State Population Total	1,392,313
City & County of Honolulu	976,372
Hawaii County	189,191
Kauai County	68,434
Maui County	158,316

2012

The State of Hawaii

DATA BOOK

A Statistical Abstract

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

2012

The State of Hawaii

DATA BOOK

A Statistical Abstract

DBEDT

THE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

STATE OF HAWAII

August 2013

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Census tract maps

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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 Eugene X. Tian, Ph.D., Economic Research Administrator. It was compiled and edited by Naomi Akamine, Mary Blewitt, Jan Nakamoto, and Paul Oshiro. Cover design is by David Hiromoto. The Office of Planning GIS Program, DBEDT, produced the maps.

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

ABOUT THIS EDITION

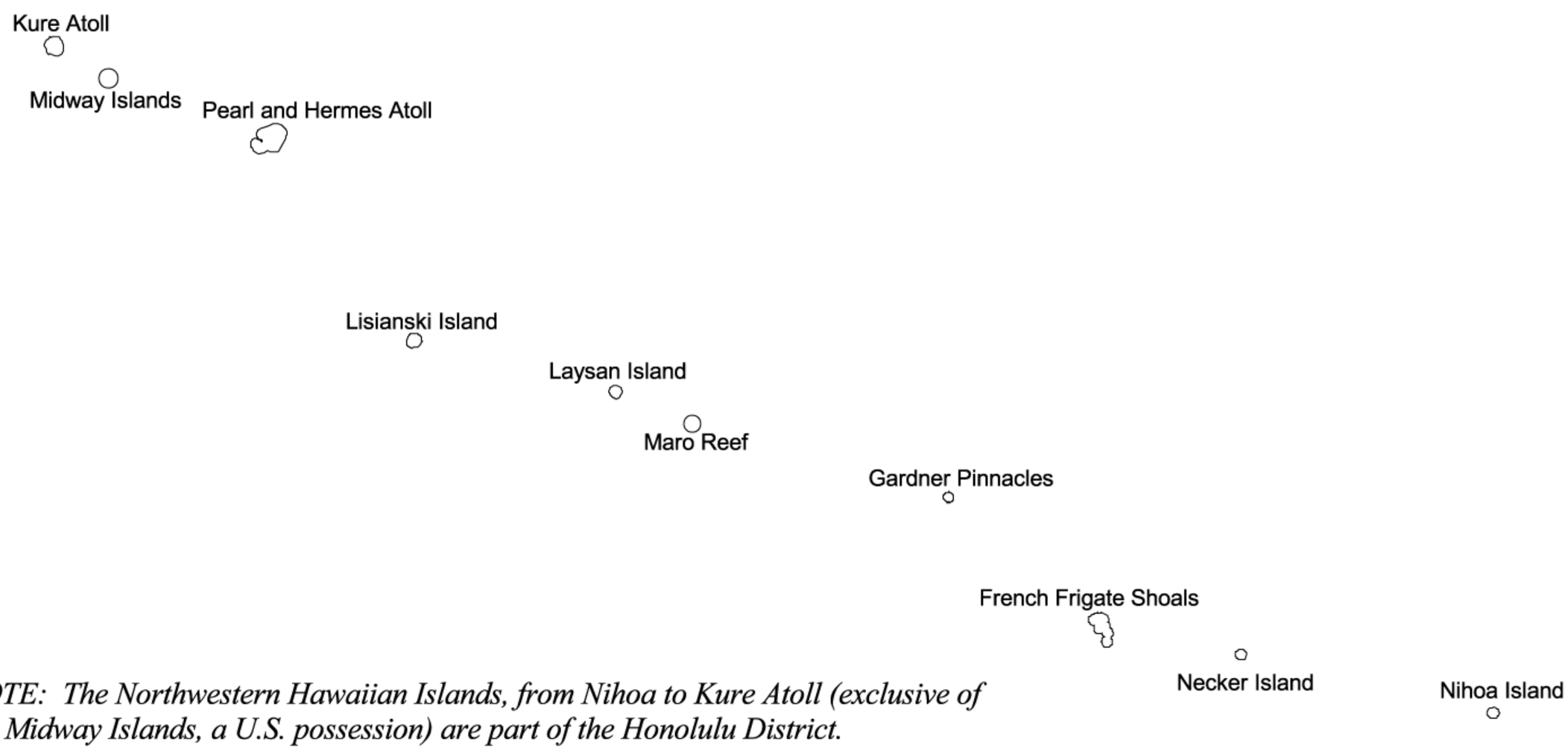
The Department of Business, Economic Development & Tourism is pleased to present the 2012 edition of the *State of Hawaii Data Book*, the official summary of statistics on the social, economic, and political organization of our state.

This edition, the 45th in the series, places 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.

Richard C. Lim
Director of Business,
Economic Development &
Tourism

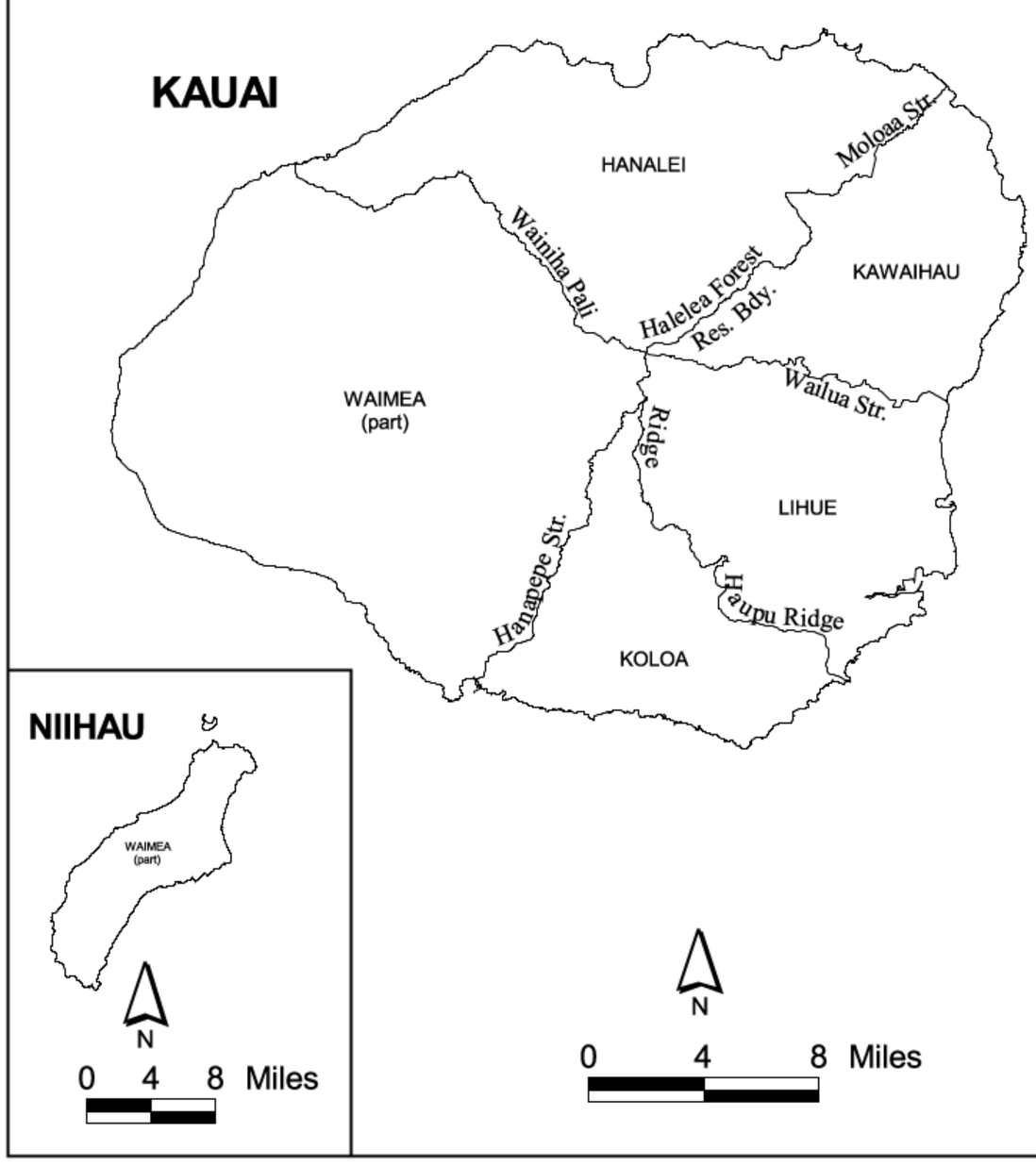
STATE OF HAWAII
COUNTIES and DISTRICTS



NOTE: The Northwestern Hawaiian Islands, from Nihoa to Kure Atoll (exclusive of the Midway Islands, a U.S. possession) are part of the Honolulu District.

