |
| Island: | | | | | |
| Oahu | 34,666 | 2,868 | 12,370 | 11,870 | 7,558 |
| Hawaii | 10,895 | 1,770 | 3,047 | 3,456 | 2,623 |
| Kauai | 8,341 | 655 | 2,623 | 3,642 | 1,421 |
| Maui | 18,600 | 1,112 | 5,257 | 5,020 | 7,212 |
| Molokai | 329 | 59 | 193 | 77 | - |
| Lanai | 389 | 3 | 14 | 190 | 181 |
| Type of unit: | | | | | |
| Apartment/Hotel | 254 | 195 | 57 | 1 | - |
| Bed and breakfast | 688 | 289 | 370 | 30 | - |
| Condominium hotel | 14,765 | 1,039 | 6,348 | 6,184 | 1,194 |
| Hostel | 482 | 473 | 9 | - | - |
| Hotel | 46,485 | 3,006 | 12,285 | 15,308 | 15,886 |
| Individual vacation unit | 4,726 | 870 | 2,596 | 974 | 287 |
| Timeshare 1/ | 5,231 | 371 | 1,608 | 1,674 | 1,578 |
| Other | 587 | 225 | 229 | 83 | 49 |

1/ Timeshare units are subsets of bed and breakfast, condominium hotel, hostel, hotel, individual vacation unit, and other categories, and thus are not included in the state total for the number responding count.

Source: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *Visitor Plant Inventory* (annual) and records.

Table 23.40-- HOTEL ROOMS, OCCUPANCY RATES, AND DAILY ROOM AND GUEST RATES: 1989 TO 2007

[Includes condominium units in rental pools for transient occupancy]

| Year | Hotel units 1/ | | | Percent occupied 2/ | Daily rates per room 2/ (dollars) | Guests per room 3/ |
|---------|----------------|--------|---------------|---------------------|-----------------------------------|--------------------|
| | State total | Oahu | Other islands | | | |
| 1989 | 67,734 | 36,467 | 31,267 | 79.0 | 95.83 | 2.00 |
| 1990 | 71,266 | 36,899 | 34,367 | 78.8 | 102.10 | 2.01 |
| 1991 | 72,275 | 36,623 | 35,652 | 72.4 | 101.89 | 2.01 |
| 1992 | 73,089 | 37,279 | 35,810 | 72.6 | 105.59 | 2.02 |
| 1993 | 69,502 | 37,032 | 32,470 | 72.0 | 103.26 | 2.04 |
| 1994 | 70,463 | 36,194 | 34,269 | 76.5 | 105.46 | 2.04 |
| 1995 | (NA) | (NA) | (NA) | 75.8 | 109.39 | 2.05 |
| 1996 | 70,288 | 36,146 | 34,142 | 75.2 | 116.79 | 2.07 |
| 1997 | 71,025 | 35,971 | 35,054 | 73.9 | 124.96 | 2.08 |
| 1998 | 71,480 | 36,206 | 35,274 | 71.5 | 129.66 | 2.09 |
| 1999 | 71,157 | 35,861 | 35,296 | 72.1 | 131.66 | 2.09 |
| 2000 | 71,506 | 36,303 | 35,203 | 76.4 | 140.63 | 2.08 |
| 2001 | 72,204 | 36,824 | 35,380 | 69.2 | 144.88 | 2.05 |
| 2002 | 70,783 | 36,457 | 34,326 | 69.7 | 140.89 | 2.12 |
| 2003 4/ | 70,579 | 35,541 | 35,038 | 72.7 | 144.16 | 2.09 |
| 2004 4/ | 72,176 | 35,769 | 36,407 | 77.7 | 152.17 | 2.13 |
| 2005 4/ | 72,307 | 33,926 | 38,381 | 81.1 | 166.16 | 2.15 |
| 2006 4/ | 72,274 | 33,606 | 38,668 | 79.5 | 187.19 | (NA) |
| 2007 | 73,220 | 33,588 | 39,632 | 75.3 | 199.87 | (NA) |

NA Not available.

1/ February data through 1991; Spring 1992; June 1993; December 1994; and May 1996 and thereafter.

2/ Annual averages for hotels in PKF sample for 1989-1994, Smith Travel Research for 1995-2007.

3/ Annual averages for hotels in PKF sample.

4/ Revised from previous *Data Book*. Applies to hotel units for years 2003 to 2006, percent occupied and daily rates per room for year 2006.

Source: Hawaii State Department of Business, Economic Development, and Tourism, *Visitor Plant Inventory*, (annual); PKF-Hawaii, *Trends in the Hotel Industry, Hawaii*, (December issues); Smith Travel Research, Hospitality Advisors LLC, *Hawaii Hotel Flash Report*, (December/Year-End Highlights issues).

**Table 23.41-- HOTEL ROOM OCCUPANCY AND ROOM RATES, BY
GEOGRAPHIC AREA: 2007**

| Geographic area | Percent occupied | Average daily room rate (dollars) | Revenue per available room (dollars) |
|---------------------------|-------------------------|--|---|
| State total | 75.3 | 199.87 | 150.49 |
| Oahu | 76.9 | 168.67 | 129.71 |
| Waikiki | 77.5 | 167.47 | 129.79 |
| Other Oahu | 72.2 | 177.49 | 128.15 |
| Maui | 76.5 | 262.23 | 200.61 |
| Wailea | 72.1 | 423.28 | 305.33 |
| Lahaina-Kaanapali-Kapalua | 79.3 | 241.43 | 191.45 |
| Other Maui | 73.4 | 286.51 | 210.30 |
| Hawaii | 67.6 | 202.34 | 136.78 |
| Kohala Coast | 65.7 | 301.44 | 198.19 |
| Kauai | 75.8 | 205.35 | 155.66 |

Source: Smith Travel Research, Hospitality Advisors LLC, *Hawaii Hotel Flash Report*, (December/Year-End 2007 Highlights).

**Table 23.42-- GENERAL EXCISE TAX BASE FOR RENTALS:
1985 TO 2007**

[In thousands of dollars. Data are on a cash basis accounting]

| Year reported 1/ | Total | Hotel rentals | All other rentals 2/ |
|-------------------------|--------------|----------------------|-----------------------------|
| 1985 | 3,037,254 | 1,122,268 | 1,914,986 |
| 1986 | 3,278,450 | 1,212,782 | 2,065,668 |
| 1987 | 3,443,271 | 1,369,401 | 2,073,870 |
| 1988 | 3,715,546 | 1,408,891 | 2,306,655 |
| 1989 | 4,108,740 | 1,505,071 | 2,603,669 |
| 1990 | 4,401,733 | 1,572,994 | 2,828,739 |
| 1991 | 4,825,777 | 1,512,990 | 3,312,787 |
| 1992 | 5,013,293 | 1,621,751 | 3,391,542 |
| 1993 | 5,035,581 | 1,527,037 | 3,508,544 |
| 1994 | 5,358,587 | 1,666,406 | 3,692,182 |
| 1995 | 5,552,792 | 1,776,527 | 3,776,265 |
| 1996 | 5,859,454 | 2,057,800 | 3,801,655 |
| 1997 | 5,829,772 | 2,155,319 | 3,826,024 |
| 1998 | 5,904,196 | 2,147,217 | 3,756,979 |
| 1999 | 5,845,772 | 2,158,193 | 3,687,580 |
| 2000 | 6,305,325 | 2,419,287 | 3,886,038 |
| 2001 | 6,360,999 | 2,421,813 | 3,939,186 |
| 2002 | 6,184,616 | 2,227,341 | 3,957,275 |
| 2003 | 6,472,542 | 2,322,434 | 4,150,108 |
| 2004 | 6,851,888 | 2,518,058 | 4,333,830 |
| 2005 | 7,639,189 | 2,834,838 | 4,804,351 |
| 2006 | 8,107,018 | 3,097,961 | 5,009,057 |
| 2007 | 9,171,835 | 3,406,579 | 5,765,256 |

1/ Calendar year in which reported, including "prior years" reports. Income received in December is reported the following January, hence these annual totals generally refer to an "income year" ended November 30.

2/ Includes residential, office, automobile, and equipment rentals, and land leases.

Source: Hawaii State Department of Taxation, "General Excise and Use Tax Base" (annual tabular release). see also <http://www.state.hi.us/tax/a5_3txcolrpt.htm>.

Table 23.43-- COMPUTER AND SOFTWARE STORES AND SERVICES: 2002

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

| Subject and year | Establishments (number) | Receipts/ Revenue or Sales (\$1,000) | Annual payroll (\$1,000) | Paid employees for pay period including March 12 (number) |
|--|------------------------------------|---|---|--|
| Wholesale trade: Computer and computer peripheral equipment and software merchant (NAICS 42343) | 28 | 178,465 | 48,415 | 578 |
| Retail trade: Computer and software stores (NAICS 44312) | 39 | 128,850 | 9,492 | 457 |
| Services: Computer and office machine repair and maintenance (NAICS 811212) | 28 | 9,794 | 3,374 | 117 |
| Computer systems design and related services (NAICS 5415) | 252 | 266,899 | 93,844 | 1,894 |
| Data processing, hosting, and related services (NAICS 5182) | 73 | 57,091 | 42,600 | 1,054 |
| Software Publishers (NAICS 5112) | 8 | 8,898 | 2,673 | 35 |

Source: U.S. Census Bureau, *2002 Economic Census, Retail Trade, Geographic Area Series, Hawaii*, EC02-44A-HI (January 2005); *2002 Economic Census, Wholesale Trade, Geographic Area Series, Hawaii*, EC02-42A-HI (March 2005); *2002 Economic Census, Other Services (Except Public Administration), Geographic Area Series, Hawaii*, EC02-81A-HI (March 2005); *2002 Economic Census, Professional, Scientific, and Technical Services, Geographic Area Series, Hawaii*, EC02-54A-HI (March 2005); *2002 Economic Census, Information, Geographic Area Series, Hawaii*, EC02-51A-HI (March 2005).

Table 23.44-- MOTION PICTURE AND VIDEO SERVICES: 1977 TO 2002

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census. For 1963-1972 data, see Data Book 1990, table 699]

| Subject and year | Establishments (number) | Receipts (\$1,000) | Annual payroll (\$1,000) | Paid employees for pay period including March 12 (number) |
|--|-------------------------|--------------------|--------------------------|---|
| Motion picture and video production, distribution, and services (NAICS 51211, 51212, 51219): | | | | |
| 1977 | 11 | 926 | 174 | 31 |
| 1982 | 16 | 4,203 | 1,147 | 74 |
| 1987 | 25 | 10,177 | 2,394 | 136 |
| 1992 | 50 | 20,394 | 6,028 | 250 |
| 1997 | 63 | 33,727 | 10,660 | 278 |
| 2002 | 67 | (D) | 6,021 | 183 |
| Motion picture and video exhibition (NAICS 51213): | | | | |
| 1977 1/ | 50 | 17,444 | (D) | (D) |
| 1982 | 36 | 21,329 | 3,195 | 519 |
| 1987 | 35 | (D) | (D) | (D) |
| 1992 | 34 | (D) | (D) | (D) |
| 1997 | 35 | 62,133 | 8,866 | 1,195 |
| 2002 | 42 | 96,148 | 10,310 | 1,079 |
| Video tape and disc rental (NAICS 53223): | | | | |
| 1987 | 78 | 12,319 | 2,456 | 376 |
| 1992 | 78 | 26,909 | 5,252 | 545 |
| 1997 | 81 | 23,862 | 4,346 | 451 |
| 2002 | 67 | 37,401 | 5,813 | 500 |

D Withheld to avoid disclosing data for individual companies.

