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Section 14

PRICES

This section presents indexes of consumer prices for Honolulu and for the United States, the implicit price deflator for gross state 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: 2004-2005*, Section 14. Long-term trends for Hawaii are traced in *Historical Statistics of Hawaii*, Section 5.

**Table 14.01-- IMPLICIT PRICE DEFLATOR FOR GROSS STATE PRODUCT
FOR HAWAII AND UNITED STATES: 1977 TO 2004**

[2000=100. Implicit price deflator is the ratio of the current-dollar value of gross state product (GSP), to its corresponding chained-dollar value, multiplied by 100. 1977 to 2003 revised from previous *Data Book*]

Year	Hawaii	United States	Year	Hawaii	United States
SIC 1/			SIC 1/		
1977	36.8	42.2	1993	85.7	89.1
1978	39.5	45.2	1994	87.8	91.1
1979	42.5	48.7	1995	89.7	92.9
1980	46.4	53.1	1996	91.5	94.5
1981	51.3	58.3	1997	93.7	95.9
1982	54.6	62.0			
1983	57.7	64.7	NAICS 1/		
1984	61.4	67.5			
1985	64.4	69.5	1997	92.9	95.6
1986	67.3	71.5	1998	94.9	96.4
1987	69.6	73.3	1999	97.2	97.8
1988	72.5	75.8	2000	100.0	100.0
1989	75.1	78.8	2001	102.9	102.3
1990	77.8	81.8	2002	105.8	104.0
1991	81.1	84.7	2003	108.6	106.2
1992	83.3	86.8	2004	110.5	108.7

1/ There is a discontinuity in the GSP time series at 1997, occurring at the change from Standard Industrial Classification (SIC) industry definitions to North American Industrial 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 1977 to 2004.

Source: U.S. Bureau of Economic Analysis, Gross State Product by Industry 1977 to 2004 (June 23, 2005) <<http://www.bea.doc.gov/bea/regional/gsp/>> accessed June 23, 2005; and calculations by Hawaii 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 2004

[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

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Table 14.02-- CONSUMER PRICE INDEX, FOR ALL URBAN CONSUMERS (CPI-U), ALL ITEMS, FOR HONOLULU AND UNITED STATES: 1940 TO 2004 -- 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

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. 1987-2004: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers [CPI-U] Honolulu <<http://www.bls.gov/cpi/home.htm>> accessed February 23, 2005.

Table 14.03-- CONSUMER PRICE INDEX- ALL ITEMS, BY TYPE OF CONSUMER, FOR HONOLULU: SEMI-ANNUAL AND ANNUAL AVERAGE, 1984 TO 2004

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

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Table 14.03-- CONSUMER PRICE INDEX- ALL ITEMS, BY TYPE OF CONSUMER, FOR HONOLULU: SEMI-ANNUAL AND ANNUAL AVERAGE, 1984 TO 2004 -- 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

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 23, 2005.

Table 14.04-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS (CPI-U), BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGES, 2000 TO 2004

[Unless otherwise specified, 1982-1984 =100]

Group	2000	2001	2002	2003	2004
All items	176.3	178.4	180.3	184.5	190.6
Food and beverages	164.8	169.5	171.9	174.9	180.2
Food	164.8	169.5	171.6	174.1	179.5
Food at home	166.9	172.9	175.2	178.7	185.7
Food away from home	160.0	164.0	166.0	167.1	171.0
Alcoholic beverages	163.9	168.1	175.7	184.0	188.5
Housing	177.9	179.1	181.2	186.2	194.3
Shelter	191.9	193.1	196.3	200.3	209.7
Rent of primary residence	180.3	181.6	185.3	190.2	196.9
Owners' equivalent rent of primary residence	1/ 196.3	1/ 197.7	1/ 201.8	1/ 206.4	1/ 214.4
Fuel and other utilities	147.4	146.6	142.6	154.1	161.1
Fuels	130.8	129.8	125.0	137.7	146.1
Gas (piped) and electricity	129.8	128.8	124.3	136.9	144.8
Electricity	129.1	128.1	123.3	133.6	141.1
Utility (piped) gas service 2/	126.8	127.2	126.4	167.7	180.7
Household furnishings and operation	152.4	155.8	157.2	162.8	166.4
Apparel	103.5	101.0	102.6	98.5	101.2
Transportation	169.6	174.5	170.9	176.4	182.4
Private transportation	166.9	170.6	164.2	171.5	179.4
Motor fuel	141.8	149.7	130.3	154.5	172.6
Gasoline (all types)	144.8	153.0	133.4	158.5	177.5
Gasoline, unleaded regular	151.7	160.1	138.7	166.0	186.6
Gasoline, unleaded midgrade	3/ 114.5	3/ 121.4	3/ 105.8	3/ 124.9	3/ 139.4
Gasoline, unleaded premium	132.7	140.3	123.4	145.0	160.5
Medical care	239.8	(4/)	(4/)	(4/)	275.9
Education and communication	5/ 106.5	5/ 104.6	5/ 107.8	5/ 112.5	5/ 113.5
Recreation	5/ 102.8	5/ 101.6	5/ 99.5	5/ 100.4	5/ 102.3
Other goods and services	279.7	289.3	302.2	307.6	312.4
Commodity and service group					
Commodities	150.3	152.8	152.0	154.8	159.3
Commodities less food and beverages	138.9	139.7	136.7	139.4	143.3
Nondurables less food and beverages	146.1	148.6	145.2	150.8	157.9
Durables	128.5	127.1	124.6	122.6	122.1
Services	199.1	200.9	205.0	210.3	217.8

