

ver 20120213 13:41			MILITARY			STUDENTS				
STEP	NOTE	TOTAL	Sponsor	Dependent	TOTAL	UH	HPU	Chaminade	BYU-H	TOTAL
0	Received	168,578	47082	106042	153124	10070	3200	627	1557	15454
1	Census Date	168,578	47082	106042	153124	10070	3200	627	1557	15454
2A1	Deployed (not counted by Census)	4,750	4750	0	4750	0	0	0	0	0
2A2	Dependent of permanent resident	52,927	0	52927	52927	0	0	0	0	0
2B	NPR Counted <i>1 - 2A1 - 2A2</i>	110,901	42332	53115	95447	10070	3200	627	1557	15454
3A	BIU unknown	-	0	0	0	0	0	0	0	0
3B	BIU known <i>2B - 3A</i>	110,901	42332	53115	95447	10070	3200	627	1557	15454
4A	Group Quarters	13,243	12551	0	12551	692	0	0	0	692
4B	Not Group Qtrs <i>3B - 4A</i>	97,658	29781	53115	82896	9378	3200	627	1557	14762
5A	Not Residential	549	0	0	0	455	54	13	27	549
5B	To Geocode <i>4B - 5A</i>	97,109	29781	53115	82896	8923	3146	614	1530	14213
6A	Geocode Good	76,651	17102	48124	65226	6562	3033	581	1249	11425
6B	Geocode Bad	20,458	12679	4991	17670	2361	113	33	281	2788
	checksum 5B <i>6A + 6B</i>	97,109	29781	53115	82896	8923	3146	614	1530	14213
7A	BIU OK <i>3B</i>	110,901	42332	53115	95447	10070	3200	627	1557	15454
7B	BIU unknown <i>3A</i>	-	0	0	0	0	0	0	0	0
7C	BIU OK, block OK <i>4A + 6A</i>	89,894	29653	48124	77777	7254	3033	581	1249	12117
7D	BIU OK, block unknown <i>5A + 6B</i>	21,007	12679	4991	17670	2816	167	46	308	3337
	checksum 7A <i>7C + 7D</i>	110,901	42332	53115	95447	10070	3200	627	1557	15454
8A	Military duplicate	2,134	0	0	0	1196	674	263	1	2134
8B	To Extract <i>3B - 8A</i>	108,767	42332	53115	95447	8874	2526	364	1556	13320
9A	BIU Oahu	106,618	42139	52868	95007	7179	2520	360	1552	11611
9B	BIU Hawaii	1,483	34	55	89	1386	3	3	2	1394
9C	BIU Maui	380	55	78	133	243	2	0	2	247
9D	BIU Kauai	286	104	114	218	66	1	1	0	68
	checksum 8B <i>9A +...+ 9D</i>	108,767	42332	53115	95447	8874	2526	364	1556	13320
9E	BIU unknown <i>7B</i>	-	0	0	0	0	0	0	0	0
9F	duplicate <i>8A</i>	2,134	0	0	0	1196	674	263	1	2134
	checksum 2B <i>9A+...+9F</i>	110,901	42332	53115	95447	10070	3200	627	1557	15454

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8B	To Extract		108,767
10A	BIU Oahu	953207 - 9A	846,589
10B	BIU Hawaii	185079 - 9B	183,596
10C	BIU Maui	154924 - 9C	154,544
10D	BIU Kauai	67091 - 9D	66,805
	total	1,360,301	1,251,534
11A	Senate Oahu	49799.4	17
11B	Senate Hawaii	45899.0	4
11C	Senate Maui	51514.7	3
11D	Senate Kauai	66805.0	1
	total		25
11E	House Oahu	24188.3	35
11F	House Hawaii	26228.0	7
11G	House Maui	25757.3	6
11H	House Kauai	22268.3	3
	total		51

METHOD OF EQUAL PROPORTIONS - CENSUS METHOD

2/15/2012

technical: <http://www.census.gov/population/apportionment/about/computing.html>

general: <http://2010.census.gov/mediacenter/census-data/census-apportionment-machine.php>