1/ Data include 3 establishments without payroll.

Source: U.S. Bureau of the Census, *1977 Census of Service Industries, Hawaii*, SC77-A-12 (December 1979); *1982 Census of Service Industries, Hawaii*, SC82-A-12 (September 1984); *1982 Census of Service Industries, Motion Picture Industry*, SC82-I-4 (December 1985); *1987 Census of Service Industries, Hawaii*, SC87-A-12 (July 1989); *1992 Census of Service Industries, Hawaii*, SC92-A-12 (August 1994); *1997 Economic Census, Information, Geographic Area Series, Hawaii*, EC97S51A-HI (October 1999); *1997 Economic Census, Real Estate and Rental and Leasing, Geographic Area Series, Hawaii*, EC97F53A-HI (August 1999); *2002 Economic Census, Information, Geographic Area Series, Hawaii*, EC02-51A-HI (March 2005); *2002 Economic Census, Real Estate and Rental and Leasing, Geographic Area Series, Hawaii*, EC02-53A-HI (December 2004).

**Table 23.45-- MOTION PICTURE AND TELEVISION PRODUCTION:
2000 TO 2004**

| Subject | 2000 | 2001 | 2002 | 2003 | 2004 |
|--|-------|-------|-------|-------|-------|
| Number of features and programs filmed | 13 | 22 | 15 | 6 | 18 |
| Feature films for theater viewing | 5 | 4 | 5 | 3 | 0 |
| TV movie of the week, television episodic, specials | 7 | 18 | 10 | 3 | 14 |
| Hawaii-based TV network series | 1 | - | - | - | 4 |
| Expenditures in Hawaii (million dollars) | 136.0 | 83.3 | 147.2 | 84.0 | 164.0 |
| Commercials | 7.5 | 6.7 | 5.7 | 4.3 | 8.7 |
| Hawaii-based TV series | 20.0 | - | - | 2.5 | 100.1 |
| Feature films | 51.5 | 12.2 | 76.6 | 18.7 | 0.3 |
| TV specials/episodics/movie of week | 10.3 | 7.8 | 16.3 | 16.1 | 9.1 |
| Others (still photography, sports, exercise or music video, cable, misc.) | 12.1 | 14.8 | 13.1 | 8.4 | 11.5 |
| Documentaries/industrials/news/ educational/travelog/video stock | 2.0 | 9.2 | 2.4 | 2.5 | 2.3 |
| Annual permit holders | 10.3 | 13.0 | 11.0 | 9.5 | 9.6 |
| Private property projects | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 |
| Sports events, annual (private) | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 |
| Tax revenues generated (million dollars) | 16.5 | 10.7 | 18.6 | 10.7 | 17.4 |
| Spending effect on economy (million dollars) | 217.3 | 132.6 | 234.9 | 134.2 | 262.0 |

Source: Hawaii State Department of Business, Economic Development & Tourism, Hawaii Film Office, records.

Section 24

FOREIGN AND INTERSTATE COMMERCE

This section includes data on the flow of goods and services between Hawaii and the rest of the world, and on investment by foreign countries.

Sources for statistics on interstate and foreign commerce, and on foreign investment include the U.S. Census Bureau and the Bureau of Economic Analysis, the Hawaii State Department of Business, Economic Development & Tourism's Foreign Trade Zone No. 9 and its subzones, and the City & County of Honolulu Department of Budget & Fiscal Services. Additional information is found in waterborne cargo data compiled by the U.S. Army Corps of Engineers in Section 18.

Comparable data for the nation as a whole appear in Section 28 of the *Statistical Abstract of the United States: 2008*. Long-term island trends are summarized in *Historical Statistics of Hawaii*, Section 21.

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**Table 24.01-- FOREIGN TRADE THROUGH THE HAWAII
CUSTOMS DISTRICT: 1984 TO 2007**

[Value, in millions of dollars, of U.S. imports and exports entered or exported through the Hawaii Customs District. The data may include imports intended for consumption on the Mainland and exports originated on the Mainland]

| Year | General imports 1/ | Imports for consumption 1/ | Exports of domestic and foreign merchandise 2/ | | |
|------|--------------------|----------------------------|--|-----------------------|-------------------------|
| | | | Total through Hawaii | Origin of movement 3/ | Location of exporter 4/ |
| 1984 | 1,614.2 | 1,397.9 | 316.9 | (NA) | (NA) |
| 1985 | 1,756.3 | 1,553.1 | 388.8 | (NA) | (NA) |
| 1986 | 1,556.9 | 1,425.4 | 231.1 | (NA) | (NA) |
| 1987 | 1,770.1 | 1,558.6 | 392.8 | 151.7 | (NA) |
| 1988 | 1,839.6 | 1,559.1 | 572.6 | 130.7 | (NA) |
| 1989 | 1,970.1 | 1,735.9 | 537.4 | 160.0 | (NA) |
| 1990 | 2,260.6 | 2,100.3 | 512.2 | 178.7 | (NA) |
| 1991 | 1,620.9 | 1,892.4 | 568.3 | 147.7 | (NA) |
| 1992 | 2,395.8 | 2,119.8 | 604.2 | 206.2 | (NA) |
| 1993 | 2,426.0 | 2,218.1 | 1,099.7 | 186.6 | 216.8 |
| 1994 | 2,802.0 | 2,530.8 | 985.4 | 296.5 | 237.4 |
| 1995 | 3,027.4 | 2,703.6 | 1,072.2 | 241.1 | 255.7 |
| 1996 | 3,087.4 | 2,734.8 | 1,293.9 | 284.0 | 295.2 |
| 1997 | 3,176.8 | 2,695.0 | 1,628.0 | 334.0 | 303.2 |
| 1998 | 2,515.3 | 2,217.2 | 1,042.3 | 276.4 | 211.4 |
| 1999 | 2,598.7 | 2,298.7 | 1,182.7 | 273.6 | 243.5 |
| 2000 | 3,439.9 | 2,875.7 | 702.7 | 386.8 | 368.8 |
| 2001 | 2,606.1 | 2,285.3 | 630.9 | 369.9 | 319.1 |
| 2002 | 2,480.3 | 2,130.0 | 2,691.8 | 513.7 | 392.1 |
| 2003 | 2,428.1 | 2,021.5 | 2,521.8 | 368.2 | (NA) |
| 2004 | 2,795.3 | 2,235.9 | 1,754.1 | 404.8 | (NA) |
| 2005 | 3,700.6 | 2,918.8 | 2,416.0 | 1,028.2 | (NA) |
| 2006 | 4,852.6 | 4,171.7 | 3,215.8 | 705.7 | (NA) |
| 2007 | 5,208.4 | 4,233.9 | 4,760.5 | 560.4 | (NA) |

NA Not available.

1/ Customs value basis. Excludes vessels under their own power or afloat and shipments valued under \$251.

2/ Totals are on f.a.s. (free alongside ship) basis.

3/ Includes merchandise exports originated in Hawaii and exported through other customs districts. Not available before 1987. This methodology is based on an "Origin of Movement" which is designed to measure the transportation origin of exports, i.e. the state from which an export product began its journey to the port of exit.

4/ Not available before 1993 nor after 2002. The methodology is based on "Location of Exporter" (EL) which tracks the sales origin of exports and is best suited for export promotion or marketing purposes. Effective with the January 2003 statistics, the EL series was discontinued.

Source: U.S. Census Bureau, *Highlights of U.S. Export and Import Trade*, FT990, cumulative totals in December issues, 1984-1988; *U.S. Merchandise Trade: Selected Highlights*, FT920, December 1989 to 2007, and beginning with 2004 <http://www.census.gov/foreign-trade/Press-Release/ft920_index.html> accessed March 3, 2008; U.S. Merchandise Trade, FT900 Supplement, December issue 1989 to 2007 <http://www.census.gov/foreign-trade/Press-Release/current_press_release/press.html> accessed March 3, 2008; U.S. Census Bureau, *Statistical Abstract of the United States* (annual) and records.

**Table 24.02-- FOREIGN TRADE THROUGH THE HAWAII
CUSTOMS DISTRICT, BY CLASSIFICATION: 2003 TO 2007**

[In millions of dollars]

| Classification | 2003 | 2004 | 2005 | 2006 | 2007 |
|--|---------|---------|---------|---------|---------|
| General imports by district of entry: | | | | | |
| Customs value 1/ | 2,428.1 | 2,795.3 | 3,700.6 | 4,852.6 | 5,208.4 |
| C.i.f. value 2/ | 2,604.9 | 3,021.4 | 3,981.4 | 5,195.9 | 5,512.4 |
| General imports by district of unloading: | | | | | |
| Customs value 1/ | 4,004.9 | 4,800.6 | 6,097.4 | 6,865.0 | 7,198.8 |
| C.i.f. value 2/ | 4,237.9 | 5,113.6 | 6,478.1 | 7,283.9 | 7,566.9 |
| Imports for consumption by district of entry (customs value 1/) | 2,021.5 | 2,235.9 | 2,918.8 | 4,171.7 | 4,233.9 |
| Duty free value | 665.0 | 684.3 | 751.6 | 1,225.9 | 1,249.1 |
| Dutiable value | 1,356.5 | 1,551.5 | 2,167.2 | 2,945.8 | 2,984.8 |
| Exports of domestic & foreign merchandise by district of export (f.a.s. value 3/) | 2,521.8 | 1,754.1 | 2,416.0 | 3,215.8 | 4,760.5 |
| Exports of merchandise by origin of movement 4/ | 368.2 | 404.8 | 1,028.2 | 705.7 | 560.4 |
| Commodities | 324.6 | 335.9 | 962.2 | 568.6 | 515.0 |
| Manufactured commodities | 249.7 | 248.9 | 877.2 | 477.2 | 407.4 |
| Non-manufactured commodities | 74.9 | 87.0 | 85.0 | 91.4 | 107.6 |
| Reexports 5/ | 43.5 | 68.8 | 65.9 | 137.1 | 45.4 |

1/ Prices paid by the buyer to the seller in accordance with 1979 Trade Agreement Act amendments to the 1930 Tariff Act.

2/ Cost, insurance and freight.

3/ Free alongside ship value at U.S. port of export, based on transaction price, including inland freight, insurance, and other charges; excludes cost of loading merchandise aboard exporting carrier and also excludes freight, insurance, etc. beyond U.S. port of export.