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Table 14.04-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS (CPI-U), BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGES, 2000 TO 2004 -- Con.

Group	2000	2001	2002	2003	2004
Special aggregate indexes:					
All items less shelter	170.5	173.1	174.4	178.5	183.2
All items less medical care	173.0	174.9	176.3	180.2	186.3
All items less energy	180.7	182.8	185.6	188.6	194.3
Energy	137.0	140.0	128.0	147.0	160.6
All items less food and energy	185.1	186.5	189.5	192.6	198.4
Commodities less food	140.1	141.0	138.5	141.4	145.3
Nondurables less food	147.3	149.9	147.3	153.1	159.9
Nondurables	156.5	160.3	159.9	164.2	170.3
Services less rent of shelter	1/ 210.4	1/ 213.1	1/ 218.5	1/ 224.5	1/ 229.5
Services less medical care services	195.5	197.1	200.3	205.4	213.2

1/ Indexes on a December 1982=100 base.

2/ Formerly called 'Utility natural gas service'.

3/ Indexes on a December 1993=100 base.

4/ No data were available or data did not meet U.S. Bureau of Labor Statistics' publication criteria.

5/ 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>> accessed February 23, 2005.

**Table 14.05-- RELATIVE IMPORTANCE OF COMPONENTS IN THE
CONSUMER PRICE INDEX, ALL URBAN CONSUMERS (CPI-U), FOR
THE UNITED STATES AND HONOLULU, DECEMBER 2003 AND 2004**

[Percent of all items. Data are based on the 2001-2002 weights in the Consumer Expenditure Survey]

Group	2003 CPI-U		2004 CPI-U	
	U.S.	Honolulu	U.S.	Honolulu
Relative importance of area	100.000	0.303	100.000	0.305
EXPENDITURE CATEGORY				
All items	100.000	100.000	100.000	100.000
Food and beverages	15.384	17.229	15.291	16.972
Food	14.383	15.989	14.295	15.771
Food at home	8.256	9.453	8.183	9.331
Cereals and bakery products	1.202	(NA)	1.185	(NA)
Meats, poultry, fish, and eggs	2.320	(NA)	2.272	(NA)
Meats, poultry, and fish	2.198	(NA)	2.178	(NA)
Dairy and related products	0.842	(NA)	0.849	(NA)
Fruits and vegetables	1.221	(NA)	1.276	(NA)
Other food at home	1.765	(NA)	1.716	(NA)
Food away from home	6.127	6.536	6.113	6.440
Alcoholic beverages	1.001	1.240	0.996	1.200
Housing	42.089	42.927	41.993	43.496
Shelter	32.878	36.044	32.686	36.319
Rent of primary residence	6.157	8.960	6.133	8.937
Tenants' and household insurance	0.385	(NA)	0.387	(NA)
Owners' equivalent rent of primary residence	23.383	24.009	23.158	23.842
Lodging away from home	2.954	(NA)	3.008	(NA)
Fuels and utilities	4.741	2.928	4.951	3.208
Fuels	3.830	2.145	4.021	2.437
Fuel oil and other fuels	0.231	(NA)	0.300	(NA)
Fuel oil	0.151	(NA)	0.204	(NA)
Other household fuels	0.080	(NA)	0.095	(NA)
Gas (piped) and electricity	3.599	2.101	3.722	2.380
Electricity	2.431	1.962	2.405	2.225
Utility (piped) gas service	1.168	0.139	1.317	0.155
Water and sewer and trash collection serv.	0.910	(NA)	0.930	(NA)
Household furnishings and operations	4.470	3.957	4.355	3.969
Apparel	3.975	3.454	3.841	3.439
Men's and boys' apparel	1.024	(NA)	0.977	(NA)
Women's and girls' apparel	1.704	(NA)	1.638	(NA)
Footwear	0.778	(NA)	0.765	(NA)
Infants' and toddlers' apparel	0.195	(NA)	0.188	(NA)
Jewelry and watches	0.274	(NA)	0.274	(NA)