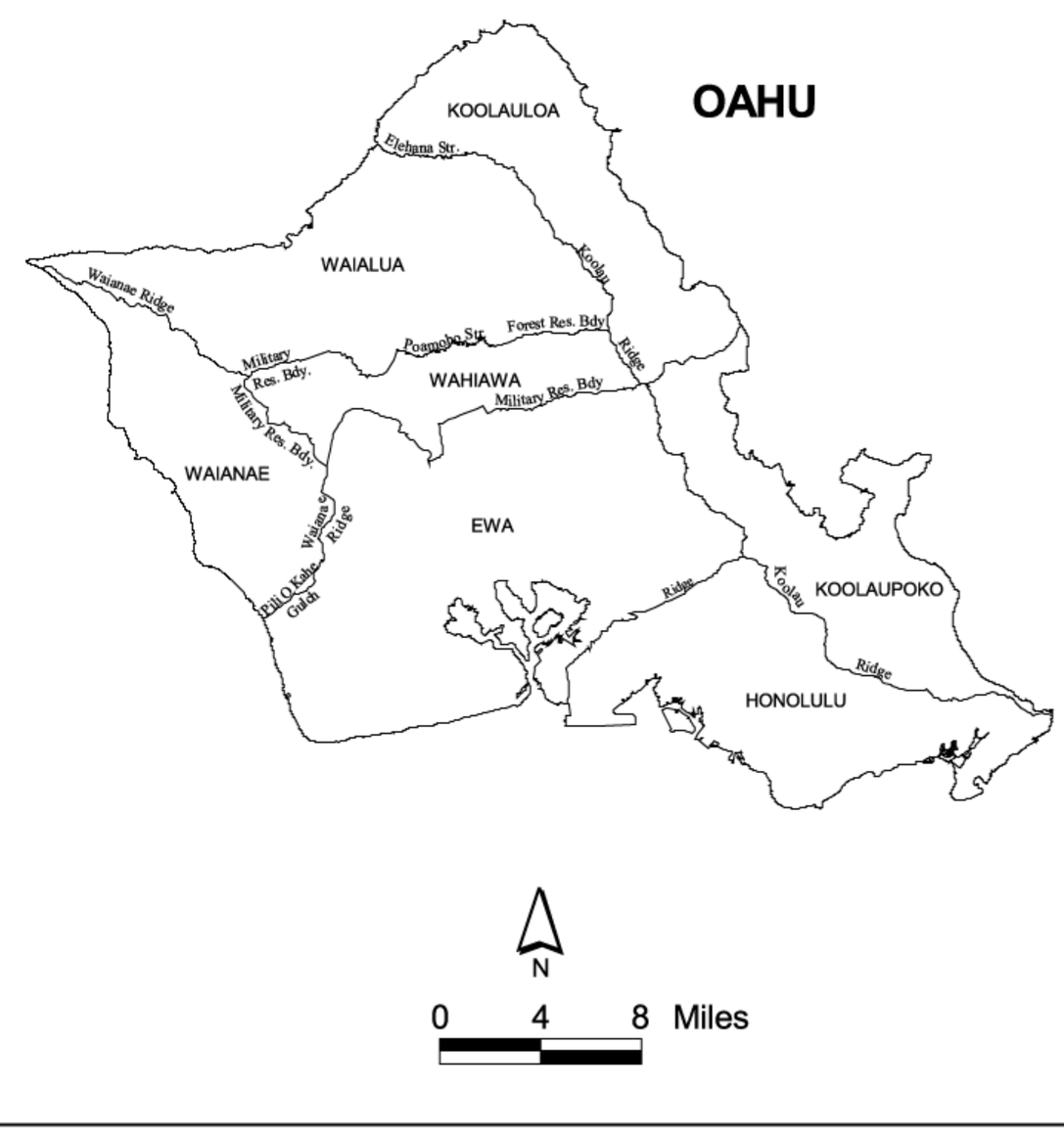
INSET A

KAUAI
COUNTY



INSET B

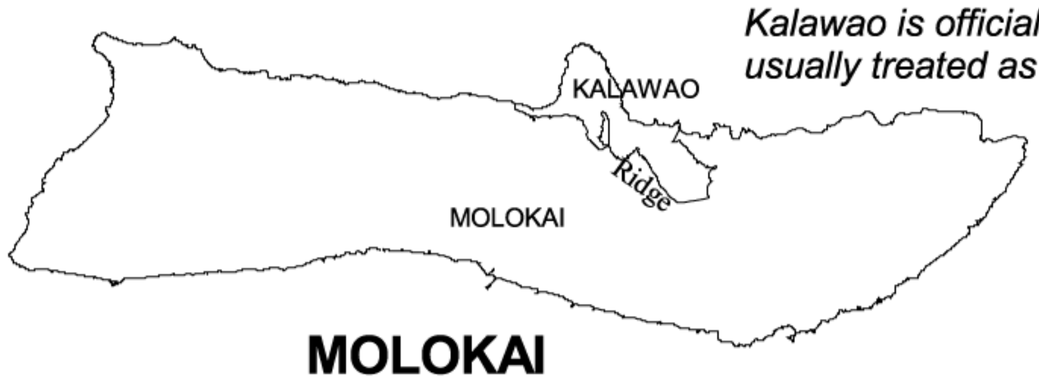
HONOLULU
CITY AND COUNTY



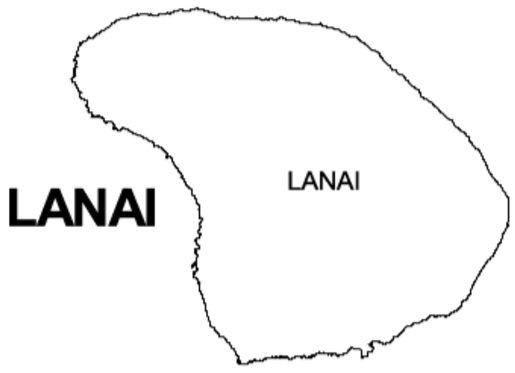
Kalawao is officially designated as a separate county but is usually treated as a district of Maui for statistical purposes.