4/ 1996-1999 had been based on 1987 Standard Industrial Classification (SIC) and beginning in 2000 based on the North American Industry Classification System. Includes merchandise exports originated in Hawaii and exported through other customs districts. Exports are by "point of origin" of their journey to export, a transportation not production basis. The U.S. Census Bureau discontinued the state export series based on the exporter location (exhibit 2a) after the December 2002 estimates.

5/ Not available by state prior to 1996 from U.S. Census Bureau, alternate source is U.S. Department of Commerce, International Trade Administration.

Source: U.S. Census Bureau, *U.S. Merchandise Trade: Selected Highlights, FT920*, December issue (annual) tables 1, 4, 5 and 6, and beginning with 2004

<http://www.census.gov/foreign-trade/Press-Release/ft920_index.html/> accessed March 3, 2008

and *U.S. Merchandise Trade, FT900 Supplement*, December issue (annual) exhibit 2

<<http://www.census.gov/foreign-trade/Press-Release/>>accessed March 3, 2008.

Table 24.03-- FOREIGN TRADE THROUGH THE HAWAII CUSTOMS DISTRICT, BY METHOD OF TRANSPORTATION: 1992 TO 2007

[Data may include imports intended for consumption on the Mainland and exports originated on the Mainland]

| Category and year | Value (million dollars) | | | Shipping weight (mil. kgs.) | |
|---------------------|-------------------------|----------|----------|-----------------------------|-------|
| | Total 1/ | Vessel | Air | Vessel | Air |
| General imports: 2/ | | | | | |
| 1992 | 2,733.60 | 1,117.26 | 1,439.90 | 4,604.17 | 15.26 |
| 1993 | 2,826.79 | 1,043.06 | 1,706.64 | 4,675.51 | 17.52 |
| 1994 | 3,160.26 | 1,059.72 | 1,992.06 | 5,328.29 | 19.28 |
| 1995 | 3,373.40 | 1,032.83 | 2,261.32 | 5,565.18 | 17.37 |
| 1996 | 3,554.76 | 1,167.70 | 2,348.64 | 5,770.20 | 18.73 |
| 1997 | 4,063.49 | 1,233.18 | 2,810.88 | 6,297.15 | 25.59 |
| 1998 | 3,393.45 | 922.44 | 2,453.54 | 5,840.69 | 24.93 |
| 1999 | 4,256.43 | 1,160.82 | 3,080.85 | 5,969.10 | 30.90 |
| 2000 | 5,630.19 | 1,734.27 | 3,833.91 | 6,436.23 | 30.32 |
| 2001 | 3,453.76 | 1,412.64 | 2,032.61 | 5,847.01 | 18.80 |
| 2002 | 3,995.89 | 1,463.64 | 2,359.94 | 5,838.85 | 31.94 |
| 2003 | 4,004.94 | 1,847.27 | 2,108.32 | 6,688.67 | 28.92 |
| 2004 | 4,800.64 | 2,390.28 | 2,389.78 | 7,019.16 | 39.75 |
| 2005 | 6,097.40 | 3,354.30 | 2,733.50 | 8,128.10 | 41.50 |
| 2006 | 6,865.00 | 4,333.10 | 2,429.10 | 8,807.30 | 35.60 |
| 2007 | 7,198.80 | 4,731.50 | 2,321.90 | 9,131.40 | 32.80 |
| Exports: 3/ | | | | | |
| 1992 | 604.23 | 153.67 | 184.64 | 677.98 | 12.54 |
| 1993 | 1,099.70 | 113.14 | 242.61 | 431.74 | 12.66 |
| 1994 | 989.42 | 166.59 | 350.03 | 999.25 | 17.52 |
| 1995 | 1,072.16 | 149.59 | 476.56 | 896.20 | 20.53 |
| 1996 | 1,293.90 | 165.91 | 452.36 | 816.56 | 21.32 |
| 1997 | 1,627.98 | 213.54 | 341.53 | 922.07 | 16.07 |
| 1998 | 1,042.27 | 153.55 | 335.51 | 719.10 | 11.96 |
| 1999 | 1,182.73 | 138.79 | 492.10 | 545.93 | 12.99 |
| 2000 | 702.72 | 214.11 | 251.90 | 694.98 | 9.40 |
| 2001 | 630.94 | 161.77 | 267.45 | 612.31 | 10.04 |
| 2002 | 2,691.80 | 168.63 | 309.51 | 502.53 | 9.33 |
| 2003 | 2,521.81 | 158.63 | 316.58 | 486.30 | 11.13 |
| 2004 | 1,754.11 | 238.15 | 319.07 | 606.56 | 8.76 |
| 2005 | 2,416.00 | 226.50 | 384.50 | 535.70 | 9.80 |
| 2006 | 3,215.80 | 310.90 | 584.30 | 567.40 | 11.60 |
| 2007 | 4,760.50 | 344.10 | 900.00 | 636.40 | 15.10 |

1/ Includes categories not tabulated by method of transportation, not shown separately.

2/ By district of unloading. Value is on customs value basis.

3/ Exports of domestic and foreign merchandise, by district of export. Value is on f.a.s. (free alongside ship) basis.

Source: U.S. Bureau of the Census, *U.S. Merchandise Trade: Selected Highlights, FT920, December* issue (annual) tables 1 and 6, and beginning with 2004

<http://www.census.gov/foreign-trade/Press-Release/ft920_index.html> accessed March 3, 2008.

**Table 24.04-- FOREIGN-TRADE ZONE AND SUBZONE OPERATIONS:
2002 TO 2006**

[Fiscal year ending September 30. Subzone No. 9-B, HFM filed deactivation request on June 29, 1999. Deactivation pending. Subzone No. 9-C, Dole Packaged Foods Co. deactivated on February 26, 1996]

| Subject | 2002 | 2003 | 2004 | 2005 | 2006 |
|--|-------------|-------------|-------------|-------------|-------------|
| Zone No. 9, General Purpose 1/: | | | | | |
| Firms using zone | 299 | 299 | 277 | 274 | 369 |
| On continuous basis | 193 | 195 | 195 | 190 | 190 |
| User employment at zone | 563 | 596 | 417 | 407 | 407 |
| Full-time employees | 374 | 407 | 159 | 144 | 144 |
| Value of merchandise (\$1,000): 2/ | | | | | |
| In/out 3/ | 520,654 | 760,239 | 934,462 | 1,427,469 | 1,646,054 |
| Exports 3/ | 142,561 | 170,704 | 216,504 | 302,641 | 320,967 |
| Revenue 4/ (\$1,000) | 1,576 | 1,613 | 1,644 | (NA) | (NA) |
| Expenditures 4/ (\$1,000) | 1,542 | 1,500 | 1,373 | (NA) | (NA) |
| Subzone No. 9-A, Tesoro Hawaii, Corp. 5/: | | | | | |
| User employment at subzone 6/ | 215 | 221 | 246 | 248 | 250 |
| Value (\$1,000): 2/ | | | | | |
| Merchandise, in/out | 1,566,753 | 1,881,243 | 2,279,901 | 3,024,247 | 4,146,225 |
| Exports | 120,714 | 109,600 | 167,471 | 178,859 | 216,978 |
| Subzone No. 9-D, Maui Pineapple Co. Ltd.: | | | | | |
| User employment at subzone 6/ | 552 | 508 | 447 | 265 | 251 |
| Value (\$1,000): 2/ | | | | | |
| Merchandise, in/out | 98,988 | 96,285 | 86,925 | 72,651 | 75,990 |
| Exports | 1,661 | 2,439 | 916 | 3,117 | 5,058 |
| Subzone No. 9-E, Chevron U.S.A. Products Co. Hawaii Refinery: | | | | | |
| User employment at subzone 6/ | 196 | 196 | 184 | 190 | 205 |
| Value (\$1,000): 2/ | | | | | |
| Merchandise, in/out | 861,127 | 1,120,151 | 1,401,817 | 1,880,721 | 2,696,645 |
| Exports | 50,030 | 42,318 | 47,470 | 83,027 | 100,412 |
| Subzone No. 9-F, Citizens Utilities Company 7/ | | | | | |
| User employment at subzone 6/ | 34 | 34 | 31 | 30 | 32 |
| Value (\$1,000): 2/ | | | | | |
| Merchandise, in/out | 38,283 | 41,013 | 50,561 | 69,300 | 97,110 |
| Exports | - | - | - | - | - |

Continued on next page.

**Table 24.04-- FOREIGN-TRADE ZONE AND SUBZONE OPERATIONS:
2002 TO 2006 -- Con.**

1/ Includes sites at Pier 2, Honolulu Harbor; Hawaii Fueling Facilities Corporation at Honolulu International Airport; and Pacific Allied Products, Ltd. at James Campbell Industrial Park. Revised to show all firms occupying facilities and those on continuous basis only and to count all employment and full-time only. Continues to be employment only at the Zone, therefore, excluding downtown or other support.

2/ Since 1994, method of calculating value of "Merchandise, in/out" and "Exports" excludes value added in subzone manufacturing activity.

3/ Beginning with 1998, includes activity at 3 General Purpose sites.

4/ Years ending June 30.

5/ On May 29, 1998 Tesoro Hawaii Corporation acquired all of the outstanding stock of BHP Petroleum Americas Refining, Inc. from BHP Hawaii.

6/ Continues to be employment only at the Zone, therefore, excluding downtown or other support site employment.

7/ On March 18, 1997, the Citizens' Utilities Company was granted its own subzone status. It was formerly part of Subzone 9-A. It is dba The Gas Company's Synthetic Natural Gas (SNG) Facility.

Source: Hawaii State Department of Business, Economic Development & Tourism, Foreign-Trade Zone No. 9, annual reports and records and <<http://www.ftz9.org/ftzview.cfm?id=34>> accessed April 26, 2007.

**Table 24.05-- COMMODITY EXPORTS TOTAL AND TO TOP
25 FOREIGN COUNTRIES: 2004 TO 2007**

[In millions of dollars. Includes merchandise exports originated in Hawaii and exported through other customs districts. Exports are by "point of origin" of their journey to export, a transportation not production basis. Countries in decreasing order of 2007 totals]

| Country | 2004 | 2005 | 2006 | 2007 |
|-----------------------------|------|-------|------|------|
| Total | 412 | 1,032 | 693 | 560 |
| Top 25 foreign countries | 389 | 966 | 630 | 548 |
| Japan | 118 | 143 | 188 | 156 |
| Singapore | 48 | 521 | 232 | 106 |
| Korea, South | 44 | 54 | 24 | 51 |
| Australia | 17 | 3 | 9 | 38 |
| China | 34 | 139 | 26 | 29 |
| El Salvador | - | - | 25 | 29 |
| Canada | 21 | 17 | 16 | 21 |
| Hong Kong | 15 | 6 | 6 | 19 |
| United Kingdom | 9 | 10 | 19 | 16 |
| Malaysia | - | 8 | 9 | 16 |
| Philippines | 7 | 10 | 11 | 12 |
| Thailand | 23 | 9 | 15 | 10 |
| Costa Rica | - | 2 | 3 | 8 |
| French Polynesia | 1 | - | - | 6 |
| Taiwan | 11 | 1 | 2 | 5 |
| Federal Republic of Germany | 7 | 7 | 6 | 5 |
| New Zealand | 23 | 8 | 1 | 3 |
| Netherlands | 2 | 1 | 4 | 3 |
| Mexico | 1 | 1 | 4 | 3 |
| Vietnam | (1/) | 8 | 1 | 2 |
| France | 3 | 2 | 2 | 2 |
| Indonesia | 1 | 13 | 23 | 2 |
| Italy | 1 | - | 1 | 2 |
| South Africa | - | - | 1 | 2 |
| Sweden | 1 | - | 1 | 1 |

1/ Value rounds to zero.