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**Table 14.05-- RELATIVE IMPORTANCE OF COMPONENTS IN THE
CONSUMER PRICE INDEX, ALL URBAN CONSUMERS (CPI-U),
FOR THE UNITED STATES AND HONOLULU, DECEMBER 2003
AND 2004 -- Con.**

Group	2003 CPI-U		2004 CPI-U	
	U.S.	Honolulu	U.S.	Honolulu
EXPENDITURE CATEGORY -- Con.				
Transportation	16.881	14.879	17.414	15.026
Private transportation	15.817	12.991	16.385	13.237
Motor fuel	3.249	3.050	3.969	3.401
Gasoline (all types)	3.222	2.997	3.934	3.340
Public transportation	1.064	(NA)	1.029	(NA)
Medical care	6.074	5.726	6.132	5.680
Medical care services	4.575	(NA)	4.649	(NA)
Recreation	5.872	5.988	5.733	5.856
Education and communication	5.948	5.986	5.846	5.745
Other goods and services	3.776	3.813	3.750	3.786
Personal care	2.970	(NA)	2.946	(NA)
COMMODITY AND SERVICE GROUP				
All items	100.000	100.000	100.000	100.000
Commodities	40.117	38.869	40.239	38.670
Commodities less food and beverages	24.733	21.639	24.948	21.698
Nondurables less food and beverages	13.458	12.394	13.980	12.691
Durables	11.275	9.244	10.967	9.008
Services	59.883	61.128	59.761	61.330
SPECIAL AGGREGATE INDEXES				
All items less shelter	67.122	63.957	67.314	63.681
All items less medical care	93.926	94.274	93.868	94.320
All items less energy	92.920	94.806	92.009	94.162
All items less food and energy	78.537	78.815	77.714	78.391
Energy	7.080	5.195	7.991	5.838
Commodities less food	25.734	22.879	25.943	22.899
Nondurables less food	14.459	13.634	14.976	13.891
Nondurables	28.842	29.626	29.271	29.663
Services less rent of shelter	27.389	25.307	27.462	25.221
Rent of shelter	32.494	(NA)	32.300	(NA)
Services less medical care services	55.308	56.653	55.113	56.949

NA Not available.

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 22, 2005.

Table 14.06-- MEDIAN GROSS RENT AMOUNT AND AS PERCENTAGE OF HOUSEHOLD INCOME FOR THE UNITED STATES, THE 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 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)

NA Not available.

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]

	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 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 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-- HOME MARKET VALUES IN HONOLULU AND SELECTED UNITED STATES AND CANADIAN LOCATIONS: DECEMBER 2003

[The home market values shown below are based on a 2,200 sq. ft., 8-room, 4-bedroom, 2.5-bath home. Costing is based on representative communities where transferring homeowners earning \$60,000 annually with four family members typically reside. The sampling of locations in the table is based on an analysis of approximately 300 metropolitan areas in the U.S and Canada. All values are expressed in U.S. dollars where the rate of exchange: \$1.00 = Canadian \$1.30320. Rank of 1 indicates highest value]

Location	Location state	Home market values	Rank
Anchorage	AK	251,300	14
Atlanta Area	GA	209,300	19
Boston Area	MA	519,700	3
Chicago Area	IL	341,900	8
Cincinnati Area	OH	206,800	20
Cleveland Area	OH	229,600	18
Dallas Area	TX	191,900	21
Denver Area	CO	403,700	5
Detroit Area	MI	285,400	11
Honolulu	HI	434,100	4
Kansas City Area	KS	183,400	22
Los Angeles Area	CA	541,400	2
Miami Area	FL	313,200	10
Milwaukee Area	WI	270,900	12
Minneapolis Area	MN	351,200	7
Omaha	NE	234,800	16
Phoenix	AZ	262,500	13
Salt Lake City	UT	235,000	15
San Francisco Area	CA	812,200	1
Seattle Area	WA	377,600	6
Toronto Area	ON	323,500	9
Vancouver Area	BC	233,800	17