INSET C

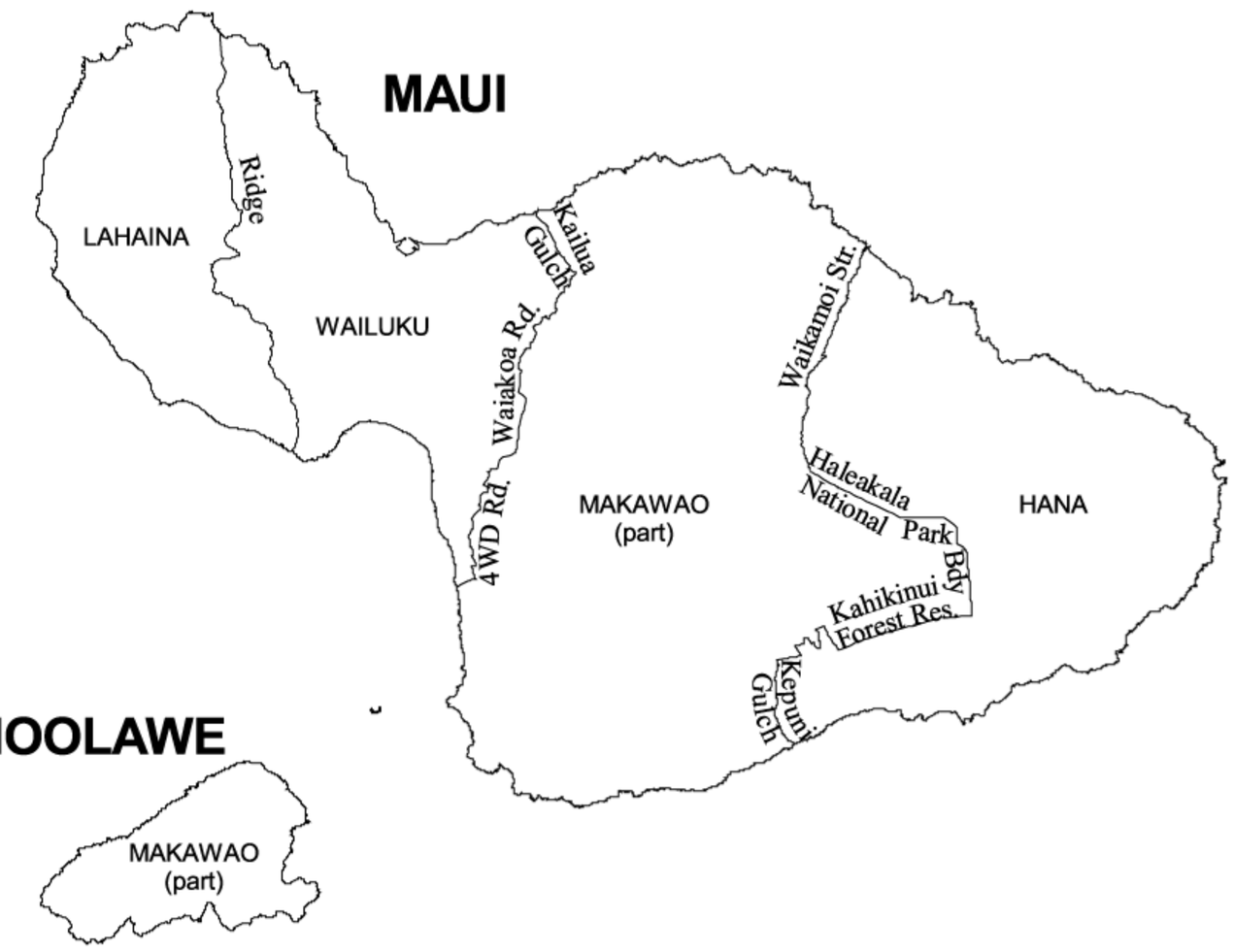
MAUI COUNTY

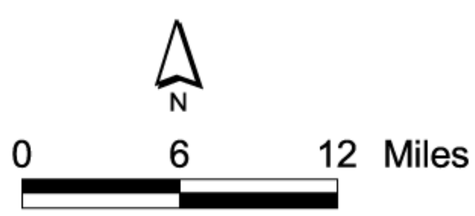


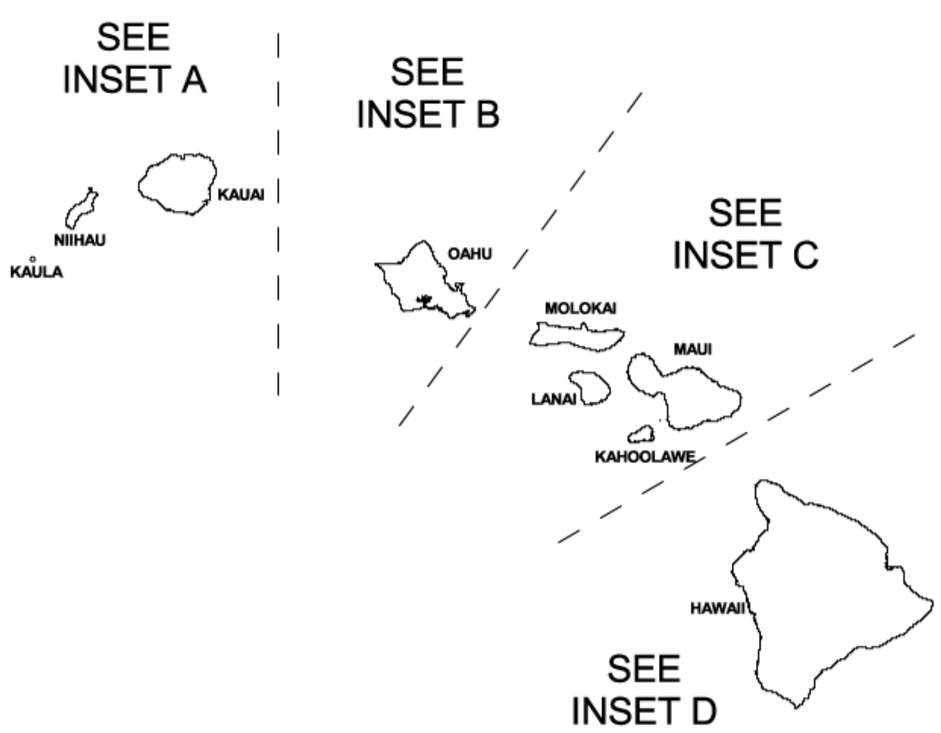
MOLOKAI

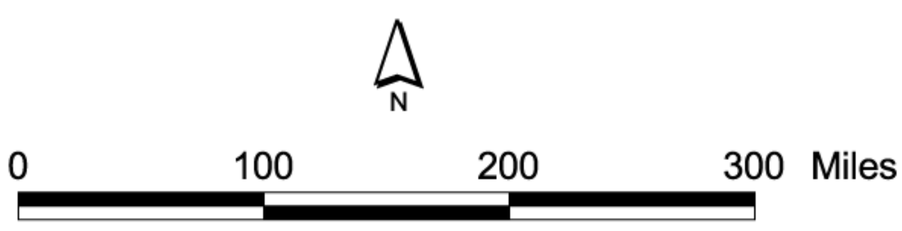


LANAI



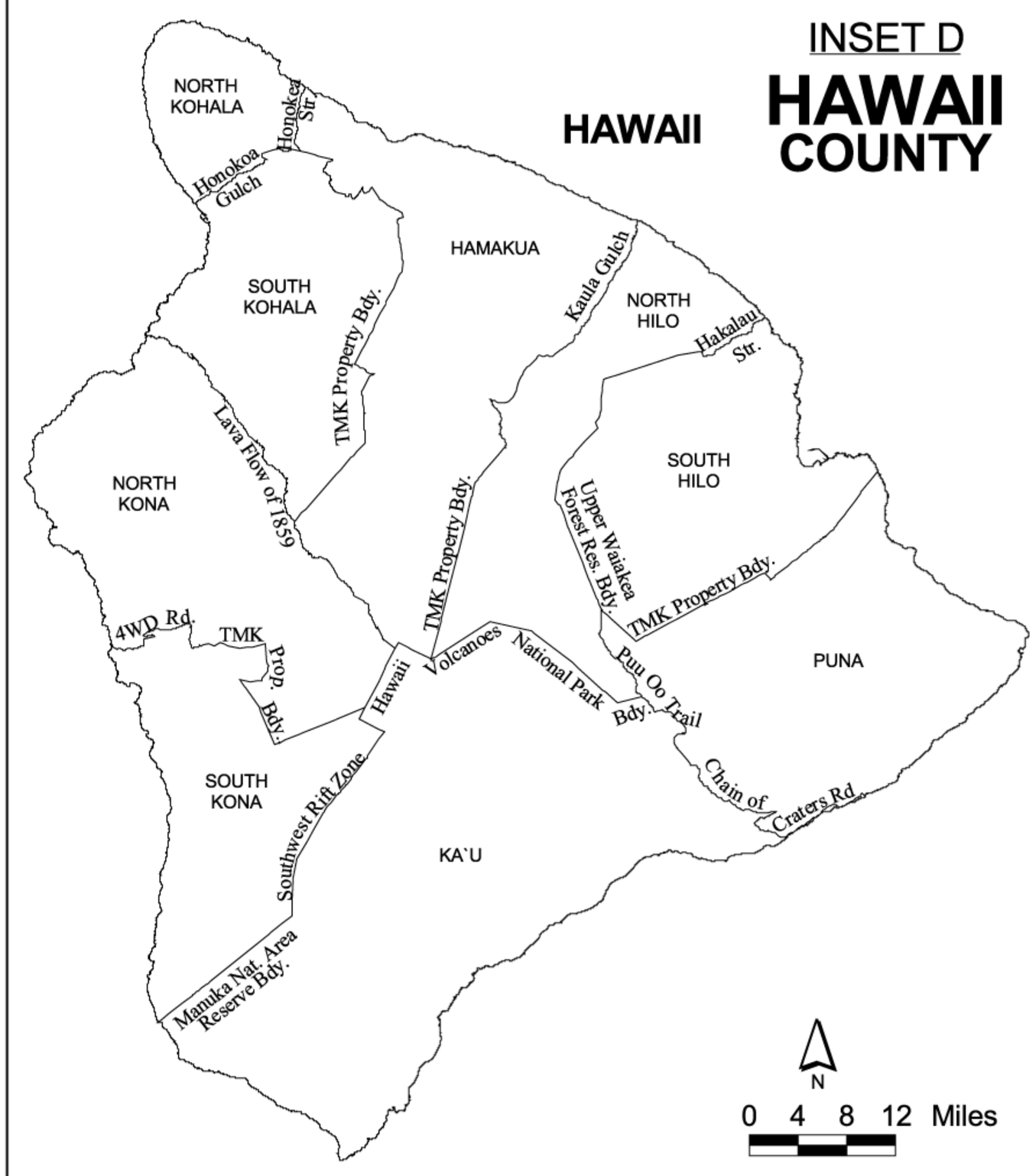






INSET D

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 l950. 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 --

(l) 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 and the annual American Community Survey 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 Hawaii Tourism Authority's Tourism Research; 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: 2012* .

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Table 1.01-- POPULATION OF COUNTIES: 1831 TO 2010

[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
2010: April 1	1,360,301	1.2	953,207	185,079	67,091	154,924

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; U.S. Bureau of the Census, *1990 Census of Population and Housing* , 1990 CPH-1-13 (August 1991), table 2; U.S. Bureau of the Census, Census 2000 Redistricting Data (P.L. 94-171) Summary File (March 19, 2001); and U.S. Bureau of the Census, 2010 Census Redistricting Data (Public Law 94-171) Summary File (February 2011).

Table 1.02-- CHARACTERISTICS OF THE POPULATION: 1831 TO 2010

[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
2010	(NA)	100.3	18.5	3/ 41.5	(NA)	2.89

NA Not available.

1/ Includes Portuguese and most Puerto Ricans. Data from 1970 onward also include some persons of mixed race.

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

3/ The Census 2000 onward 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; U.S. Census Bureau, Census 2000 Summary File 1 Hawaii (July 25, 2001), Census 2000 Summary File 3 Hawaii (September 25, 2002) and 2010 Census Summary File 1 Hawaii (June 16, 2011) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed June 23, 2011, calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.03-- RESIDENT POPULATION, BY MILITARY STATUS: 2000 TO 2012

[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/
2000: April 1	1,211,537	43,496	1,168,041	42,450	1,125,591
July 1	1,213,519	44,448	1,169,071	44,541	1,124,530
2001: July 1	1,225,948	43,802	1,182,146	52,906	1,129,240
2002: July 1	1,239,613	44,512	1,195,101	49,044	1,146,057
2003: July 1	1,251,154	43,938	1,207,216	49,771	1,157,445
2004: July 1	1,273,569	34,370	1,239,199	48,883	1,190,316
2005: July 1	1,292,729	40,371	1,252,358	48,286	1,204,072
2006: July 1	1,309,731	41,757	1,267,974	54,447	1,213,527
2007: July 1	1,315,675	34,891	1,280,784	57,717	1,223,067
2008: July 1	1,332,213	37,522	1,294,691	61,835	1,232,856
2009: July 1	1,346,717	37,527	1,309,190	57,595	1,251,595
2010: April 1 4/	1,360,301	42,525	1,317,776	5/ 65,063	5/ 1,252,713
July 1	1,364,274	40,928	1,323,346	62,322	1,261,024
2011: July 1	1,378,129	41,224	1,336,905	59,849	1,277,056
2012: July 1	1,392,313	43,879	1,348,434	60,271	1,288,163

NA Not available.

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. Population estimates for 2000 through 2009 were based upon the April 1, 2010 figures released on September 28, 2011. 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. The figures in this table for July 1, 2000 to July 1, 2009 were based on the Census 2000 data. Figures for April 1, 2010 onward were based on the 2010 Census data. They may differ somewhat from corresponding figures from other sources.

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

4/ The April 1, 2010 Population Estimate base was used for the April 1 figures. They reflects changes to the April 1, 2010 population due to the Count Resolution Program and the geographic program revisions.

5/ DBEDT estimate for the number of military dependents on April 1, 2010. The "not military dependents" figure on April 1, 2010 is the residual of this DBEDT estimated "military dependents" figure subtracted from the "all civilians" figure.

Continued on next page.

Table 1.03-- RESIDENT POPULATION, BY MILITARY STATUS: 2000 to 2012 -- Con.