Source: U.S. Census Bureau, Foreign-Trade Division "Total U.S. Exports (Origin of Movement) via Hawaii - Top 25 Countries Based on 2007 Dollar Value"

<<http://www.census.gov/foreign-trade/statistics/state/data/hi.html>> accessed May 2, 2008.

**Table 24.06-- TOTAL AND TOP 25 CATEGORIES OF COMMODITY
EXPORTS TO FOREIGN COUNTRIES: 2004 TO 2007**

[In millions of dollars. Includes merchandise exports originated in Hawaii and exported through other customs districts. Exports are by "point of origin" of their journey to export, a transportation not production basis. Top 25 based on 2007 values]

| Country | 2004 | 2005 | 2006 | 2007 |
|---|------|-------|------|------|
| All commodities | 412 | 1,032 | 693 | 560 |
| Top 25 commodities | 224 | 868 | 510 | 421 |
| Light oils & preps, not crude from petroleum & bituminous mineral | 93 | 99 | 88 | 142 |
| Oil (not crude) from petrol & bituminous mineral, etc. | 16 | - | 65 | 45 |
| Water, mineral & aerated natural/artificial not sweetened/flower | 3 | 7 | 12 | 39 |
| Ferrous waste & scrap NESOI | 36 | 36 | 26 | 39 |
| Airplane & OT A/C, unladen weight > 15,000 kg. | 21 | 640 | 236 | 26 |
| Parts of airplanes or helicopters, NESOI | 9 | 14 | 14 | 24 |
| Cocoa preparations, not in bulk form, NESOI | 9 | 10 | 12 | 13 |
| Airplane & A/C, unladen weight > 2,000 NOV 15,000 kg. | - | - | - | 8 |
| Papayas (papaws), fresh | 8 | 8 | 8 | 8 |
| Motorcycles, cycles, exceed 800 cc. | 3 | 5 | 4 | 8 |
| Rec (waste & scrap) paper or paperboard, BL CH pulp, etc. | 1 | 2 | 2 | 6 |
| Waste, scrap unbleach kraft, corrugated paper/paperboard | 3 | 4 | 4 | 6 |
| Aluminum waste and scrap | 4 | 4 | 7 | 6 |
| Mach for reception/convr/trans/regm of voice/image/data | - | - | - | 6 |
| Alloy steel waste and scrap, not stainless | (1/) | - | - | 5 |
| Electrical parts of machinery NESOI in Chapter 85 | - | - | - | 5 |
| Copper waste and scrap | 2 | 1 | 3 | 5 |
| Coffee, not roasted, not decaffeinated | 3 | 4 | 5 | 5 |
| Other instruments, specifically designed for telecommunication | - | 1 | (1/) | 5 |
| Bomb mines OT ammunition projections, etc. and parts | - | - | - | 4 |
| Exports of military equipment, not identified | 4 | 26 | 14 | 4 |
| Transmission app. incorp. Reception, for radio or TV | - | - | - | 4 |
| Shrimps/prawns inc. live, fr/ch/dried/salted/in brine | 2 | 2 | 3 | 4 |
| Seaweeds & other algae fresh or dried, not ground | 5 | 3 | 6 | 4 |
| Passenger vehicles spk-ig int com rcpr p eng > 3,000 cc. | (1/) | - | - | 3 |

1/ Value rounds to zero.

Source: U.S. Census Bureau, Foreign-Trade Division "Total U.S. Exports (Origin of Movement) via Hawaii - Top 25 6-digit HS Commodities Based on 2007 Dollar Value"

<<http://www.census.gov/foreign-trade/statistics/state/data/hi.html>> accessed May 2, 2008.

**Table 24.07--FOREIGN AGRICULTURAL EXPORTS FOR HAWAII AND
THE UNITED STATES: 1998 TO 2007**

[In millions of dollars. Reported for fiscal year ending September 30. Annual estimates of U.S. exports by State and commodity group based on each State's share of U.S. agricultural production]

| Year | Hawaii | United States | Year | Hawaii | United States |
|---------|--------|---------------|---------|--------|---------------|
| 1998 1/ | 81.1 | 53,661.6 | 2003 1/ | 79.9 | 56,014.0 |
| 1999 1/ | 83.6 | 49,118.3 | 2004 1/ | 88.6 | 62,408.8 |
| 2000 1/ | 80.6 | 50,761.8 | 2005 2/ | 95.1 | 62,516.3 |
| 2001 1/ | 73.3 | 52,716.9 | 2006 3/ | 93.2 | 68,592.7 |
| 2002 1/ | 66.8 | 53,319.3 | 2007 | 87.6 | 81,947.1 |

1/ Hawaii estimates revised from previous *Data Book*.

2/ United States estimates revised from previous *Data Book*.

3/ Both Hawaii and United States estimates revised from previous *Data Book*.

Source: U.S. Department of Agriculture, Economic Research Service, "Commodity exports by State historical (time-series) data for all States and commodity groups, 1998-2007" (June 30, 2008)
<<http://www.ers.usda.gov/Data/StateExports/>> accessed July 2, 2008.

**Table 24.08-- FOREIGN AGRICULTURAL EXPORTS, BY COMMODITY
GROUP FOR HAWAII AND THE UNITED STATES: 2002 TO 2007**

[In millions of dollars. For fiscal year ending September 30. Source data for Hawaii 2002 to 2004 and 2006 were revised. United States data for 2005 and 2006 were revised]

| Export | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Hawaii total 1/ | 66.8 | 79.9 | 88.6 | 95.1 | 93.2 | 87.6 |
| Wheat and products | 0.0 | 6.6 | 7.4 | 8.1 | 8.5 | 10.7 |
| Fruit and preps. | 32.5 | 35.6 | 46.4 | 54.2 | 49.8 | 38.4 |
| Tree nuts | 12.6 | 15.1 | 10.9 | 7.6 | 7.6 | 7.9 |
| Live animals and meat | 1.5 | 1.6 | 1.1 | 1.0 | 1.3 | 1.5 |
| Hides and skins | 0.5 | 0.4 | 0.4 | 0.4 | 0.5 | 0.5 |
| Poultry and products | 0.4 | 0.4 | 0.3 | 0.4 | 0.3 | 0.3 |
| Fats, oils, and greases | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 |
| Feeds and fodders | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Seeds | 1.0 | 0.5 | 0.6 | 0.5 | 0.3 | 0.7 |
| Other 2/ | 17.9 | 19.4 | 21.2 | 22.4 | 24.5 | 27.2 |
| United States total | 53,319.3 | 56,014.0 | 62,408.8 | 62,516.3 | 68,592.7 | 81,947.1 |
| Wheat and products | 4,777.3 | 5,307.7 | 6,626.1 | 5,880.0 | 6,140.8 | 8,457.7 |
| Rice | 832.7 | 1,021.3 | 1,307.2 | 1,355.6 | 1,420.6 | 1,403.3 |
| Feed grains | 6,795.6 | 6,684.3 | 8,253.7 | 6,898.0 | 8,594.1 | 11,847.7 |
| Soybeans and products | 7,332.1 | 8,269.8 | 9,059.3 | 8,805.8 | 8,244.3 | 11,027.2 |
| Sunflowerseed and products | 218.2 | 117.4 | 170.1 | 143.5 | 192.4 | 196.1 |
| Peanuts and products | 258.3 | 187.7 | 219.1 | 217.5 | 224.7 | 249.2 |
| Cotton and linters | 2,051.6 | 2,853.7 | 4,534.2 | 3,879.5 | 4,677.9 | 4,305.3 |
| Cottonseed and products | 86.9 | 97.5 | 102.7 | 108.5 | 97.0 | 123.7 |
| Unmanfctd.tobacco | 1,148.4 | 1,001.2 | 1,049.6 | 988.4 | 1,058.4 | 1,143.9 |
| Fruit and preps. | 3,449.8 | 3,554.0 | 3,839.3 | 4,093.7 | 4,580.3 | 5,026.3 |
| Tree nuts | 1,232.8 | 1,489.9 | 1,924.5 | 2,499.7 | 3,008.6 | 3,024.1 |
| Vegetables and preps. | 3,120.5 | 3,097.8 | 3,291.3 | 3,631.9 | 3,908.6 | 4,296.7 |
| Live animals and meat | 6,098.5 | 6,279.7 | 4,417.5 | 4,922.7 | 5,832.2 | 6,787.0 |
| Hides and skins | 1,777.3 | 1,785.4 | 1,763.3 | 1,748.1 | 1,978.2 | 2,159.3 |
| Poultry and products | 2,280.1 | 2,103.7 | 2,519.2 | 3,028.7 | 2,966.9 | 3,776.9 |
| Fats, oils, and greases | 428.0 | 539.4 | 574.1 | 479.4 | 477.8 | 749.1 |
| Dairy products | 1,031.4 | 1,030.2 | 1,325.0 | 1,744.5 | 1,820.2 | 2,518.0 |
| Feeds and fodders | 1,950.5 | 1,998.6 | 2,032.2 | 2,210.6 | 2,493.2 | 2,886.1 |
| Seeds | 833.3 | 802.9 | 865.4 | 916.3 | 870.7 | 936.3 |
| Other 2/ | 7,616.2 | 7,791.8 | 8,535.2 | 8,963.9 | 10,005.8 | 11,033.5 |

1/ Rice, feed grains, soybeans and products, sunflowerseed and products, peanuts and products, cotton and linters, cottonseed and products, dairy products, and unmanufactured tobacco are zero for this period.

2/ Other includes sugar and tropical products, minor oilseeds, essential oils, beverages other than juice, nursery and greenhouse, wine, and misc. horticultural and vegetable products.

Source: U.S. Department of Agriculture, Economic Research Service, "Commodity exports by State historical (time-series) data for all States and commodity groups, 1998-2007" (June 30, 2008)

<<http://www.ers.usda.gov/Data/StateExports/>> accessed July 2, 2008.

**Table 24.09-- PROFILE OF EXPORTING COMPANIES, UNITED STATES
AND HAWAII: 2005 AND 2006**

[In number, millions of dollars, and percent]

| Characteristic | 2005 Exports | | 2006 Exports | |
|-----------------------------------|--------------|--------|--------------|--------|
| | U.S. | Hawaii | U.S. | Hawaii |
| State of origin of movement 1/ | | | | |
| Value of exports | 905,978 | 1,028 | 1,036,635 | 706 |
| Value as percent of total | 100.0 | 0.1 | 100.0 | 0.1 |
| Known value 2/ | 3/ 789,877 | 960 | 910,465 | 645 |
| Percent of known value | 100.0 | 0.1 | 100.0 | 0.1 |
| Number of exporters | 3/ 240,376 | 3/ 715 | 245,945 | 742 |
| Percent of number of exporters | 100.0 | 0.3 | 100.0 | 0.3 |
| Percent change from previous year | | | | |
| Value as percent of total | (NA) | (NA) | 14.4 | -31.4 |
| Percent of known value | (NA) | (NA) | 15.3 | -32.8 |
| Percent of number of exporters | (NA) | (NA) | 2.3 | 3.8 |

NA Not available.