Source: Runzheimer International, Runzheimer Reports on Relocation January 2004, "Quarterly Home Market Values, December 2003" and <<http://www.runzheimer.com/pow/pdf/70rr34.pdf>> accessed March 29, 2004; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 14.10-- COST OF LIVING ANALYSES FOR HONOLULU
AND THE UNITED STATES AVERAGE: JANUARY 1, 2004**

[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/
U.S. national average	10,712	24,000	48,000	72,000
Rent, utilities	4,331	8,503	14,998	19,966
Taxes: federal, state, payroll	1,540	4,476	9,336	15,415
Consumables	3,565	6,833	12,759	17,541
Transportation	642	1,952	4,639	7,921
Health services	634	1,171	1,933	2,263
Miscellaneous	-	1,065	4,335	8,894
Honolulu total	20,352	41,844	79,523	114,779
Rent, utilities	11,163	21,224	36,658	48,609
Taxes: federal, state, payroll	1,787	5,150	10,411	17,085
Consumables	5,762	10,390	19,536	26,811
Transportation	865	2,612	6,251	10,655
Health services	775	1,403	2,332	2,725
Miscellaneous	-	1,065	4,335	8,894
Honolulu indexed to U.S. average	190.0	174.4	165.7	159.4
Rent, utilities	257.7	249.6	244.4	243.5
Taxes: federal, state, payroll	116.0	115.1	111.5	110.8
Consumables	161.6	152.1	153.1	152.8
Transportation	134.7	133.8	134.7	134.5
Health services	122.2	119.8	120.6	120.4
Miscellaneous	-	100.0	100.0	100.0

1/ Income level \$10,712 assumes a single, minimum wage earner living with friends or parents, contributing partial rent (assume 23.4 percent or less of income spent on housing costs) 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 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 home (2,200 square foot) with two-car garage.

Source: ERI Economic Research Institute, *Geographic Reference Report 2004*, pgs. 119 and 300.

**Table 14.11-- COST OF LIVING ANALYSES FOR HONOLULU
AND THE UNITED STATES AVERAGE: JANUARY 1, 2005**

[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/
U.S. national average	10,712	24,000	48,000	72,000
Rent, utilities	4,528	8,863	15,585	20,727
Taxes: federal, state, payroll	1,540	4,476	9,336	15,415
Consumables	3,376	6,833	12,759	17,541
Transportation	642	1,952	4,639	7,921
Health services	626	1,171	1,933	2,263
Miscellaneous	-	705	3,748	8,133
Honolulu total	20,731	42,180	80,101	115,551
Rent, utilities	11,542	21,920	37,823	50,142
Taxes: federal, state, payroll	1,787	5,150	10,411	17,085
Consumables	5,762	10,390	19,536	26,811
Transportation	865	2,612	6,251	10,655
Health services	775	1,403	2,332	2,725
Miscellaneous	-	705	3,748	8,133
Honolulu indexed to U.S. average	193.5	175.8	166.9	160.5
Rent, utilities	254.9	247.3	242.7	241.9
Taxes: federal, state, payroll	116.0	115.1	111.5	110.8
Consumables	170.7	152.1	153.1	152.8
Transportation	134.7	133.8	134.7	134.5
Health services	123.8	119.8	120.6	120.4
Miscellaneous	-	100.0	100.0	100.0

NA Not available.

1/ Income level \$10,712 assumes a single, minimum wage earner living with friends or parents, contributing partial rent (assume 23.4 percent or less of income spent on housing costs) 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 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 home (2,200 square foot) with two-car garage.

Source: ERI Economic Research Institute, *Geographic Reference Report 2005*, pgs. 119 and 300.

**Table 14.12-- HOUSING'S MOST EXPENSIVE AND MOST AFFORDABLE
MARKETS IN EACH STATE: 2004**

[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 corporate middle-management neighborhood. The sampling of locations is based on an analysis of more than 300 markets]