Source: U.S. Census Bureau, Population Division, "Table 1. Intercensal Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2010" (ST-EST00INT-01) (September 28, 2011) <http://www.census.gov/popest/data/intercensal/state/state2010.html> accessed September 28, 2011, "Table1. Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2012" (NST-EST2012-01) (Dec. 20, 2012) <http://www.census.gov/popest/data/state/totals/2012/index.html> accessed December 20, 2012, records and decennial censuses; U.S. Census Bureau, Population Division and Hawaii State Department of Business, Economic Development & Tourism, "Single Year of Age and Sex Population Estimates: April 1, 2010 to July 1, 2012 - RESIDENT" (June 13, 2013) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed June 13, 2013 and"Annual Estimates of the Civilian Population by Single Year of Age and Sex for the United States and States: April 1, 2010 to July 1, 201" (SC-EST2012-agesex-civ) (June 13, 2013) <http://www.census.gov/popest/data/state/asrh/2012/index.html> (June 13, 2013) accessed June 13, 2013; 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: 2000 TO 2012

Date	Resident population 1/		De facto population 2/		De facto-resident ratio 2/
	Total	Temporarily absent 3/	Total	Visitors present 4/	
2000: April 1	1,211,537	42,021	1,337,991	168,475	1.104
July 1	1,213,519	46,151	1,336,005	168,637	1.101
2001: July 1	1,225,948	46,566	1,337,629	158,247	1.091
2002: July 1	1,239,613	46,757	1,353,051	160,195	1.092
2003: July 1	1,251,154	53,447	1,358,755	161,048	1.086
2004: July 1	1,273,569	57,481	1,387,569	171,481	1.090
2005: July 1	1,292,729	65,674	1,412,500	185,445	1.093
2006: July 1	1,309,731	68,656	1,430,516	189,441	1.092
2007: July 1	1,315,675	71,626	1,433,461	189,412	1.090
2008: July 1	1,332,213	72,080	1,432,620	172,487	1.075
2009: July 1	1,346,717	69,243	1,442,556	165,082	1.071
2010: July 1	1,364,274	73,217	1,469,006	177,949	1.077
2011: July 1	1,378,129	73,863	1,490,090	185,824	1.081
2012: July 1	1,392,313	75,985	1,517,595	201,267	1.090

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. Population estimates for 2000 through 2009 were revised based upon the April 1, 2010 figures. These revisions were released on September 28, 2011. Population estimates after 2009 were based on data released December 20, 2012 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. As a result of revisions to the resident and de facto population figures, the de facto-resident ratio may also differ from earlier figures cited in other tables.

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.

Source: U.S. Census Bureau, Population Division, "Intercensal Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2010" (ST-EST00INT-01) (September 28, 2011) <http://www.census.gov/popest/data/intercensal/> accessed October 4, 2011 and "Table 1. Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2012" (NST-EST2012-01) (December 20, 2012) <http://www.census.gov/popest/data/state/totals/2012/tables/NST-EST2012-01.xls> accessed December 20, 2012; Hawaii State Department of Business, Economic Development & Tourism, Tourism Research Branch; Hawaii Tourism Authority, Tourism Research; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.05-- RESIDENT POPULATION OF ISLANDS: 1960 TO 2010

[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	1960	1970	1980	1990	2000	2010
State of Hawaii	632,772	769,913	964,691	1,108,229	1,211,537	1,360,301
Hawaii	61,332	63,468	92,053	120,317	148,677	185,079
Kahoolawe	-	-	-	-	-	-
Maui 1/	35,717	38,691	62,823	91,361	117,644	144,444
Lanai	2,115	2,204	2,119	2,426	3,193	3,135
Molokai	5,023	5,261	6,049	6,717	7,404	7,345
Oahu 2/	500,394	630,497	762,534	836,231	876,151	953,207
Kauai	27,922	29,524	38,856	50,947	58,303	66,921
Niihau 3/	254	237	226	230	160	170
Northwestern Hawaiian Islands	15	31	31	(4/)	5	-
Necker Island	(NA)	(NA)	-	-	5	-
French Frigate Shoals	(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)	2,512	3,227	780	186	(NA)	(NA)
Midway Islands	2,356	2,220	453	13	(NA)	(NA)
Baker Island	-	-	-	-	(NA)	(NA)
Howland Island	-	-	-	-	(NA)	(NA)
Jarvis Island	-	-	-	-	(NA)	(NA)
Johnston Atoll	156	1,007	327	173	(NA)	(NA)
Kingman Reef	-	-	-	-	(NA)	(NA)
Palmyra Atoll	-	-	-	-	(NA)	(NA)

NA Not available.

1/ Including Molokini (uninhabited) and Kalawao County.

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 (Public Law 94-171) Summary File (March 19, 2001) and 2010 Census Redistricting Data (Public Law 94-171) Summary File (February 24, 2011).

Table 1.06-- RESIDENT POPULATION, BY COUNTY: 2000 TO 2012

[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/
2000: April 1 2/	1,211,537	876,156	148,677	58,463	128,241
July 1 3/	1,213,519	876,629	149,244	58,568	129,078
2001: July 1 3/	1,225,948	882,755	151,690	59,075	132,428
2002: July 1 3/	1,239,613	890,473	154,576	59,981	134,583
2003: July 1 3/	1,251,154	894,311	158,442	60,805	137,596
2004: July 1 3/	1,273,569	907,997	162,852	62,095	140,625
2005: July 1 3/	1,292,729	918,181	168,237	62,863	143,448
2006: July 1 3/	1,309,731	926,954	173,536	63,465	145,776
2007: July 1 3/	1,315,675	925,335	177,733	64,490	148,117
2008: July 1 3/	1,332,213	933,680	181,506	65,603	151,424
2009: July 1 3/	1,346,717	943,177	183,629	66,518	153,393
2010: April 1 2/	1,360,301	953,207	185,079	67,091	154,924
July 1 3/	1,364,274	956,481	185,438	67,229	155,126
2011: July 1 3/	1,378,129	966,363	187,229	67,781	156,756
2012: July 1 3/	1,392,313	976,372	189,191	68,434	158,316

1/ Including Kalawao County (Kalaupapa Settlement). Kalawao had 147 in 2000, 90 in 2010 and 90 in 2012.

2/ Decennial census figure.

3/ Population estimates for 2000 through 2009 were revised based upon the April 1, 2010 figures which were released September 28, 2011. Population estimates after April 1, 2010 were based on revisions released in April 2012 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, "Table 1. Intercensal Estimates of the Resident Population for Counties of Hawaii: April 1, 2000 to July 1, 2010" (CO-EST00INT-01-15) <http://www.census.gov/popest/data/intercensal/county/tables/CO-EST00INT-01/CO-EST00INT-01-15.xls> accessed September 28, 2011 and "Annual Population Estimates, Estimated Components of Resident Population Change, and Rates of the Components of Resident Population Change for States and Counties: April 1, 2010 to July 1, 2012" (CO-EST2012-alldata) (released March 14, 2013) <http://www.census.gov/popest/data/datasets.html> accessed March 14, 2013.

Table 1.07 -- PERCENTAGE CHANGE IN RESIDENT POPULATION, BY COUNTY: 2000 TO 2012

[July 1 population. 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/
Growth from previous year:					
2000 2/	0.3	-0.3	1.5	0.5	2.3
2001 2/	1.0	0.7	1.6	0.9	2.6
2002 2/	1.1	0.9	1.9	1.5	1.6
2003 2/	0.9	0.4	2.5	1.4	2.2
2004 2/	1.8	1.5	2.8	2.1	2.2
2005 2/	1.5	1.1	3.3	1.2	2.0
2006 2/	1.3	1.0	3.1	1.0	1.6
2007 2/	0.5	-0.2	2.4	1.6	1.6
2008 2/	1.3	0.9	2.1	1.7	2.2
2009 2/	1.1	1.0	1.2	1.4	1.3
2010 2/	1.2	1.3	1.0	1.1	1.1
2011	1.0	1.0	1.0	0.8	1.1
2012	1.0	1.0	1.0	1.0	1.0
Annual growth rate:					
1990-2000	0.9	0.4	2.1	1.3	2.4
2000-2010	1.2	0.9	2.2	1.4	1.9
2010-2012	1.0	1.0	1.0	0.9	1.0

1/ Maui County includes Kalawao County.

2/ Population estimates for 2000 through 2009 were revised based upon the April 1, 2010 figures which were released September 28, 2011. Population estimates after April 1, 2010 were based on revisions released in April 2012 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, "Table 1. Intercensal Estimates of the Resident Population for Counties of Hawaii: April 1, 2000 to July 1, 2010" (CO-EST00INT-01-15) <http://www.census.gov/popest/data/intercensal/county/tables/CO-EST00INT-01/CO-EST00INT-01-15.xls> accessed September 28, 2011 and "Annual Population Estimates, Estimated Components of Resident Population Change, and Rates of the Components of Resident Population Change for States and Counties: April 1, 2010 to July 1, 2012" (CO-EST2012-alldata) (released March 14, 2013) <http://www.census.gov/popest/data/datasets.html> accessed March 14, 2013.

Table 1.08 -- COUNTY POPULATION AS A SHARE OF THE STATE TOTAL: 2000 TO 2012

[In percent; 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/
2000: April 1 2/	72.3	12.3	4.8	10.6
July 1 3/	72.2	12.3	4.8	10.6
2001: July 1 3/	72.0	12.4	4.8	10.8
2002: July 1 3/	71.8	12.5	4.8	10.9
2003: July 1 3/	71.5	12.7	4.9	11.0
2004: July 1 3/	71.3	12.8	4.9	11.0
2005: July 1 3/	71.0	13.0	4.9	11.1
2006: July 1 3/	70.8	13.2	4.8	11.1
2007: July 1 3/	70.3	13.5	4.9	11.3
2008: July 1 3/	70.1	13.6	4.9	11.4
2009: July 1 3/	70.0	13.6	4.9	11.4
2010: April 1 2/	70.1	13.6	4.9	11.4
July 1 3/	70.1	13.6	4.9	11.4
2011: July 1 3/	70.1	13.6	4.9	11.4
2012: July 1 3/	70.1	13.6	4.9	11.4

1/ Maui County includes Kalawao County.

2/ Decennial census figure.