1/ The Exporter Location designation has not been reported as of the 2000-2001 publication and had been discontinued as of January 2003. See <<http://www.census.gov/foreign-trade/Press-Release/notice.html>>.

2/ Defined as portion of total U.S. exports that could be matched to specific companies.

3/ Revised from previous *Data Book*.

Source: U.S. Census Bureau, *Profile of U.S. Exporting Companies, 2005-2006* (pp. 25-26)
<<http://www.census.gov/foreign-trade/Press-Release/edb/2006/#full>> accessed March 5, 2008.

**Table 24.10-- AGRICULTURAL LANDHOLDINGS OF FOREIGN OWNERS:
2003 TO 2007**

[The source report is required annually under section 5 of the U.S. Agricultural Foreign Investment Disclosure Act of 1978. Under the Act, any person who holds an Immigration and Naturalization Service Form I-151 or I-551 (green card) is exempt from filing. For 2000 to 2005, approximate landarea as established by the U.S. Census Bureau in conjunction with the 1990 Census of Population there were 4,111,000 acres of land in the state and for 2006 and 2007, 4,110,720 acres with the 2000 Census. Data are as of February 28, 2003 through 2007]

| Subject | 2003 | 2004 | 2005 | 2006 | 2007 |
|---|------------------|------------------|------------------|------------------|------------------|
| Parcels owned by foreigners | 99 | 100 | 103 | 104 | 105 |
| Privately owned agricultural land (1,000's) 1/ Acres owned by foreigners | 1,986 167,164 | 1,986 167,206 | 1,986 167,600 | 1,803 167,627 | 1,803 168,008 |
| Percent of all privately owned agric. land 2/ | 8.4 | 8.4 | 8.4 | 9.3 | 9.3 |

1/ Preliminary estimate based on unpublished USDA, Economic Research Service 1997 data through 2005, and for 2006-2007, similar unpublished 2002 data of Ruben Lubowski, Economic Research Service. Total land area minus federal, state, county and municipal; Indian Trust; rural transportation; and urban lands. Includes forest land, pasture land, cropland, range, and miscellaneous. Estimates of urban and rural transportation lands are from U.S. Department of Agriculture, Economic Research Service, 2006 and estimates of federal and other public lands are from the General Services Administration, 2001 and National Resource Conservation Service, 2000 respectively.

2/ The 2007 percentage for Hawaii ranked 2nd (rank of 1 assigned to the highest) among the 50 States, exceeded only by Maine at 18.5 percent and well above the national percentage of 1.6 percent.

Source: U.S. Department of Agriculture, Farm Service Agency, *Foreign Ownership of U. S. Agricultural Land Through February 28, 2003* (annual thereafter), reports 1 and 3. See also <<http://www.fsa.usda.gov/FSA/webapp?area=home&subject=ecpa&topic=afa>>.

Table 24.11-- AGRICULTURAL AND NONAGRICULTURAL LANDHOLDINGS OF FOREIGN OWNERS, BY COUNTRY AND BY COUNTY: 2006 AND 2007

[The source report is required annually under section 5 of the U.S. Agricultural Foreign Investment Disclosure Act of 1978. Under the Act, any person who holds an Immigration and Naturalization Service Form I-151 or I-551 (green card) is exempt from filing. Based on a 2000 estimate from the U.S. Census Bureau Geography Division, there were 4,111,720 acres of land. Privately-owned: land area minus federal, state, county and municipal; Indian Trust; rural transportation; and urban lands. Includes forest land, pasture land, cropland, range, and miscellaneous.]

| Subject | State total | Honolulu | Hawaii | Kauai | Maui |
|--|-------------|----------|---------|-------|--------|
| 2006 | | | | | |
| Parcels owned by foreigners | 104 | 10 | 70 | 6 | 18 |
| Use of agricultural landholdings of foreign owners | 172,238 | 5,304 | 105,670 | 7,915 | 53,349 |
| Cropland | 41,761 | 994 | 37,915 | 132 | 2,720 |
| Pasture | 84,708 | - | 34,196 | 2,844 | 47,668 |
| Forest | 7,071 | - | 1,730 | 4,201 | 1,140 |
| Other agriculture | 34,087 | 1,117 | 30,656 | 697 | 1,617 |
| Non agriculture | 4,611 | 3,193 | 1,173 | 41 | 204 |
| Acres owned by foreigners | 172,238 | 5,304 | 105,670 | 7,915 | 53,349 |
| Canada | 76 | - | 66 | - | 10 |
| France | 38 | - | - | - | 38 |
| Germany | 434 | - | 23 | 384 | 27 |
| Switzerland | 258 | - | - | 258 | - |
| United Kingdom | 3,128 | - | 3,128 | - | - |
| All others | 168,304 | 5,304 | 102,453 | 7,273 | 53,274 |
| 2007 | | | | | |
| Parcels owned by foreigners | 105 | 10 | 71 | 6 | 18 |
| Use of agricultural landholdings of foreign owners | 172,619 | 5,304 | 106,051 | 7,915 | 53,349 |
| Cropland | 41,761 | 994 | 37,915 | 132 | 2,720 |
| Pasture | 85,089 | - | 34,577 | 2,844 | 47,668 |
| Forest | 7,071 | - | 1,730 | 4,201 | 1,140 |
| Other agriculture | 34,087 | 1,117 | 30,656 | 697 | 1,617 |
| Non agriculture | 4,611 | 3,193 | 1,173 | 41 | 204 |
| Acres owned by foreigners | 172,619 | 5,304 | 106,051 | 7,915 | 53,349 |
| Canada | 76 | - | 66 | - | 10 |
| Germany | 434 | - | 23 | 384 | 27 |
| Netherlands | 3,711 | - | 3,711 | - | - |
| United Kingdom | 3,128 | - | 3,128 | - | - |
| All others | 165,270 | 5,304 | 99,123 | 7,531 | 53,312 |

Source: U.S. Department of Agriculture, Farm Service Agency, *Foreign Ownership of U. S. Agricultural Land Through February 28, 2006*, reports 1, 2 and 3; and *Ibid. February 28, 2007*. See also <<http://www.fsa.usda.gov/FSA/webapp?area=home&subject=ecpa&topic=afa>>.

Table 24.12-- FOREIGN DIRECT INVESTMENT IN HAWAII IN GROSS PROPERTY, PLANT, AND EQUIPMENT OF NONBANK AFFILIATES, BY COUNTRY OF ULTIMATE BENEFICIAL OWNER: 1977 TO 2005

[Data for Hawaii nonbank affiliates owned 10 percent or more, directly or indirectly, by a foreign person. Amounts are book values, in millions of dollars. 1981-1983 Hawaii totals are estimated based on historical shares and growth rates]

| Year | All countries | Asia & Pacific | Japan | Australia, etc. 1/ | Other Asia & Pacific | Canada | Europe | Lat. Amer. & oth. W. Hem. | Other, subtotal 2/ |
|---------|---------------|----------------|--------|--------------------|----------------------|--------|--------|---------------------------|--------------------|
| 1977 | 672 | (NA) | 374 | 1 | (NA) | 31 | 83 | (D) | (D) |
| 1978 | 742 | (NA) | 407 | 1 | (NA) | 37 | 69 | 3 | 225 |
| 1979 | 789 | (NA) | 445 | 1 | (NA) | 51 | 109 | 5 | 178 |
| 1980 | 1,020 | (NA) | 565 | (D) | (NA) | 115 | 119 | 18 | (D) |
| 1981 | 1,158 | (NA) | 664 | 2 | (NA) | 94 | 134 | 16 | (D) |
| 1982 | 1,366 | (NA) | 758 | (D) | (NA) | 96 | 213 | 17 | (D) |
| 1983 | 1,460 | (NA) | 1,098 | (D) | (NA) | 93 | (D) | 18 | (D) |
| 1984 | 1,691 | (NA) | 1,203 | (D) | (NA) | 96 | 187 | 18 | (D) |
| 1985 | 1,777 | (NA) | 1,278 | 102 | (NA) | 99 | 129 | 20 | 149 |
| 1986 | 2,013 | (NA) | 1,442 | 109 | (NA) | 113 | 171 | 32 | 146 |
| 1987 | 3,474 | 3,201 | 2,969 | 125 | 107 | 66 | 134 | 66 | 7 |
| 1988 | 4,990 | 4,570 | 4,235 | 136 | 199 | 78 | 261 | 73 | 8 |
| 1989 | 8,224 | 7,660 | 6,757 | 666 | 237 | 88 | 368 | 97 | 11 |
| 1990 | 11,830 | 10,872 | 9,960 | (D) | (D) | 68 | 759 | 119 | (D) |
| 1991 | 13,921 | 12,853 | 11,866 | 736 | 251 | 80 | 837 | 139 | 12 |
| 1992 | 15,454 | 14,630 | 13,601 | 738 | 291 | 121 | 487 | 209 | 7 |
| 1993 | 16,030 | 15,137 | 13,935 | 867 | 335 | 183 | 487 | 217 | 6 |
| 1994 | 16,185 | 15,289 | 13,948 | 858 | 483 | 198 | 454 | 230 | 14 |
| 1995 | 15,972 | 14,958 | 13,372 | (D) | (D) | 227 | 507 | 218 | (D) |
| 1996 | 15,324 | 14,342 | 12,980 | (D) | (NA) | 55 | 677 | 172 | (NA) |
| 1997 | 14,805 | 13,478 | 12,516 | (D) | (D) | 108 | 870 | 222 | 127 |
| 1998 | 12,941 | 11,377 | 10,962 | 33 | 382 | 152 | 985 | 299 | 128 |
| 1999 | 11,460 | 10,113 | 9,689 | 35 | 389 | 118 | 823 | 274 | 132 |
| 2000 | 10,369 | 8,983 | 8,452 | 36 | 495 | 28 | 948 | 272 | 138 |
| 2001 | 9,787 | 8,354 | 7,924 | 38 | 392 | 28 | 1,049 | 246 | 110 |
| 2002 3/ | 7,816 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2003 3/ | 7,579 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2004 3/ | 6,741 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2005 3/ | 6,626 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |

D Withheld to avoid disclosing data for individual companies.

NA Not available.

1/ Figures for Australia include New Zealand and South Africa for 1977-86 but exclude these countries thereafter.

2/ Figures for Other subtotal include New Zealand and South Africa for 1987-1998 but exclude these countries for 1977-86. Figures for Other subtotal include Middle East, Africa less South Africa, Other Asia and Pacific less New Zealand, and United States for those years.