State	Most expensive	Average sales price	Most affordable	Average sales price
Alabama	Huntsville	188,466	Mobile	180,575
Alaska	Juneau	420,537	Anchorage	248,491
Arizona	Scottsdale	376,300	Tucson	212,600
Arkansas	Fayetteville	207,325	Fort Smith	164,125
California	La Jolla	1,708,333	Riverside/Ontario	348,600
Colorado	Boulder	441,725	Colorado Springs	180,666
Connecticut	Greenwich	1,192,500	Litchfield County/Torrington	220,000
Delaware	Wilmington 1/	1/ 348,200	(1/)	(1/)
Florida	Key West	759,499	Pensacola	169,975
Georgia	Atlanta	283,900	Dalton	172,725
Hawaii	Kailua Kona	1,087,500	Kihei, Maui	591,630
Idaho	Boise	192,740	Coeur d'Alene	180,570
Illinois	Chicago	763,333	Springfield	168,800
Indiana	Munster	299,666	Evansville	166,565
Iowa	Des Moines	242,400	Dubuque	177,725
Kansas	Lawrence	226,800	Topeka/Shawnee County	141,850
Kentucky	Louisville	223,518	Lexington	155,983
Louisiana	New Orleans	250,375	Lafayette	171,750
Maine	Portland	334,800	Lewiston/Auburn	166,475
Maryland	Bethesda/Chevy Chase/Montgomery County	491,440	Eastern Shore	247,425
Massachusetts	Wellesley	1,102,500	Greater Springfield	291,666
Michigan	Ann Arbor	340,000	Traverse City	229,967
Minnesota	Edina	367,175	Moorhead/Clay County	167,850
Mississippi	Jackson	219,875	Tupelo	166,225
Missouri	St. Louis	229,325	Springfield	159,933
Montana	Bozeman	256,499	Great Falls	130,525
Nebraska	North Platte	177,825	Omaha	169,900
Nevada	Reno/Sparks	347,100	Las Vegas	263,125
New Hampshire	Hanover	469,125	Portsmouth	277,000
New Jersey	Warren	753,000	Turnersville/Gloucester County	231,467
New Mexico	Santa Fe	448,625	Albuquerque	262,500
New York	Bayside, Queens	641,125	Binghamton	147,525
North Carolina	Wilmington	229,750	Greensboro	178,500
North Dakota	Fargo	184,262	Minot	130,300

Continued on next page.

Table 14.12-- HOUSING MARKET'S MOST EXPENSIVE AND MOST AFFORDABLE CITIES IN EACH STATE: 2004 -- Con.

State	Most expensive	Average sales price	Most affordable	Average sales price
Ohio	Cincinnati	234,167	Dayton	166,600
Oklahoma	Oklahoma City	182,158	Tulsa	138,250
Oregon	Bend	319,519	Salem	225,633
Pennsylvania	Philadelphia County/ Center City Philadelphia	488,675	Erie	183,450
Rhode Island	Providence 1/	1/ 440,000	(1/)	(1/)
South Carolina	Charleston	290,000	Columbia	175,500
South Dakota	Rapid City	174,700	Aberdeen	148,225
Tennessee	Nashville	198,000	Knoxville	145,696
Texas	Dallas	236,313	Arlington	134,550
Utah	Salt Lake City	238,288	Provo	210,552
Vermont	Burlington	279,750	Montpelier	241,500
Virginia	McLean/Fairfax County	558,650	Roanoke/Blacksburg	279,750
Washington	Bellevue	491,666	Spokane	207,321
West Virginia	Charleston	195,667	Parkersburg	144,000
Wisconsin	Milwaukee	310,000	Eau Claire	151,433
Wyoming	Cheyenne 1/	1/ 194,225	(1/)	(1/)

1/ Only one market included in the study.

Source: Coldwell Banker, "2004 Coldwell Banker Home Price Comparison Index (HPCI) Identifies More Than \$1.5 Million Difference between La Jolla, CA and Minot, N.D., the Nation's Most Expensive and Most Affordable Markets, Respectively", September 29, 2004 <<http://www.coldwellbanker.com/>> accessed September 29, 2004.

**Table 14.13-- VEHICLE MAINTENANCE COSTS IN SELECTED
LOCATIONS IN THE UNITED STATES: 2003**

[The cents-per-mile maintenance costs shown below are based on a typical intermediate-size vehicle represented by the 2003 Ford Taurus SEL sedan driven 15,000 miles per year and retained for 4 years. Costs cover normal and preventive maintenance to assure sound and economical operation during the retention cycle of the vehicle. The maintenance costs that Runzheimer analyzes include such normal and preventive procedures as oil changes, lubrication, brake inspection, and the exhaust system. In addition, driving conditions are taken into consideration to develop "typical" and "severe" maintenance per-mile values]

Location city	Location state	Maintenance costs
Expensive		
San Francisco	CA	6.79
New York	NY	6.38
Hempstead (Long Island)	NY	5.62
Honolulu	HI	5.49
Chicago	IL	5.21
Miami	FL	5.17
Newark	NJ	5.13
St. Louis	MO	5.13
Stamford	CT	5.09
Sacramento	CA	5.01
Seattle	WA	5.01
Least Expensive		
Bismarck	ND	3.56
Casper	WY	3.64
Richmond	VA	3.68
Lubbock	TX	3.76
Billings	MT	3.80
Omaha	NE	3.80
Henderson	KY	3.88
Jackson	MS	3.88
Burlington	VT	3.92
Evansville	IN	3.92
Montgomery	AL	3.92
Portland	ME	3.92

Source: Runzheimer International, "Runzheimer Analyzes Vehicle Maintenance Costs Nationwide: San Francisco, New York, Honolulu are High Maintenance; Bismarck, Casper, Richmond Low" <<http://www.runzheimer.com/corpc/news/scripts/032603.asp>> accessed March 31, 2003.