3/ Population estimates for 2000 through 2009 were revised based upon the April 1, 2010 figures which were released September 28, 2011. Population estimates after April 1, 2010 were based on revisions released in April 2012 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; U.S. Census Bureau, Population Division "Table 1. Intercensal Estimates of the Resident Population for Counties of Hawaii: April 1, 2000 to July 1, 2010" (CO-EST00INT-01-15) <http://www.census.gov/popest/data/intercensal/county/tables/CO-EST00INT-01/CO-EST00INT-01-15.xls> accessed September 28, 2011 and "Annual Population Estimates, Estimated Components of Resident Population Change, and Rates of the Components of Resident Population Change for States and Counties: April 1, 2010 to July 1, 2012" (CO-EST2012-alldata) (released March 14, 2013) <http://www.census.gov/popest/data/datasets.html> accessed March 14, 2013.

Table 1.09-- DE FACTO POPULATION, BY COUNTY: 1990 TO 2012

[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. Revised figures for July 1, 2010 through July 1, 2012]

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	1,336,005	926,192	166,429	74,734	168,650
2001: July 1	1,337,629	926,713	168,131	73,940	168,845
2002: July 1	1,353,051	934,070	171,784	74,895	172,302
2003: July 1	1,358,755	931,880	174,683	76,148	176,044
2004: July 1	1,387,569	949,262	180,107	78,167	180,033
2005: July 1	1,412,500	959,340	188,612	79,561	184,987
2006: July 1	1,430,516	967,400	194,008	80,887	188,221
2007: July 1	1,433,461	963,577	196,723	83,286	189,875
2008: July 1	1,432,620	962,908	198,413	81,968	189,331
2009: July 1	1,442,556	972,202	199,047	82,101	189,206
2010: July 1	1,469,006	988,251	202,781	83,536	194,438
2011: July 1	1,490,090	1,000,537	205,866	85,090	198,597
2012: July 1	1,517,595	1,019,156	209,525	87,044	201,870

1/ Maui County including Kalawao County. The 2012 de facto population of Kalawao County, which is the Kalaupapa Settlement on Molokai, was 90.

Source: U.S. Census Bureau, Population Division, "'Table 1. Intercensal Estimates of the Resident Population for Counties of Hawaii: April 1, 2000 to July 1, 2010" (CO-EST00INT-01-15) (September 28, 2011) <http://www.census.gov/popest/intercensal/county/CO-EST00INT-01.html> accessed October 4, 2011; "Table 1. Annual Estimates of the Resident Population for Counties of Hawaii: April 1, 2010 to July 1, 2012" (PEPANNRE) (March 2013) <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=bkmk> accessed March 14, 2013; Hawaii State Department of Business, Economic Development & Tourism, Tourism Research Branch; Hawaii Tourism Authority, Tourism Research, records; and 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: 2010

County and island	Resident population 1/	Land area		Resident population density	
		Square km.	Square miles 2/	Per square km.	Per square mile
State total	1,360,301	16,634.53	6,422.63	81.8	211.8
County					
Honolulu	953,207	1,555.92	600.74	612.6	1,586.7
Hawaii	185,079	10,433.55	4,028.42	17.7	45.9
Maui 3/	154,924	3,039.38	1,173.51	51.0	132.0
Kauai	67,091	1,605.68	619.96	41.8	108.2
Island					
Oahu	953,207	1,547.88	597.64	615.8	1,594.9
Hawaii	185,079	10,433.55	4,028.42	17.7	45.9
Maui	144,444	1,999.45	771.99	72.2	187.1
Lanai	3,135	365.36	141.07	8.6	22.2
Molokai	7,345	674.58	260.46	10.9	28.2
Kauai	66,921	1,430.59	552.35	46.8	121.2
Niihau	170	175.09	67.60	1.0	2.5
Northwestern Hawaiian Islands 4/	-	8.03	3.10	-	-

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/ Square kilometers converted to square miles by dividing by 2.589988.

3/ Maui County includes Kalawao County.

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

Source: U.S. Census Bureau, 2010 Census Redistricting Data (Public Law 94-171) Summary File (February 2011); calculations by the Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center.

Table 1.12-- RESIDENT POPULATION OF COUNTIES AND DISTRICTS: 1990, 2000, AND 2010

County and district (see maps)	April 1, 1990	April 1, 2000	April 1, 2010	Percent change 1990 to 2000	Percent change 2000 to 2010
State total	1,108,229	1,211,537	1,360,301	9.3	12.3
Hawaii County	120,317	148,677	185,079	23.6	24.5
Puna	20,781	31,335	45,326	50.8	44.6
South Hilo	44,639	47,386	50,927	6.2	7.5
North Hilo	1,541	1,720	2,041	11.6	18.7
Hamakua	5,545	6,108	6,513	10.2	6.6
North Kohala	4,291	6,038	6,322	40.7	4.7
South Kohala	9,140	13,131	17,627	43.7	34.2
North Kona	22,284	28,543	37,875	28.1	32.7
South Kona	7,658	8,589	9,997	12.2	16.4
Ka'u	4,438	5,827	8,451	31.3	45.0
Maui County 1/	100,504	128,241	154,924	27.6	20.8
Hana	1,895	1,855	2,291	-2.1	23.5
Makawao	29,207	36,476	41,887	24.9	14.8
Wailuku	45,685	61,346	78,110	34.3	27.3
Lahaina	14,574	17,967	22,156	23.3	23.3
Lanai	2,426	3,193	3,135	31.6	-1.8
Molokai	6,587	7,257	7,255	10.2	0.0
Kalawao	130	147	90	13.1	-38.8
City & Co. of Honolulu	836,231	876,156	953,207	4.8	8.8
Honolulu	377,059	372,279	390,738	-1.3	5.0
Koolaupoko	117,694	117,994	115,164	0.3	-2.4
Koolauloa	18,443	18,899	21,406	2.5	13.3
Waialua	11,549	14,027	13,046	21.5	-7.0
Wahiawa	43,886	38,370	41,216	-12.6	7.4
Waianae	37,411	42,259	48,519	13.0	14.8
Ewa	230,189	272,328	323,118	18.3	18.7
Kauai County	51,177	58,463	67,091	14.2	14.8
Hanalei	4,631	6,348	7,828	37.1	23.3
Kawaihau	15,627	18,525	20,992	18.5	13.3
Lihue	10,663	12,022	14,683	12.7	22.1
Koloa	11,368	12,845	14,086	13.0	9.7
Waimea	8,888	8,723	9,502	-1.9	8.9

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 (Public Law 94-171) Summary File (March 19, 2001) and 2010 Census Redistricting Data (Public Law 94-171) Summary File (February 24, 2011) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed June 3, 2011.

Table 1.13-- RESIDENT POPULATION OF ISLANDS AND CENSUS DESIGNATED PLACES: 2010

[This table presents data for the 151 "census designated places" defined by the Hawaii State Department of Business, Economic Development & Tourism, in cooperation with the U.S. Census Bureau and the county planning departments, for the 2010 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 2010 place	Population	House-holds	Average household size	Families	Average family size
Hawaii	185,079	67,096	2.70	44,407	3.22
Ainaloa	2,965	1,005	2.95	708	3.43
Captain Cook	3,429	1,258	2.73	859	3.20
Discovery Harbour	949	406	2.34	256	2.80
Eden Roc	942	394	2.39	207	3.21
Fern Acres	1,504	594	2.53	366	3.17
Fern Forest	931	399	2.33	194	3.24
Halaula	469	155	3.03	109	3.46
Hawaiian Acres	2,700	1,119	2.41	637	3.09
Hawaiian Beaches	4,280	1,471	2.91	1,025	3.40
Hawaiian Ocean View	4,437	1,759	2.52	989	3.30
Hawaiian Paradise Park	11,404	3,892	2.93	2,743	3.39
Hawi	1,081	337	3.21	263	3.50
Hilo	43,263	15,483	2.69	10,287	3.20
Holualoa	8,538	3,433	2.49	2,131	2.95
Honalo	2,423	800	2.98	551	3.38
Honaunau-Napoopoo	2,567	932	2.75	613	3.25
Honokaa	2,258	751	2.91	529	3.46
Honomu	509	198	2.57	125	3.21
Kahaluu-Keauhou	3,549	1,456	2.37	957	2.75
Kailua	11,975	4,196	2.74	2,720	3.29
Kalaoa	9,644	3,434	2.80	2,353	3.18
Kapaau	1,734	584	2.93	412	3.49
Keaau	2,253	701	3.20	522	3.68
Kealakekua	2,019	749	2.66	468	3.25
Kukuihaele	336	108	3.11	76	3.57
Kurtistown	1,298	476	2.73	335	3.25
Laupahoehoe	581	214	2.71	154	3.10
Leilani Estates	1,560	696	2.24	379	2.82
Mountain View	3,924	1,318	2.98	966	3.42
Naalehu	866	251	3.45	192	3.91
Nanawale Estates	1,426	520	2.74	307	3.51

Continued on next page.

Table 1.13-- RESIDENT POPULATION OF ISLANDS AND CENSUS DESIGNATED PLACES: 2010 -- Con.