3/ Beginning with 2002, the survey data was largely tabulated for majority-owned (50 percent or more foreign direct investor) affiliates. See also table 24.17. 2004 estimate has been revised from previous *Data Book* and 2005 estimate is preliminary.

Source: U.S. Department of Commerce, *Foreign Direct Investment in the United States, Operations of U.S. Affiliates of Foreign Companies* (annual) and *Foreign Direct Investment in the United States: Benchmark Survey, Final Results* (various years) and <<http://www.bea.gov/bea/ai/newiid.htm>> accessed January 28, 2008; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 24.13-- EMPLOYMENT OF NONBANK AFFILIATES IN HAWAII, BY COUNTRY OF AFFILIATE: 1977 TO 2005

[Data for Hawaii nonbank affiliates owned 10 percent or more, directly or indirectly, by a foreign person. Employment in thousands]

| Year | All countries | Asia & Pacific | Japan | Australia, etc. 1/ | Other Asia & Pacific | Canada | Europe | Lat. Amer. & oth. W. Hem. | Other, subtotal 2/ |
|---------|---------------|----------------|-------|--------------------|----------------------|--------|--------|---------------------------|--------------------|
| 1977 | 11.4 | (NA) | 7.3 | 0.1 | (NA) | 0.3 | 0.5 | (D) | (D) |
| 1978 | 11.9 | (NA) | 7.2 | (D) | (NA) | 0.4 | 0.8 | (D) | 3.1 |
| 1979 | 14.7 | (NA) | 8.6 | (D) | (NA) | 0.6 | 1.3 | (D) | 3.4 |
| 1980 | 15.5 | (NA) | 9.0 | (D) | (NA) | 0.7 | 1.5 | (D) | (D) |
| 1981 | 17.0 | (NA) | 9.1 | (D) | (NA) | 0.7 | 1.6 | 1.1 | (D) |
| 1982 | 16.4 | (NA) | 9.3 | 0.4 | (NA) | 0.6 | 2.2 | (D) | (D) |
| 1983 | 16.3 | (NA) | 9.7 | (D) | (NA) | 0.6 | 1.7 | 0.7 | (D) |
| 1984 | 16.5 | (NA) | 9.8 | (D) | (NA) | 0.5 | 2.2 | 0.8 | (D) |
| 1985 | 18.7 | (NA) | 11.7 | (D) | (NA) | 0.5 | 1.6 | 0.8 | (D) |
| 1986 | 18.4 | (NA) | 10.9 | 1.1 | (NA) | 0.7 | 1.8 | 2.1 | 1.8 |
| 1987 | 27.3 | 22.8 | 20.6 | 1.4 | 0.8 | 0.7 | 1.0 | (D) | (D) |
| 1988 | 34.8 | 27.2 | 24.3 | 1.5 | 1.4 | 0.8 | 3.2 | 3.5 | 1.5 |
| 1989 | 45.0 | 36.1 | 30.3 | 2.6 | 3.2 | 0.8 | 4.0 | 3.7 | 3.6 |
| 1990 | 53.0 | 42.3 | 36.0 | 2.7 | 3.6 | 0.7 | 6.2 | 3.6 | 3.8 |
| 1991 | 56.0 | 44.8 | 38.3 | 3.2 | 3.3 | 0.7 | 6.1 | 4.0 | 3.7 |
| 1992 | 53.8 | 42.1 | 36.5 | 3.3 | 2.3 | 0.5 | 6.5 | 4.0 | 3.0 |
| 1993 | 52.4 | 43.1 | 37.5 | 3.5 | 2.1 | 1.5 | 3.6 | 4.0 | 2.3 |
| 1994 | 50.8 | 40.4 | 37.0 | 1.4 | 2.0 | 1.4 | 4.0 | 4.7 | 0.3 |
| 1995 | 48.9 | 37.7 | 34.3 | 1.7 | 1.7 | 1.6 | 4.3 | 4.6 | 0.7 |
| 1996 | 47.5 | 36.0 | 32.6 | 1.5 | 1.9 | 0.9 | 6.8 | 2.9 | 0.9 |
| 1997 | 50.2 | 37.5 | 34.0 | (D) | (D) | 1.5 | 7.0 | 2.9 | (D) |
| 1998 | 45.4 | 31.9 | 30.6 | (D) | (D) | 1.5 | 6.8 | 4.0 | 1.2 |
| 1999 | 44.3 | 31.5 | 29.9 | (3/) | (D) | 0.9 | 7.1 | 3.7 | 1.1 |
| 2000 | 44.8 | 29.9 | 28.5 | (D) | (D) | 1.3 | 8.5 | 3.8 | 1.3 |
| 2001 | 41.0 | 27.5 | 26.2 | (D) | (NA) | 0.8 | 7.9 | 3.9 | 0.9 |
| 2002 4/ | 37.1 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2003 4/ | 35.6 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2004 4/ | 31.5 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2005 4/ | 30.8 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |

D Withheld to avoid disclosing data for individual companies.

NA Not available.

1/ Figures for Australia include New Zealand and South Africa for 1977-86 but exclude these countries thereafter.

2/ Figures for Other subtotal include New Zealand and South Africa for 1987-1998 but exclude these countries for 1977-86. Figures for Other subtotal include Middle East, Africa less South Africa, Other Asia and Pacific less New Zealand, and United States for those years.

3/ Fewer than 50 employees.

4/ Beginning with 2002, the survey data was largely tabulated for majority-owned (50 percent or more foreign direct investor) affiliates. See also table 24.17. Estimate for 2004 has been revised from previous *Data Book* and 2005 estimate is preliminary.

Source: U.S. Department of Commerce, *Foreign Direct Investment in the United States, Operations of U.S. Affiliates of Foreign Companies* (annual) and *Foreign Direct Investment in the United States: Benchmark Survey, Final Results* (various years) and <<http://www.bea.gov/bea/ai/newiid.htm>> accessed January 28, 2008; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 24.14-- FOREIGN DIRECT INVESTMENT IN HAWAII IN GROSS PROPERTY, PLANT, AND EQUIPMENT OF NONBANK AFFILIATES, BY INDUSTRY OF AFFILIATE: 1977 TO 2005

[Investment by Hawaii nonbank affiliates of U.S. business enterprises owned 10 percent or more, directly or indirectly, by a foreign person. In millions of dollars. Data for 1996 are the last year presented according to the International Survey Industry based on the 1987 Standard Industrial Classification. See Table 24.16 for detailed 1997-2001 estimates]

| Year | All industries | Petroleum | Manufacturing | Wholesale trade | Retail trade | Finance, nonbank | Insurance | Real estate | Services & other | Services | Other |
|---------|----------------|-----------|---------------|-----------------|--------------|------------------|-----------|-------------|------------------|----------|-------|
| 1977 | 672 | 16 | 8 | 5 | 54 | 0 | 1 | 233 | 354 | (NA) | (NA) |
| 1978 | 742 | 17 | 12 | 8 | 57 | 1 | 1 | 246 | 400 | (NA) | (NA) |
| 1979 | 789 | 17 | 14 | 7 | 65 | 1 | 1 | 256 | 427 | (NA) | (NA) |
| 1980 | 1,020 | (D) | (D) | 17 | 52 | (D) | 2 | 431 | 474 | (NA) | (NA) |
| 1981 | 1,158 | (D) | 24 | (D) | (D) | 1 | 2 | 494 | 501 | (NA) | (NA) |
| 1982 | 1,366 | 21 | 38 | 24 | 80 | (D) | 1 | 584 | (D) | (NA) | (NA) |
| 1983 | 1,460 | 22 | 40 | 28 | 253 | 10 | 1 | 558 | (D) | (NA) | (NA) |
| 1984 | 1,691 | 23 | 73 | 56 | 274 | 3 | 3 | 605 | 653 | (NA) | (NA) |
| 1985 | 1,777 | 26 | 103 | 60 | 281 | 3 | 2 | 584 | 719 | (NA) | (NA) |
| 1986 | 2,013 | 31 | 157 | 61 | 280 | 4 | 1 | 713 | 767 | (NA) | (NA) |
| 1987 | 3,474 | 26 | 129 | 44 | 297 | 3 | (D) | 991 | (D) | 1,860 | (D) |
| 1988 | 4,990 | 28 | 201 | 91 | 322 | 3 | 8 | 1,739 | 2,598 | 2,371 | 227 |
| 1989 | 8,224 | (D) | 247 | 179 | 340 | 10 | 15 | 2,380 | (D) | 4,309 | (D) |
| 1990 | 11,830 | (D) | 368 | 189 | 490 | 17 | 15 | 3,868 | (D) | 5,855 | (D) |
| 1991 | 13,921 | (D) | 386 | 212 | 535 | 82 | 13 | 4,069 | (D) | 7,385 | (D) |
| 1992 | 15,454 | (D) | 290 | (D) | 564 | 222 | 17 | 5,075 | 8,450 | 7,939 | 511 |
| 1993 | 16,030 | (D) | 296 | 258 | 570 | 300 | (D) | 4,907 | 8,970 | 8,454 | 516 |
| 1994 | 16,185 | (D) | 308 | 257 | 597 | 306 | 18 | 4,615 | (D) | 8,863 | (D) |
| 1995 | 15,972 | (D) | 319 | 168 | 626 | (D) | 21 | 4,374 | 9,255 | 8,480 | 775 |
| 1996 | 15,324 | (D) | 279 | 181 | 739 | 205 | (D) | 4,167 | 8,830 | 8,072 | 758 |
| 1997 | 14,805 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 1998 | 12,941 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 1999 | 11,460 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2000 | 10,369 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2001 | 9,787 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2002 1/ | 7,816 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2003 1/ | 7,579 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2004 1/ | 6,741 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2005 1/ | 6,626 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |

D. Withheld to avoid disclosing data for individual companies.

NA. Not available.

1/ Beginning with 2002, the survey data was largely tabulated for majority-owned (50 percent or more foreign direct investor) affiliates. See also table 24.17. Estimate for 2004 has been revised from previous *Data Book* and estimate for 2005 is preliminary.