**14.14-- AVERAGE GASOLINE PRICE FOR THE UNITED STATES AND FOR
THE 50 STATES AND THE DISTRICT OF COLUMBIA: MAY 12, 2005**

[Over 60,000 retail gasoline self-serve stations are surveyed daily for credit card transactions. 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	2.538	2.684	2.735	2.814
Hawaii rank	2	2	2	1
U. S. average	2.175	2.309	2.394	2.314
Hawaii as percent of U.S. average	116.7	116.2	114.2	121.6
Alaska	2.359	2.497	2.640	2.391
Alabama	2.102	2.247	2.314	2.220
Arkansas	2.069	2.183	2.322	2.198
Arizona	2.348	2.448	2.590	2.485
California	2.566	2.732	2.776	2.652
Colorado	2.204	2.357	2.463	2.368
Connecticut	2.283	2.477	2.542	2.488
District of Columbia	2.296	2.445	2.518	2.440
Delaware	2.125	2.257	2.357	2.343
Florida	2.231	2.417	2.461	2.363
Georgia	2.064	2.219	2.318	2.204
Hawaii	2.538	2.684	2.735	2.814
Iowa	2.070	2.179	2.284	2.190
Idaho	2.345	2.475	2.544	2.521
Illinois	2.163	2.328	2.400	2.359
Indiana	2.049	2.204	2.266	2.225
Kansas	2.081	2.137	2.220	2.242
Kentucky	2.071	2.221	2.321	2.172
Louisiana	2.095	2.234	2.338	2.211
Massachusetts	2.186	2.350	2.439	2.415
Maryland	2.171	2.308	2.367	2.357
Maine	2.175	2.347	2.412	2.390
Michigan	2.131	2.257	2.348	2.288
Minnesota	2.020	2.101	2.156	2.231
Missouri	1.998	2.080	2.201	2.122
Mississippi	2.087	2.201	2.300	2.162
Montana	2.308	2.406	2.522	2.322
North Carolina	2.149	2.280	2.381	2.267
North Dakota	2.155	2.230	2.309	2.239
Nebraska	2.131	2.179	2.239	2.241
New Hampshire	2.149	2.327	2.411	2.349
New Jersey	2.090	2.241	2.326	2.259
New Mexico	2.213	2.357	2.459	2.350

Continued on next page.

**14.14-- AVERAGE GASOLINE PRICE FOR THE UNITED STATES AND FOR
THE 50 STATES AND THE DISTRICT OF COLUMBIA: MAY 12, 2005-- Con.**

State	Regular	Mid	Premium	Diesel
Nevada	2.464	2.597	2.691	2.518
New York	2.320	2.482	2.535	2.517
Ohio	2.048	2.184	2.271	2.286
Oklahoma	2.010	2.079	2.194	2.109
Oregon	2.458	2.593	2.632	2.566
Pennsylvania	2.144	2.260	2.360	2.400
Rhode Island	2.209	2.351	2.428	2.448
South Carolina	2.054	2.183	2.289	2.171
South Dakota	2.181	2.321	2.416	2.240
Tennessee	2.097	2.220	2.326	2.205
Texas	2.081	2.202	2.281	2.210
Utah	2.289	2.414	2.519	2.440
Virginia	2.092	2.195	2.279	2.235
Vermont	2.163	2.327	2.428	2.415
Washington	2.467	2.556	2.683	2.638
Wisconsin	2.224	2.309	2.415	2.315
West Virginia	2.156	2.254	2.367	2.363
Wyoming	2.193	2.287	2.436	2.318

Source: AAA's Daily Fuel Gauge Report© Copyright, Oil Price Information Service, National Average <<http://198.6.95.31/index.asp>> and State by State Averages <<http://198.6.95.31/sbsavg.asp>> accessed May 12, 2005.