Island and 2010 place	Population	House-holds	Average household size	Families	Average family size
Hawaii (con.)					
Orchidlands Estates	2,815	1,011	2.78	652	3.38
Paauilo	595	195	3.05	134	3.66
Pahala	1,356	424	3.15	306	3.71
Pahoa	945	321	2.94	219	3.50
Papaikou	1,314	431	3.05	327	3.40
Paukaa	425	190	2.17	119	2.64
Pepeekeo	1,789	629	2.84	448	3.28
Puako	772	393	1.96	223	2.43
Volcano	2,575	1,228	2.10	652	2.78
Waikoloa Village	6,362	2,334	2.72	1,607	3.16
Waimea	9,212	3,150	2.85	2,260	3.30
Wainaku	1,224	409	2.93	304	3.26
Waiohinu	213	63	3.38	51	3.73
Maui	144,444	50,215	2.82	32,941	3.36
Haiku-Pauwela	8,118	3,119	2.60	1,959	3.09
Haliimaile	964	295	3.27	210	3.76
Hana	1,235	390	3.17	252	3.99
Kaanapali	1,045	465	2.25	311	2.64
Kahului	26,337	7,111	3.46	5,313	3.90
Kapalua	353	163	2.17	116	2.53
Keokea	1,612	544	2.96	384	3.46
Kihei	20,881	8,095	2.56	4,736	3.19
Kula	6,452	2,649	2.43	1,767	2.87
Lahaina	11,704	3,535	3.24	2,276	3.83
Launiupoko	588	216	2.72	160	2.99
Maalaea	352	196	1.56	81	2.15
Mahinahina	880	317	2.78	234	3.00
Makawao	7,184	2,563	2.78	1,754	3.23
Makena	99	47	2.06	28	2.57
Napili-Honokowai	7,261	2,942	2.47	1,595	3.18
Olinda	1,084	445	2.44	271	2.88
Olowalu	80	35	2.29	21	2.43
Paia	2,668	932	2.86	548	3.45
Pukalani	7,574	2,696	2.81	1,949	3.20
Waihee-Waiehu	8,841	2,344	3.77	1,944	4.01
Waikapu	2,965	879	3.37	723	3.56
Wailea	5,938	2,760	2.13	1,547	2.58
Wailuku	15,313	5,600	2.70	3,663	3.27

Continued on next page.

Table 1.13-- RESIDENT POPULATION OF ISLANDS AND CENSUS DESIGNATED PLACES: 2010 -- Con.

Island and 2010 place	Population	House-holds	Average household size	Families	Average family size
Lanai	3,135	1,158	2.71	788	3.30
Lanai City	3,102	1,140	2.72	776	3.32
Manele	29	16	1.81	11	2.18
Molokai	7,345	2,582	2.84	1,782	3.42
Kaunakakai	3,425	1,254	2.73	850	3.32
Kualapuu	2,027	583	3.44	465	3.84
Maunaloa	376	111	3.39	92	3.65
Ualapu'e	425	157	2.71	103	3.39
Oahu	953,207	311,047	2.95	217,842	3.48
Ahuimanu	8,810	2,745	3.19	2,246	3.44
Aiea	9,338	2,786	3.34	2,220	3.63
East Honolulu	49,914	17,684	2.81	13,854	3.11
Ewa Beach	14,955	3,298	4.50	2,891	4.56
Ewa Gentry	22,690	6,871	3.30	5,477	3.66
Ewa Villages	6,108	1,411	4.32	1,209	4.59
Halawa	14,014	4,217	3.26	3,204	3.66
Haleiwa	3,970	1,191	3.29	866	3.72
Hauula	4,148	946	4.08	784	4.39
Heeia	4,963	1,557	3.18	1,300	3.40
Hickam Housing	6,920	1,918	3.38	1,722	3.62
Iroquois Point	3,374	1,064	3.17	834	3.46
Kaaawa	1,379	455	3.03	339	3.46
Kahaluu	4,738	1,392	3.39	1,092	3.68
Kahuku	2,614	622	4.20	495	4.74
Kailua	38,635	12,921	2.98	9,653	3.31
Kalaeloa	48	10	4.80	8	5.50
Kaneohe	34,597	11,138	3.05	8,490	3.43
Kaneohe Station	9,517	2,115	3.09	2,019	3.17
Kapolei	15,186	4,150	3.63	3,589	3.86
Kawela Bay	330	153	2.16	83	2.90
Ko Olina	1,799	803	2.24	538	2.63
Laie	6,138	965	4.43	790	4.57
Maili	9,488	2,254	3.97	1,867	4.24
Makaha	8,278	2,528	3.21	1,686	3.89
Makaha Valley	1,341	528	2.54	337	3.02
Makakilo	18,248	5,449	3.35	4,470	3.59
Maunawili	2,040	684	2.98	572	3.15
Mililani Mauka	21,039	7,193	2.92	5,631	3.33

Continued on next page.

Table 1.13-- RESIDENT POPULATION OF ISLANDS AND CENSUS DESIGNATED PLACES: 2010 -- Con.

Island and 2010 place	Population	House-holds	Average household size	Families	Average family size
Oahu (con.)					
Mililani Town	27,629	9,038	3.06	7,433	3.33
Mokuleia	1,811	755	2.40	435	2.96
Nanakuli	12,666	2,666	4.71	2,281	4.95
Ocean Pointe	8,361	2,658	3.14	2,194	3.40
Pearl City	47,698	14,268	3.08	11,347	3.42
Punaluu	1,164	435	2.55	266	3.24
Pupukea	4,551	1,580	2.88	1,011	3.21
Royal Kunia	14,525	3,995	3.64	3,403	3.84
Schofield Barracks	16,370	3,602	3.55	3,362	3.69
Urban Honolulu	337,256	129,408	2.51	74,688	3.24
Wahiawa	17,821	5,734	3.08	4,076	3.62
Waialua	3,860	1,165	3.31	885	3.65
Waianae	13,177	2,980	4.25	2,523	4.47
Waikane	778	208	3.74	168	4.11
Waikele	7,479	2,842	2.63	2,020	3.09
Waimalu	13,730	5,587	2.45	3,376	3.10
Waimanalo	5,451	1,341	4.05	1,130	4.24
Waimanalo Beach	4,481	1,062	4.17	828	4.71
Waipahu	38,216	8,383	4.45	6,934	4.60
Waipio	11,674	3,941	2.95	2,848	3.38
Waipio Acres	5,236	1,822	2.87	1,232	3.47
West Loch Estate	5,485	1,600	3.43	1,308	3.77
Wheeler AFB	1,634	554	2.90	498	3.07
Whitmore Village	4,499	1,006	4.44	888	4.49
Kauai	66,921	23,213	2.88	16,121	3.30
Anahola	2,223	659	3.36	478	3.86
Eleele	2,390	740	3.23	583	3.60
Haena	431	166	2.60	100	3.18
Hanalei	450	186	2.42	115	2.87
Hanamaulu	3,835	1,055	3.62	831	4.00
Hanapepe	2,638	868	3.04	643	3.49
Kalaheo	4,595	1,670	2.75	1,203	3.16
Kalihiwai	428	156	2.52	102	2.91
Kapaa	10,699	3,653	2.89	2,506	3.36
Kaumakani	749	203	3.69	162	4.05
Kekaha	3,537	1,165	3.03	821	3.60
Kilauea	2,803	958	2.93	672	3.28
Koloa	2,144	730	2.93	512	3.41

Continued on next page.

Table 1.13-- RESIDENT POPULATION OF ISLANDS AND CENSUS DESIGNATED PLACES: 2010 -- Con.

Island and 2010 place	Population	House-holds	Average household size	Families	Average family size
Kauai (con.)					
Lawai	2,363	872	2.71	633	3.07
Lihue	6,455	2,333	2.70	1,521	3.29
Omao	1,301	453	2.69	305	3.11
Pakala Village	294	106	2.77	73	3.29
Poipu	979	447	2.19	287	2.64
Princeville	2,158	933	2.22	568	2.61
Puhi	2,906	932	3.10	661	3.63
Wailua	2,254	885	2.55	556	3.11
Wailua Homesteads	5,188	1,930	2.67	1,355	3.03
Waimea	1,855	655	2.73	459	3.22
Wainiha	318	110	2.89	69	3.25
Niihau	170	27	6.30	26	6.08

Source: U.S. Census Bureau, 2010 Census Summary File 1 (June 16, 2011) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed June 20, 2011; calculations by the Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center.

Table 1.14-- POPULATION AND PERCENTAGE CHANGE RANKINGS: 2010 AND 2012

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

Comparison 1/	Resident population, 2012	Ranking		
		Population 2/		Percent change, 2010-2012 3/
		2010	2012	
State of Hawaii				
Among the 50 States and D.C.	1,392,313	40	40	12
Among the 50 States	1,392,313	40	40	11
Urban Honolulu MSA 4/				
Among all MSAs 5/	976,372	54	54	98
Kahului-Wailuku-Lahaina MSA 6/	158,316	257	254	117
City and County of Honolulu 7/				
Among all counties	976,372	43	44	413
Among incorporated places 8/	976,372	10	11	312
Urban Honolulu CDP 9/				
Among incorporated places 8/	345,610	53	54	308
Hawaii County 10/	189,191	334	336	457
Kalawao County 10/	90	11/ 3,142	11/ 3,142	12/ 1,502
Kauai County 10/	68,434	781	774	519
Maui County 10/	158,226	402	399	465
Hilo Micropolitan 13/	189,191	3	2	52
Kapaa Micropolitan 13/	68,434	109	106	63

Continued on next page.

Table 1.14-- POPULATION AND PERCENTAGE CHANGE RANKINGS: 2010 AND 2012 -- Con.

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

2/ Largest number ranking 1. Rankings for 2010 are based on population from the April 1, 2010 Population Estimates base which reflects changes to the 2010 Census population from the Boundary and Annexation Survey (BAS) and other geographic program revisions. It does not reflect changes from the Count Question Resolution program.

3/ Ranking of the area in regard to 2010-2012 population percent change, greatest percent change ranking 1.

4/ The Urban Honolulu MSA consists of the City and County of Honolulu, comprising Oahu and the Northwestern Hawaiian Islands (except Midway). It was previously known as Honolulu MSA. There were 381 metropolitan statistical areas in 2012.

5/ Metropolitan Statistical Areas (MSAs) contains a core urban area of 50,000 or more population.

6/ The Kahului-Wailuku-Lahaina MSA consists of Maui County (excluding Kalawao County)

7/ The City and County of Honolulu consists of Oahu and the Northwestern Hawaiian Islands (except Midway). There are 3,143 U.S. counties in 2010 and 2012.

8/ Among all 726 incorporated places with over 50,000 population in 2012.

9/ The Honolulu CDP used to consist 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). In 2010, this CDP was split into three separate CDPs - Urban Honolulu, East Honolulu, and Hickam (a portion of the new CDP).