Source: U.S. Department of Commerce, *Foreign Direct Investment in the United States, Operations of U.S. Affiliates of Foreign Companies* (annual) and *Foreign Direct Investment in the United States: Benchmark Survey, Final Results* (various years) and <<http://www.bea.gov/bea/ai/newiid.htm>> accessed January 28, 2008 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 24.15-- EMPLOYMENT OF NONBANK AFFILIATES IN HAWAII,
BY INDUSTRY OF AFFILIATE: 1977 TO 2005**

[Data for Hawaii nonbank affiliates of U.S. business enterprises owned 10 percent or more, directly or indirectly, by a foreign person. Employment in thousands. Employment less than 500 are rounded to zero. Data for 1996 are the last year presented according to the International Survey Industry based on the 1987 Standard Industrial Classification. See Table 24.16 for detailed 1997-2001 estimates]

| Year | All industries 1/ | Petro-leum | Manufac-turing | Whole-sale trade | Retail trade | Finance, nonbank | Insur-ance | Real estate | Services & other | Services | Other |
|---------|-------------------|------------|----------------|------------------|--------------|------------------|------------|-------------|------------------|----------|-------|
| 1977 | 11.4 | (D) | 0.6 | 0.4 | 2.9 | - | 0.2 | 0.2 | (D) | (NA) | (NA) |
| 1978 | 11.9 | (D) | 0.8 | 0.6 | 3.2 | - | 0.2 | 0.2 | (D) | (NA) | (NA) |
| 1979 | 14.7 | (D) | 1.3 | 0.7 | 4.0 | - | 0.2 | 0.3 | (D) | (NA) | (NA) |
| 1980 | 15.5 | (D) | 1.3 | 0.8 | 4.0 | (D) | 0.3 | 0.5 | (D) | (NA) | (NA) |
| 1981 | 17.0 | (D) | 1.3 | 0.8 | 5.4 | 0.1 | 0.3 | 0.8 | (D) | (NA) | (NA) |
| 1982 | 16.4 | (D) | 1.9 | 0.7 | 4.2 | 0.3 | (D) | 0.7 | 8.4 | (NA) | (NA) |
| 1983 | 16.3 | (D) | 1.4 | 0.8 | 4.5 | 0.3 | 0.2 | 0.7 | (D) | (NA) | (NA) |
| 1984 | 16.5 | (D) | 2.0 | 2.0 | 4.4 | 0.2 | 0.3 | 0.5 | (D) | (NA) | (NA) |
| 1985 | 18.7 | (D) | 2.0 | 1.8 | 5.0 | 0.2 | 0.3 | 1.0 | (D) | (NA) | (NA) |
| 1986 | 18.4 | (D) | 2.4 | 2.0 | 4.5 | 0.2 | 0.2 | 1.3 | (D) | (NA) | (NA) |
| 1987 | 27.3 | - | 1.3 | 1.3 | 5.1 | 0.2 | 1.4 | 0.6 | 17.4 | 11.0 | 6.4 |
| 1988 | 34.8 | - | 2.1 | 2.9 | 5.3 | 0.2 | 0.4 | 1.8 | 22.2 | 13.2 | 9.0 |
| 1989 | 45.0 | 0.8 | 2.3 | 4.0 | 5.3 | 0.2 | 1.0 | 2.0 | 29.5 | 16.9 | 12.6 |
| 1990 | 53.0 | 0.9 | 2.8 | 4.2 | 7.1 | 0.2 | 1.0 | 3.5 | 33.4 | 21.2 | 12.2 |
| 1991 | 56.0 | (D) | 2.7 | 4.7 | (D) | 0.2 | 1.1 | (D) | 35.5 | 23.0 | 12.5 |
| 1992 | 53.8 | (D) | 3.5 | 4.1 | 7.8 | 0.2 | (D) | 3.1 | 32.9 | 23.8 | 9.1 |
| 1993 | 52.4 | 1.3 | 2.3 | 4.2 | 7.8 | 0.1 | 1.0 | 3.4 | 32.4 | 25.0 | 7.4 |
| 1994 | 50.8 | 1.0 | 2.4 | 3.5 | 7.8 | 0.2 | 0.9 | 2.6 | 32.5 | 26.0 | 6.5 |
| 1995 | 48.9 | (1/) | 2.4 | 1.9 | 9.1 | 0.1 | (2/) | 2.6 | 30.6 | 23.4 | 7.2 |
| 1996 | 47.5 | (1/) | 2.2 | 1.5 | (3/) | 0.1 | 0.9 | 2.2 | 29.5 | 22.2 | 7.3 |
| 1997 | 50.2 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 1998 | 45.4 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 1999 | 44.3 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2000 | 44.8 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2001 | 41.0 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2002 4/ | 37.1 | (NA) | 1.0 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2003 4/ | 35.6 | (NA) | 0.7 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2004 4/ | 31.5 | (NA) | 0.8 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2005 4/ | 30.8 | (NA) | 0.4 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |

D Withheld to avoid disclosing data for individual companies.

NA Not available.

1/ Employment range 1,000 to 2,499.

2/ Employment range 500 to 999.

3/ Employment range 10,000 to 49,999.

4/ Beginning with 2002, the survey data was largely tabulated for majority-owned (50 percent or more foreign direct investor) affiliates. See also table 24.17. Estimate for 2004 has been revised from previous *Data Book* and estimate for 2005 is preliminary.

Source: U.S. Department of Commerce, *Foreign Direct Investment in the United States, Operations of U.S. Affiliates of Foreign Companies* (annual) and *Foreign Direct Investment in the United States: Benchmark Survey, Final Results* (various years) and <<http://www.bea.gov/bea/ai/newiid.htm>> accessed January 28, 2008; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 24.16-- FOREIGN DIRECT INVESTMENT IN HAWAII IN GROSS PROPERTY, PLANT, AND EQUIPMENT OF NONBANK AFFILIATES AND EMPLOYMENT, BY INDUSTRY OF AFFILIATE: 1997 TO 2005

[Investment by Hawaii nonbank affiliates of U.S. business enterprises owned 10 percent or more, directly or indirectly, by a foreign person.
In millions of dollars and thousands of employees]

| Subject | All industries 1/ | Manufacturing | Wholesale trade | Retail trade | Information | Finance (exc. depository inst) & insur. | Real estate, rental & leasing | Professional, scientific, & technical services | Other industries |
|---------------------------|-------------------|---------------|-----------------|--------------|-------------|---|-------------------------------|--|------------------|
| Foreign direct investment | | | | | | | | | |
| 1997 | 14,805 | 228 | 203 | 705 | 146 | 199 | 4,049 | 2 | 9,274 |
| 1998 | 12,941 | 324 | 185 | 810 | 178 | 87 | 3,844 | 1 | 7,513 |
| 1999 | 11,460 | 284 | 177 | 939 | 238 | 58 | 3,228 | 2 | 6,534 |
| 2000 | 10,369 | 245 | 228 | 601 | 337 | 81 | 3,053 | 4 | 5,821 |
| 2001 | 9,787 | 245 | 277 | 631 | 259 | 76 | 2,909 | 4 | 5,386 |
| 2002 2/ | 7,816 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2003 2/ | 7,579 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2004 2/ 3/ | 6,741 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2005 2/ 3/ | 6,626 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Employment | | | | | | | | | |
| 1997 | 50.2 | 2.0 | 2.0 | 6.6 | 0.5 | 1.0 | 3.2 | 0.1 | 34.9 |
| 1998 | 45.4 | 2.3 | 2.0 | 6.5 | 0.7 | 1.0 | 3.5 | 0.1 | 29.3 |
| 1999 | 44.3 | 2.4 | 1.7 | 6.6 | 0.8 | 1.0 | 1.7 | 0.1 | 29.8 |
| 2000 | 44.8 | 2.5 | 3.5 | 6.5 | 0.9 | 1.1 | 1.8 | 0.1 | 28.4 |
| 2001 | 41.0 | 2.2 | 3.9 | 6.2 | 0.7 | 1.1 | 1.9 | 0.1 | 24.9 |
| 2002 2/ | 37.1 | 1.0 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2003 2/ | 35.6 | 0.7 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2004 2/ | 31.5 | 0.8 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| 2005 2/ | 30.8 | 0.4 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |

NA Not available.

1/ Effective with 1997 the data are classified according to the 1997 International Survey Industry which is based on the 1997 North American Industry Classification System (NAICS). Petroleum is no longer shown as a separate industry, instead the various petroleum-related activities are distributed among the major NAICS-based industries to which they belong, e.g. gas stations are in retail trade. Services is no longer shown as a separate industry, instead the various services-related activities are distributed among the major NAICS-based industries such as Information, Professional, Other industries, etc. See Tables 24.12 and 24.13 for 1977-96 detailed estimates.

2/ Beginning with 2002, survey data was largely tabulated for majority-owned (50 percent or more foreign direct investor) affiliates. See also table 24.17. Estimate for 2004 has been revised from previous Data Book and estimate for 2005 is preliminary.

3/ Indicates that more than 50 percent of the value for the data cell has been estimated by BEA to account for data not reported by respondents.

Source: U.S. Department of Commerce, *Foreign Direct Investment in the United States, Operations of U.S. Affiliates of Foreign Companies* (annual) and *Foreign Direct Investment in the United States: Benchmark Survey, Final Results 1997*; *Ibid, Preliminary Results 2002*. See also <<http://www.bea.gov/bea/ai/newiid.htm>> accessed January 28, 2008; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 24.17-- FOREIGN DIRECT INVESTMENT IN MAJORITY-OWNED NONBANK AFFILIATES: 2004 AND 2005

[Investment by Hawaii nonbank affiliates of U.S. business enterprises owned 50 percent or more, directly or indirectly, by a foreign person. Estimates for 2004 are revised and for 2005 are preliminary]

| Category | Gross property, plant, and equipment (million dollars) | Employment (1,000 employees) |
|--|---|---------------------------------|
| 2004 1/ | | |
| All countries | 6,662 | 31.1 |
| Asia & Pacific | 5,937 | 21.3 |
| Japan | 5,552 | 20.1 |
| Canada | 44 | 0.2 |
| Europe | 500 | 7.4 |
| Latin America & other Western Hemisphere | 37 | 1.2 |
| Other, subtotal 2/ | 144 | 1.0 |
| All industries 3/ | 6,662 | 31.1 |
| Manufacturing | 232 | 2.4 |
| Wholesale trade | 223 | 2.1 |
| Retail trade | 296 | 3.4 |
| Information | (D) | 0.2 |
| Finance (exc. depository inst) & insurance | 58 | 0.4 |
| Real estate, rental & leasing | 1,393 | 3.0 |
| Professional, scientific, & technical services | 4/ 4 | (4/) (5/) |
| Other industries | (D) | 19.5 |
| 2005 1/ | | |
| All countries | 6,545 | 30.3 |
| Asia & Pacific | 5,654 | 20.1 |
| Japan | 5,269 | 18.8 |
| Canada | 90 | 0.2 |
| Europe | 575 | 7.8 |
| Latin America & other Western Hemisphere | 40 | 4/ 1.1 |
| Other, subtotal 2/ | 186 | 1.1 |
| All industries 3/ | 6,545 | 30.3 |
| Manufacturing | 305 | 2.3 |
| Wholesale trade | 267 | 4/ 2.1 |
| Retail trade | 326 | 3.4 |
| Information | 4/ 116 | 4/ 0.3 |
| Finance (exc. depository inst) & insurance | 15 | 0.4 |
| Real estate, rental & leasing | 4/ 1,171 | 4/ 3.0 |
| Professional, scientific, & technical services | 4/ 3 | 4/ 0.1 |
| Other industries | 4,342 | 18.9 |

D Withheld to avoid disclosing data for individual companies.

1/ In 2004 there were 261 affiliates with total assets, sales, or net income (or loss) greater than \$10 million and that had employment, and in 2005, there were 256.

2/ Includes Africa, the Middle East, and the United States.

3/ Effective with 1997 the data are classified according to the 1997 International Survey Industry which is based on the 1997 North American Industry Classification System (NAICS).