**Table 14.15-- PARKING RATES FOR CENTRAL BUSINESS DISTRICT
HONOLULU AND AVERAGE UNITED STATES: 2004**

[In number, dollars and percent. Survey only includes covered or underground parking garages located in prime central business districts (CBD's). Parking rate data was collected during the month of June 2004 and includes all relevant taxes. Sources include third parties, owners/operators and Colliers International. 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]

Market	Segment	Honolulu	United States average	Honolulu as percent of United States average
Monthly unreserved	Parking rate – high	170.00	195.22	87.1
Monthly unreserved	Parking rate – low	100.00	97.31	102.8
Monthly unreserved	Parking rate – average	153.00	143.09	106.9
Monthly reserved	Parking rate – high	300.00	241.93	124.0
Monthly reserved	Parking rate – low	140.00	139.89	100.1
Monthly reserved	Parking rate – average	234.00	183.09	127.8
Daily parking	Rate – high	45.00	19.14	235.1
Daily parking	Rate – low	12.00	7.92	151.5
Daily parking	Rate – average	32.75	13.35	245.3
Garages offering additional services (percent)		10	20.8	48.1
Garages with waiting lists (percent)		15	10.1	148.5
Typical wait period (number of months)		3	3.1	96.8
Availability of parking		Fair	(X)	(X)

X Not applicable.

Source: Colliers International: *North America CBD Parking Rate Survey 2004: Highlights "Parking Rates Up After Two Down Years"* ,

<http://www.colliers.com/Content/Repositories/Base/Corporate/English/Market_Report_Corporate/PDFs/ColliersParkingRateSurvey2004.pdf> accessed September 13, 2004; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 14.16-- COST OF LIVING INDEX FOR SELECTED MAJOR CITIES
IN THE UNITED STATES AND RANK WORLDWIDE: 2003 TO 2005**

[The survey, which covers 144 cities worldwide, measures the comparative cost of over 200 items in each location, including housing, food, clothing, utilities, transportation, and entertainment costs. Since the list for 2005 is not complete, the cities are listed in order of rank in 2004. Rank of 1 indicates most expensive city. New York City = 100.0. Only the global top 50 were in the table but additional cities were included in the news release narrative]

City and state	Index			Global rank		
	2003	2004	2005	2003	2004	2005
New York City, NY	100.0	100.0	100.0	10	12	13
Los Angeles, CA	85.6	86.6	86.7	22	27	44
Chicago, IL	83.9	84.5	84.6	25	35	52
San Francisco, CA	83.0	84.3	84.9	30	38	50
White Plains, NY	86.2	82.7	86.6	20	52	45
Miami, FL	83.7	82.0	(NA)	27	55	(NA)
Honolulu, HI	82.8	81.3	(NA)	32	57	(NA)
Washington, DC	76.9	77.4	77.4	46	68	78
Boston, MA	76.3	76.4	(NA)	54	70	(NA)
Morristown, NJ	76.7	76.0	(NA)	53	72	(NA)
Houston, TX	78.3	75.8	(NA)	46	73	(NA)
Atlanta, GA	74.7	72.9	(NA)	61	85	(NA)
Seattle, WA	71.3	71.4	(NA)	80	90	(NA)
St. Louis, MO	71.0	71.2	(NA)	82	92	(NA)
Cleveland, OH	69.0	69.4	(NA)	87	98	(NA)
Denver, CO	73.0	69.3	(NA)	69	100	(NA)
Detroit, MI	71.5	68.8	(NA)	79	101	(NA)
Portland, OR	67.8	67.7	(NA)	92	105	(NA)
Winston Salem, NC	67.7	66.9	66.6	93	107	119
Pittsburgh, PA	67.8	66.5	(NA)	88	112	(NA)

NA Not available.

Source: William M. Mercer Companies, LLC, Mercer USA Center: Corporate Resource Group, World-wide cost of living survey – 2003 – city rankings, <<http://www.mercerhr.com/pressrelease/details.jhtml/dynamic/idContent/1096495>> accessed June 18, 2003; 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.

**Table 14.17-- COST OF LIVING INDEX FOR SELECTED MAJOR CITIES
FOR SPRING 2004 AND RANK FOR SPRING 2003 AND 2004**

[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 2004. Rank of 1 indicates most expensive city. New York City = Index of 100]