10/ Among all 3,143 U.S. counties.

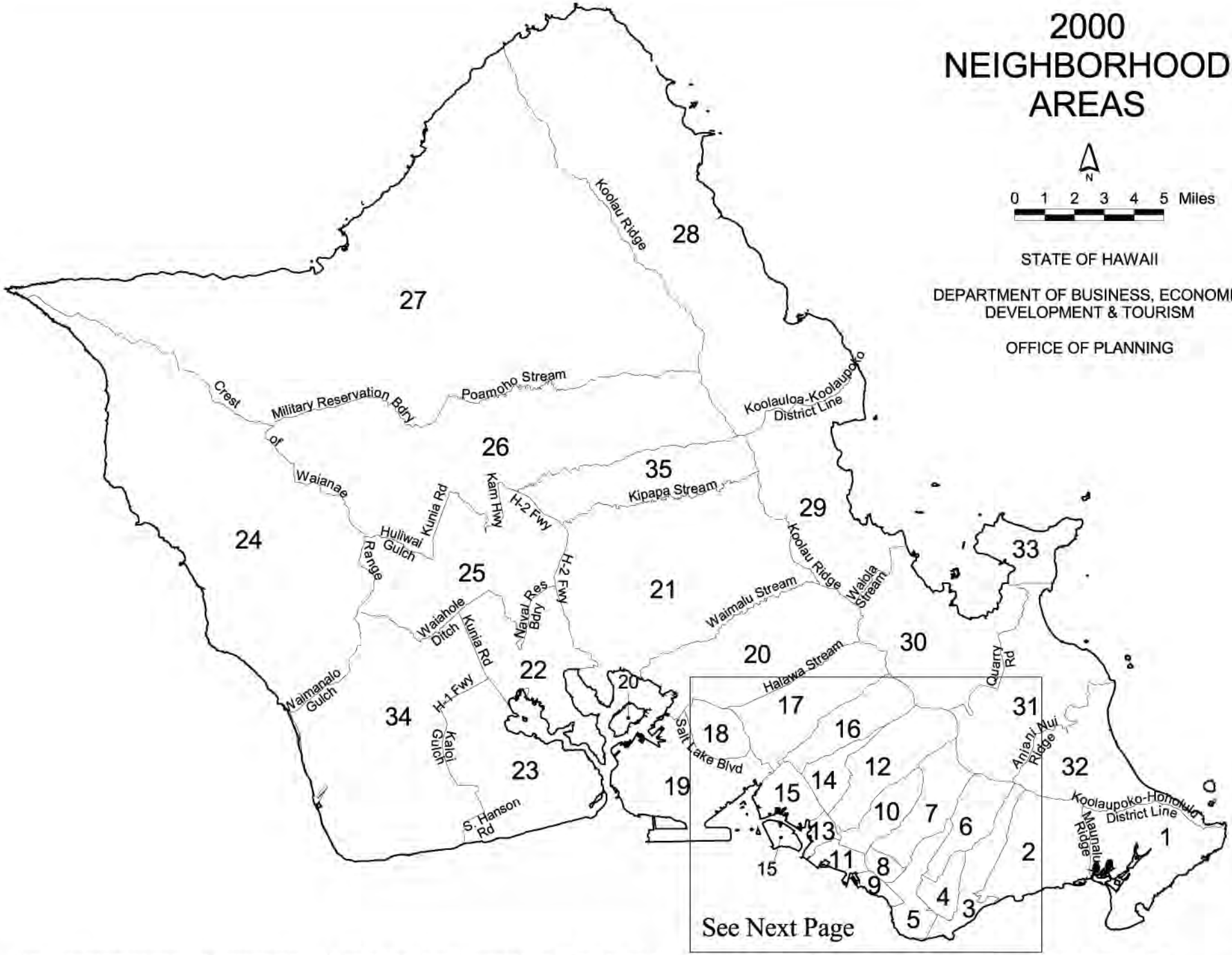
11/ In 2010, Kalawao County had the second lowest county population in the United States. The county with the lowest population was Loving, Texas with a population of 82. In 2012, Kalawao County again had the second lowest county population in the United States, with Loving Texas having the lowest population of 71 people.

12/ Tied with 7 other counties.

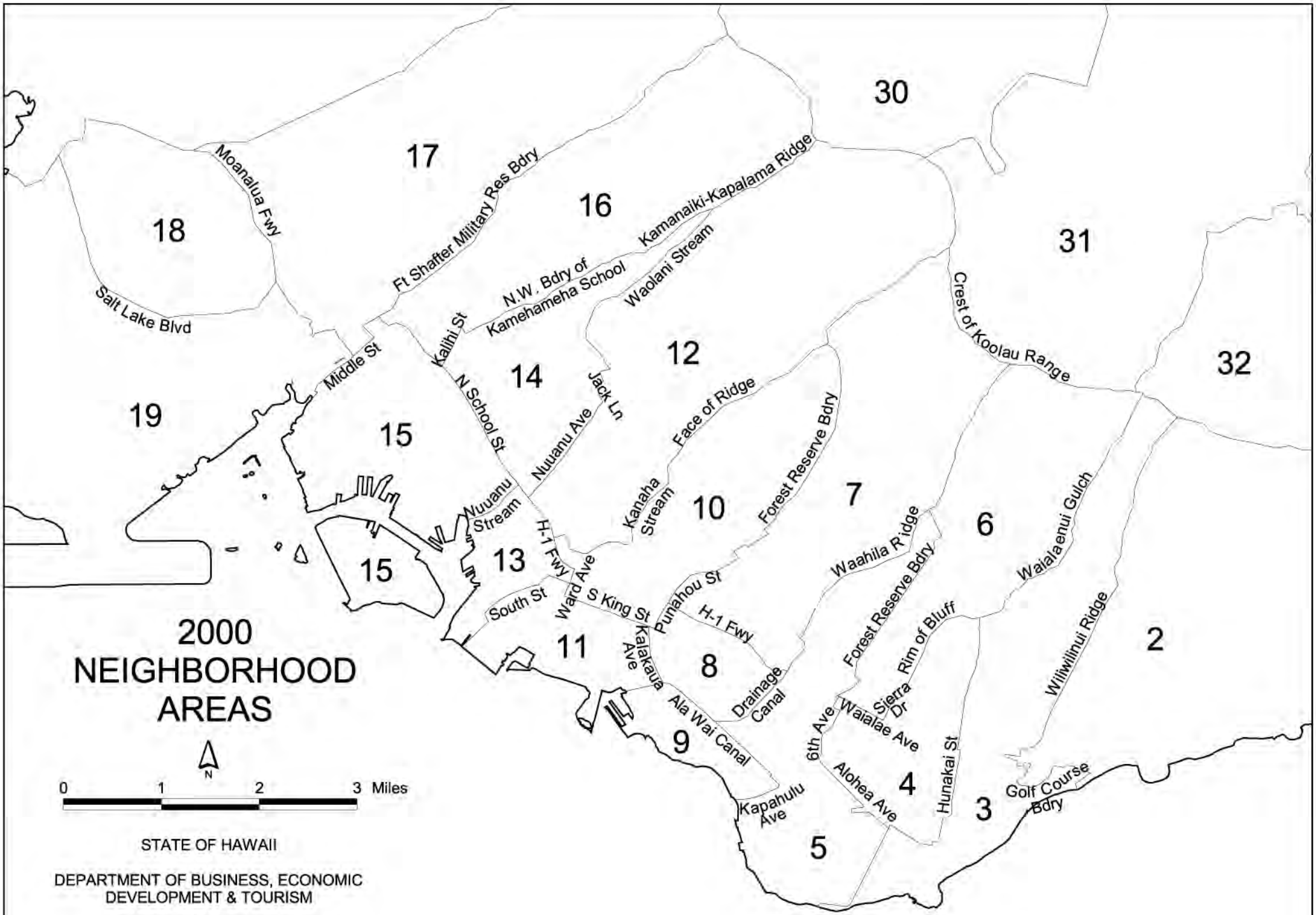
13/ Micropolitan statistical areas contains an urban core of at least 10,000 (but less than 50,000) population. Hilo Micropolitan consists of Hawaii County and Kapaa Micropolitan consists of Kauai County. There were 536 micropolitan statistical areas in 2012.

Source: U.S. Census Bureau, Population Division <http://www.census.gov/popest/data/index.html> accessed through May 24, 2013.

2000 NEIGHBORHOOD AREAS



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 .



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 2010

Neighborhood Area 1/ (see maps)	2000 2/	2010 3/	Percent change
Oahu total	876,156	911,841	4.1
1 Hawaii Kai	27,657	29,814	7.8
2 Kuliouou-Kalani Iki	16,105	15,786	-2.0
3 Waialae-Kahala	9,497	9,854	3.8
4 Kaimuki	18,996	18,491	-2.7
5 Diamond Head/Kapahulu/St. Louis Heights	18,138	17,598	-3.0
6 Palolo	12,331	12,039	-2.4
7 Manoa	21,625	21,114	-2.4
8 McCully/Moiliili	26,122	25,734	-1.5
9 Waikiki	19,720	20,095	1.9
10 Makiki/Lower Punchbowl/Tantalus	29,713	29,733	0.1
11 Ala Moana/Kakaako	14,186	19,014	34.0
12 Nuuanu/Punchbowl	16,693	16,303	-2.3
13 Downtown	14,570	15,620	7.2
14 Liliha/Kapalama	20,310	19,766	-2.7
15 Kalihi-Palama	37,987	38,113	0.3
16 Kalihi Valley	17,937	17,412	-2.9
17 Moanalua	10,566	10,245	-3.0
18 Aliamanu/Salt Lake/Foster Village	36,572	35,969	-1.6
19 Airport Area	21,246	20,626	-2.9
20 Aiea	29,320	29,104	-0.7
21 Pearl City	49,345	47,879	-3.0
22 Waipahu	59,284	61,879	4.4
23 Ewa	43,794	59,877	36.7
24 Waianae Coast	41,242	43,420	5.3
25 Mililani/Waipio/Melemanu	36,805	37,419	1.7
26 Wahiawa	38,929	38,690	-0.6
27 North Shore	18,380	17,724	-3.6
28 Koolauloa	14,546	14,156	-2.7
29 Kahaluu	14,391	13,891	-3.5
30 Kaneohe	34,829	33,788	-3.0
31 Kailua	45,718	43,876	-4.0
32 Waimanalo	11,234	11,141	-0.8
33 Mokapu	11,827	11,513	-2.7
34 Makakilo/Kapolei/Honokai Hale	25,919	35,697	37.7
35 Mililani Mauka-Launani Valley	10,622	18,461	73.8

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/ As of April 1, 2000. 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/ As of June 30. 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 Waialae-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.