4/ Indicates that more than 50 percent of the value for the data cell has been estimated by BEA to account for data not reported by respondents.

5/ Fewer than 50 employees.

Source: U.S. Department of Commerce, *Foreign Direct Investment in the United States, Operations of U.S. Affiliates of Foreign Companies: Revised 2004 and Preliminary 2005 Estimates*, tables III.D-12; III.D-13; III.D-18; III.G-7, III.G-8 and III. G-18 <http://www.bea.gov/scb/account_articles/international/iidguide.htm#FDIUS> accessed January 28, 2008; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

BIBLIOGRAPHY

This volume is the 40th of its type compiled by the Hawaii State Department of Business, Economic Development & Tourism (DBEDT) and its predecessor agencies. The first was *Statistical Abstract of Hawaii, 1962*, issued by the Department of Planning and Research in 1962. After a four-year hiatus, updated versions titled *The State of Hawaii Data Book* were published by the Department of Planning and Economic Development in 1967, 1968, and annually beginning in 1970. The 1987 edition was the first one issued by DBEDT. Copies can be consulted in the DBEDT Library, Hawaii State Library, University of Hawaii and community college libraries, and other collections throughout the state.

Additional information regarding specific statistical sources can be found in the introductory statements to each section of the *Data Book*, in footnotes and source references to the various tables, and in the underlying reports.

Although most of the series in the *Data Book* are shown only for recent years, many earlier figures appear in *Historical Statistics of Hawaii*, by Robert C. Schmitt. This book, published by the University Press of Hawaii in 1977, contains 711 pages of narrative and tables on the development of statistics in Hawaii since the 18th century.

Statistical abstracts have also been published for the counties of Hawaii, Maui and Kauai. The Hawaii County Department of Research and Development issued its *2006 County of Hawaii Data Book*, a 550 page compendium, in November 2007 and this information is updated on a regular basis on the Internet site <http://co.hawaii.hi.us/databook_current/dbbooktoc.htm>. *Maui County Data Book 2007*, 249 pages, a joint production of the Maui County Office of Economic Development and the Hawaii Business Research Library, a division of the Hawaii Small Business Development Center Network, was issued in April 2008. The price per print copy is \$20.00. The online version and archives of previous editions is available at <<http://www.hbrl-sbdc.org/mcdb.htm>>. *Statistical Abstract of the Kauai Economy, 2002*, prepared by the Kauai County Office of Economic Development, appeared in June 2002. No update to the abstract is planned. Statistical data for Kauai County may be accessed on-line at <www.kauai.gov/business>.

Persons interested in data for other states or the nation as a whole should consult the *Statistical Abstract of the United States* and its companion volumes, the *State and Metropolitan Area Data Book*, *County and City Data Book* and *USA Counties* <<http://www.census.gov/statab/www/ccdb.html>>. The *Abstract* is an annual publication of the U.S. Census Bureau which was initiated in 1878. The current edition is the 127th and is dated 2008. Accessing and ordering information for the *Statistical Abstract* as well as other Census Bureau products may be viewed at the website <<http://www.census.gov/>>.

**Table A.-- PRINTING HISTORY OF THE STATE OF HAWAII DATA BOOK:
1993-94 TO 2007**

[For earlier years, see *Data Book 1996*, p. 632]

| Edition | Number of pages | Number of tables | Price (dollars) | | Printing costs (dollars) | Number of copies printed |
|---------|-----------------|------------------|-----------------|---------------|--------------------------|--------------------------|
| | | | Hawaii | Outside State | | |
| 1993-94 | 571 | 639 | 8.00 | 1/ 12.00 | 20,430.00 | 3,000 |
| 1995 | 629 | 697 | 15.00 | 2/ 19.00 | 23,000.00 | 3,000 |
| 1996 | 664 | 705 | 15.00 | 2/ 19.00 | 27,040.00 | 3,000 |
| 1997 | 679 | 711 | 18.00 | 3/ 22.00 | 17,140.00 | 1,500 |
| 1998 | 718 | 736 | 20.00 | 4/ 24.00 | 18,244.32 | 1,250 |
| 1999 | 5/ | 749 | 5/ | 5/ | 5/ | 5/ |
| 2000 | 760 | 739 | 20.00 | 6/ 27.00 | 19,164.32 | 1,000 |
| 2001 | 5/ | 744 | 5/ | 5/ | 5/ | 5/ |
| 2002 | 5/ | 778 | 5/ | 5/ | 5/ | 5/ |
| 2003 | 5/ | 744 | 5/ | 5/ | 5/ | 5/ |
| 2004 | 5/ | 796 | 5/ | 5/ | 5/ | 5/ |
| 2005 | 5/ | 797 | 5/ | 5/ | 5/ | 5/ |
| 2006 | 786 | 790 | 7/ | 7/ | 11,312.00 | 400 |
| 2007 | 5/ | 807 | 5/ | 5/ | 5/ | 5/ |

1/ U.S. Mainland price; \$15.00 for Canada, \$20.00 for Mexico, and \$40.00 for all other countries.

2/ U.S. Mainland price: \$21.00 for Canada, \$28.00 for Mexico, and \$48.00 for all other countries.

3/ U.S. Mainland price: \$25.00 for Canada, \$38.00 for Mexico, and \$51.00 for all other countries.

4/ U.S. Mainland price: \$27.00 for Canada, \$40.00 for Mexico, and \$53.00 for all other countries.

5/ The *State of Hawaii Data Book* was not printed. It is available electronically on the Internet. It is also available on CD-ROM for selected *Data Books*.

6/ U.S. Mainland price: \$36.00 for Canada, \$41.00 for Mexico, and \$53.00 for all other countries.

7/ 2006 *Data Book* was not available for purchase.

Source: Hawaii State Department of Business, Economic Development & Tourism records.

AVAILABILITY OF ELECTRONIC VERSIONS OF THE DATA BOOK TABLES

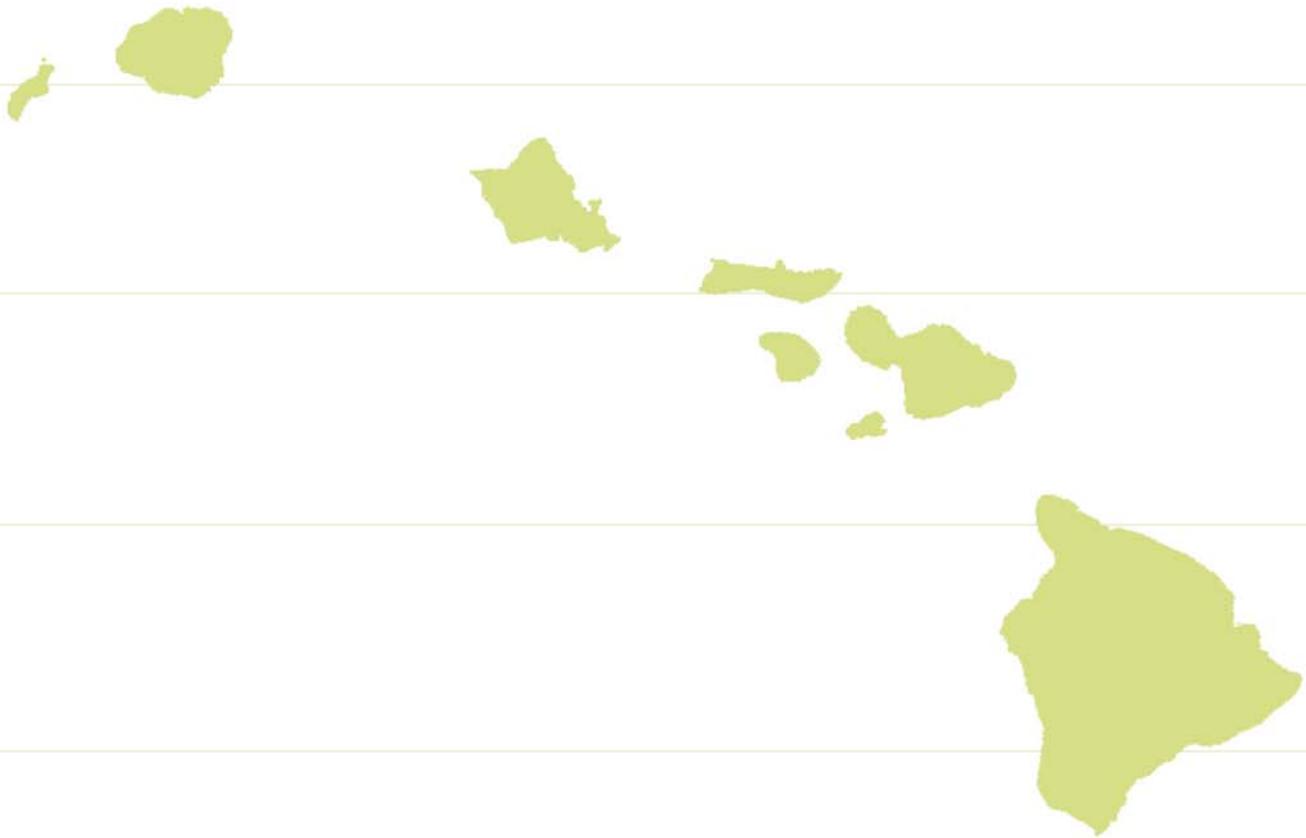
Selected *State of Hawaii Data Books* are available to the public on CD-ROMs and the Internet.

Electronic versions of the Data Book on CD-ROM are distributed on the Hawai'i Data Disc series. The first Hawai'i Data Disc, produced by the Research and Economic Analysis Division of DBEDT in 1993, contained the 1989 through 1992 *Data Books*. The 2002 Hawai'i Data Disc became available in September 2002 and included the *Data Books* for 1998 through 2001; the 2003 Hawai'i Data Disc in November 2003 with the *Data Books* for 2001 and 2002; the 2004 Hawai'i Data Disc in November 2004 with the *Data Books* for 2002 and 2003; the 2005 Hawai'i Data Disc in August 2005 with the *Data Books* for 2000 through 2004; and the 2006 Hawai'i Data Disc in August 2006 with the *Data Books* for 2001 through 2005. The 2007 Hawai'i Data Disc, which was the latest in this series, had two versions. The first, Version 1.0, was released in August 2007 and the second, Version 2.0, was released in January 2008. Both versions included the *Data Books* for 2002 through 2006, but Version 2.0 also included revised and updated *Data Book* tables.

Since 1996, the *Data Book* and other DBEDT publications and information have been made available on the Internet. The current DBEDT Internet site is <<http://www.hawaii.gov/dbedt/>>. *Data Book* tables may be viewed or downloaded from this web site. Updates and revisions to the tables will also be accessible throughout the year on the DBEDT Internet site.

A related online product is the *State of Hawaii Data Book Time Series*. Information from *Data Books* published between 1969 to the present were combined to produce a time series for selected tables. Only tables that had at least five years of continuous data were selected. This product is also found on the current DBEDT Internet site.

For further information about available data and sources, users should call the DBEDT Library at (808) 586-2424.



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