City	Country	Index 2004	Rank	
			2003	2004
Tokyo	Japan	143	1	1
Paris	France	130	7	3
London	United Kingdom	125	10	6
Geneva	Switzerland	118	7	9
Hong Kong	Hong Kong	112	5	12
Sydney	Australia	110	40	14
Brussels	Belgium	104	29	24
Singapore	Singapore	101	14	26
New York	United States	100	13	27
Rome	Italy	97	41	31
Seoul	South Korea	96	19	33
Los Angeles	United States	96	19	33
Chicago	United States	96	16	33
Auckland	New Zealand	96	56	33
San Francisco	United States	95	19	42
Washington, D.C.	United States	91	31	44
Taipei	Taiwan	91	36	44
Houston	United States	89	31	46
Beijing	China	89	27	46
Shanghai	China	88	36	49
Miami	United States	87	33	51
Detroit	United States	87	33	51
Montreal	Canada	86	63	54
Minneapolis	United States	86	41	54
Vancouver	Canada	85	72	58
Boston	United States	85	43	58
Seattle	United States	83	51	62
Toronto	Canada	82	74	64
Mexico City	Mexico	82	56	64
Honolulu	United States	78	59	72
Atlanta	United States	73	74	80
Jakarta	Indonesia	72	84	82
Ho Chi Minh	Vietnam	67	90	93
Bangkok	Thailand	64	105	100
Kathmandu	Nepal	47	122	124
New Delhi	India	45	122	127
Manila	Philippines	38	127	131

Source: Economist Intelligence Unit "Worldwide Cost of Living 2004"
<<http://www.finfacts.com/costofliving4.htm>> accessed November 18, 2004.

Table 14.18-- PAY DIFFERENTIALS AND COST OF LIVING INDEXES FOR FEDERAL EMPLOYEES IN HAWAII RELATIVE TO WASHINGTON, D.C., BY COUNTY: 1996 TO 2001

[As of June 30, 2005]

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
	INDEXES				
1996 Survey	Cost of Living Index 5/	121.95	111.89	121.36	121.36
1998 Survey	Cost Comparison Index 6/	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 the New Regulations. For further discussion 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/ 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.

6/ 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, 2005.

Table 14.19-- COST OF LIVING ALLOWANCE INDEXES FOR MILITARY IN HAWAII RELATIVE TO CONTINENTAL UNITED STATES, BY ISLAND

[As of April 28, 2005. Index number continental United States=100]

Effective Date	Locality	Locality Code 1/	Index
August 1, 2003	Hawaii	HI001	126
May 1, 2005	Kauai	HI003	132
May 1, 2005	Maui	HI005	140
May 1, 2005	Molokai	HI007	140
May 1, 2005	Oahu	HI009	122

1/ Assigned by the Department of Defense to identify each area entitled to COLA. Location code HI999 - 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. 8
 <<http://141.116.74.201/appendix-j/2005%20COLA%20Indexes/2005-05-01%20COLA%20INDEXES.pdf>>
 accessed April 28, 2005.

Table 14.20-- PER DIEM RATES FOR MILITARY IN HAWAII, BY ISLAND OR INSTALLATION

[As of April 28, 2005. In dollars per day. To calculate a per diem rate: maximum lodging plus meals (local, proportional 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	225	129	77	43	19	May 1, 2005
EASTPAC Naval Comp. Tele. Area	225	129	77	43	19	May 1, 2005
Ft. Derussey	225	129	77	43	19	May 1, 2005
Ft. Shafter	225	129	77	43	19	May 1, 2005
Hickam Air Force Base	225	129	77	43	19	May 1, 2005
Honolulu (incl. Navy & MC Res. Ctr.)	225	129	77	43	19	May 1, 2005
Isle of Hawaii: Hilo	185	105	64	36	16	May 1, 2005
Isle of Hawaii: other	242	150	74	41	18	May 1, 2005
Isle of Kauai	256	158	78	43	20	May 1, 2005
Isle of Maui	254	159	76	42	19	June 1, 2004
Isle of Oahu	225	129	77	43	19	May 1, 2005
Kekaha Pacific Missile Range Fac.	256	158	78	43	20	May 1, 2005
Kilauea Military Camp	185	105	64	36	16	May 1, 2005
Lanai	553	400	122	65	31	May 1, 2005
Lualualei Naval Magazine	225	129	77	43	19	May 1, 2005
Marine Corps Base Hawaii	225	129	77	43	19	May 1, 2005
Molokai	214	119	76	42	19	May 1, 2005
NAS Barbers Point	225	129	77	43	19	May 1, 2005
Pearl Harbor [incl. all military]	225	129	77	43	19	May 1, 2005
Schofield Barracks	225	129	77	43	19	May 1, 2005
Wheeler Army Airfield	225	129	77	43	19	May 1, 2005
Other 3/	133	72	49	29	12	January 1, 2000

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, Appendix B (April 28, 2005), pp. 23-24 <<http://www.dtic.mil/>> accessed April 28, 2005.