BIU	PL 94-171	Extraction	HI Pop Base
Honolulu	953,207	-106,618	846,589
Hawaii	185,079	-1,483	183,596
Maui	154,924	-380	154,544
Kauai	67,091	-286	66,805
STATE	1,360,301	-108,767	1,251,534

RANKING OF PRIORITY VALUES							
Each Basic Island Unit gets one initial seat, so start with seat #2							
	RGM	BIU Pop	Priority	Seat#	BIU Senate	BIU House	BIU
2	0.707107	x	846589 =	598628.82	5	2	2 Honolulu
3	0.408248	x	846589 =	345618.51	6	3	3 Honolulu
4	0.288675	x	846589 =	244389.19	7	4	4 Honolulu
5	0.223607	x	846589 =	189303.06	8	5	5 Honolulu
6	0.182574	x	846589 =	154565.30	9	6	6 Honolulu
7	0.154303	x	846589 =	130631.52	10	7	7 Honolulu
2	0.707107	x	183596 =	129821.98	11	2	2 Hawaii
8	0.133631	x	846589 =	113130.21	12	8	8 Honolulu
2	0.707107	x	154544 =	109279.11	13	2	2 Maui
9	0.117851	x	846589 =	99771.47	14	9	9 Honolulu
10	0.105409	x	846589 =	89238.32	15	10	10 Honolulu
11	0.095346	x	846589 =	80719.09	16	11	11 Honolulu
3	0.408248	x	183596 =	74952.75	17	3	3 Hawaii
12	0.087039	x	846589 =	73686.11	18	12	12 Honolulu
13	0.080064	x	846589 =	67781.37	19	13	13 Honolulu
3	0.408248	x	154544 =	63092.32	20	3	3 Maui
14	0.074125	x	846589 =	62753.35	21	14	14 Honolulu
15	0.069007	x	846589 =	58420.19	22	15	15 Honolulu
16	0.064550	x	846589 =	54647.08	23	16	16 Honolulu
4	0.288675	x	183596 =	52999.60	24	4	4 Hawaii
17	0.060634	x	846589 =	51332.00	25	17	17 Honolulu
18	0.057166	x	846589 =	48396.27	26	18	18 Honolulu
2	0.707107	x	66805 =	47238.27	27	2	2 Kauai
19	0.054074	x	846589 =	45778.29	28	19	19 Honolulu
4	0.288675	x	154544 =	44613.01	29	4	4 Maui
20	0.051299	x	846589 =	43429.10	30	20	20 Honolulu
21	0.048795	x	846589 =	41309.31	31	21	21 Honolulu
5	0.223607	x	183596 =	41053.31	32	5	5 Hawaii
22	0.046524	x	846589 =	39386.88	33	22	22 Honolulu
23	0.044455	x	846589 =	37635.47	34	23	23 Honolulu
24	0.042563	x	846589 =	36033.22	35	24	24 Honolulu
25	0.040825	x	846589 =	34561.85	36	25	25 Honolulu
5	0.223607	x	154544 =	34557.09	37	5	5 Maui
6	0.182574	x	183596 =	33519.89	38	6	6 Hawaii
26	0.039223	x	846589 =	33205.95	39	26	26 Honolulu
27	0.037743	x	846589 =	31952.44	40	27	27 Honolulu
28	0.036370	x	846589 =	30790.14	41	28	28 Honolulu
29	0.035093	x	846589 =	29709.45	42	29	29 Honolulu
30	0.033903	x	846589 =	28702.06	43	30	30 Honolulu
7	0.154303	x	183596 =	28329.48	44	7	7 Hawaii
6	0.182574	x	154544 =	28215.74	45	6	6 Maui
31	0.032791	x	846589 =	27760.75	46	31	31 Honolulu
3	0.408248	x	66805 =	27273.03	47	3	3 Kauai
32	0.031750	x	846589 =	26879.23	48	32	32 Honolulu
33	0.030773	x	846589 =	26051.98	49	33	33 Honolulu
34	0.029854	x	846589 =	25274.13	50	34	34 Honolulu
35	0.028989	x	846589 =	24541.39	51	35	35 Honolulu

RGM = reciprocal of the geometric mean

BIU = Basic Island Unit