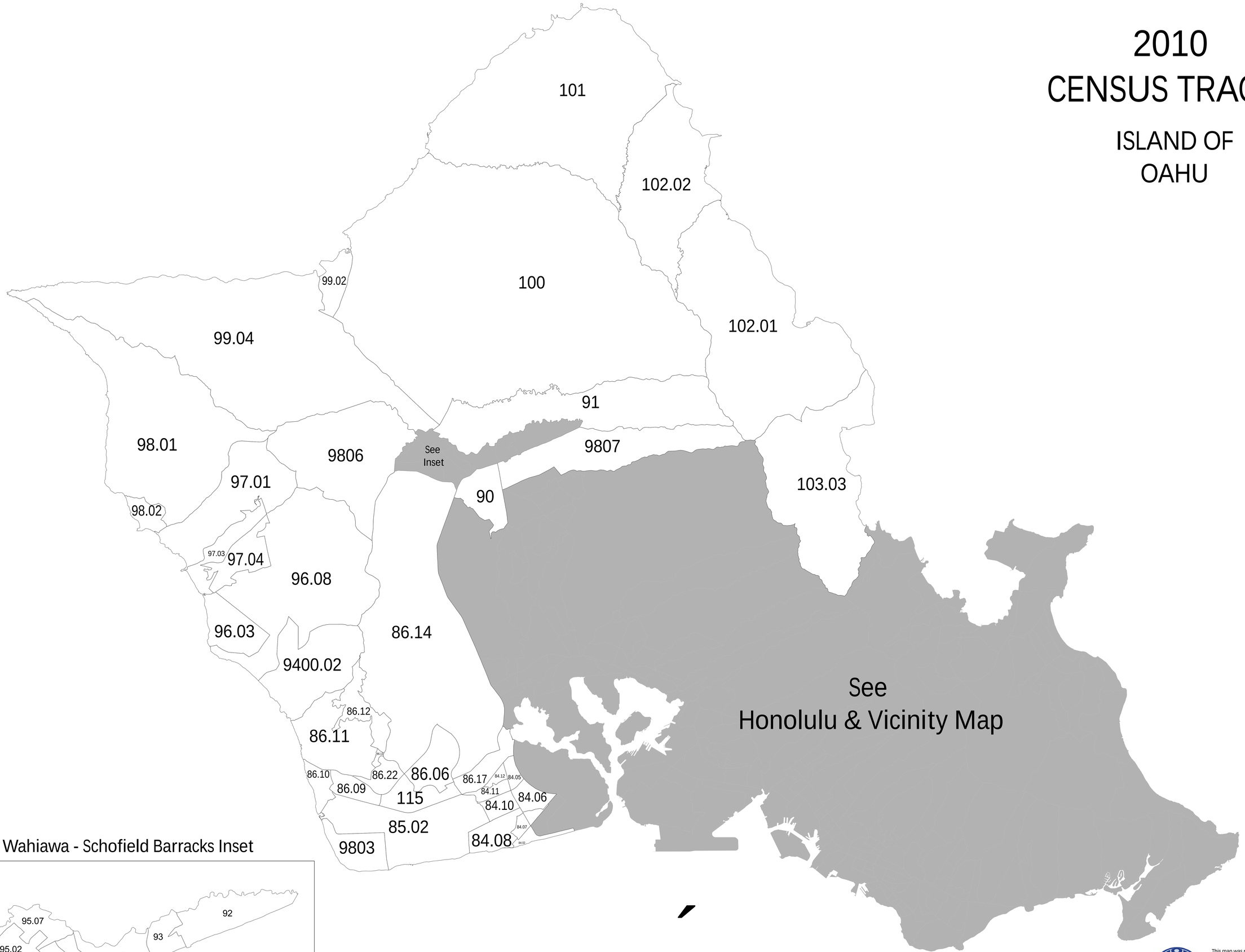
1/ Data in this table pertain to neighborhood areas whose boundaries are very close but do not match exactly to the neighborhood board boundaries. Neighborhood area boundaries for 2000 may not be the same as boundaries for 1990.

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.

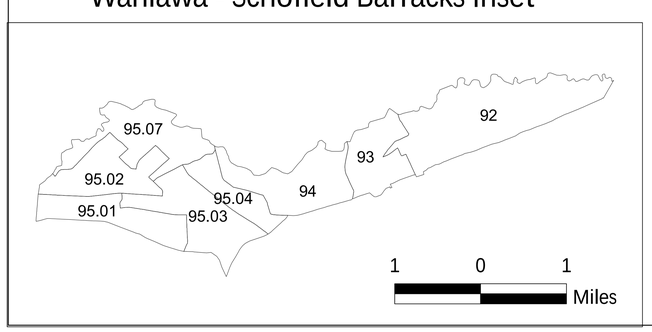
Source: City and County of Honolulu Planning and Permitting Department, Planning Division, Community Profiles for Neighborhood Areas
<http://honoluludpp.org/planning/demographics2/2000/NA/general.pdf> accessed July 3, 2007.

2010 CENSUS TRACTS

ISLAND OF OAHU



Wahiawa - Schofield Barracks Inset

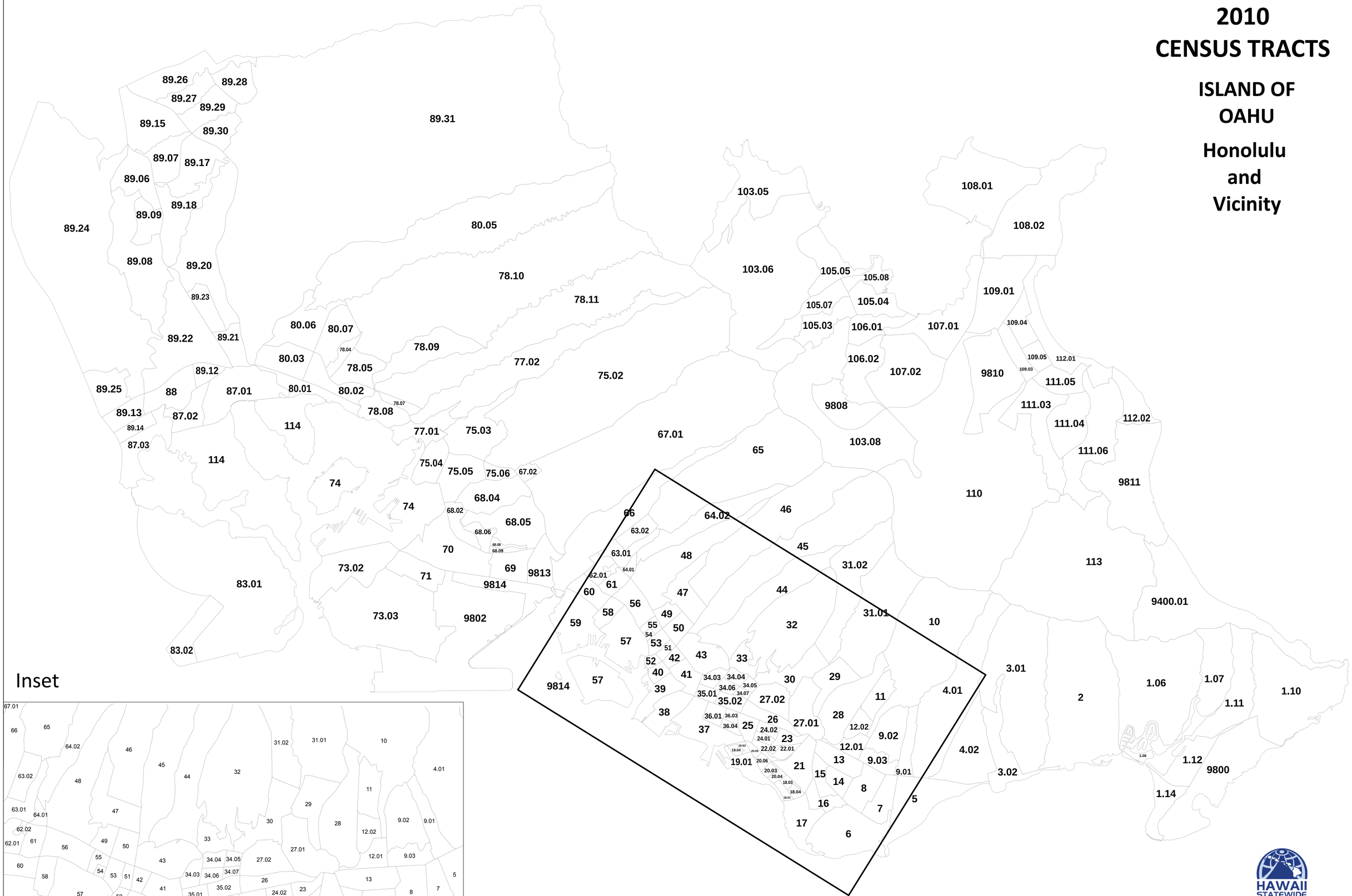


This map was produced by the Office of Planning (OP) for planning purposes. It should not be used for boundary interpretations or other spatial analysis beyond the limitations of the data. Information regarding compilation dates and accuracy of the data presented can be obtained from OP.
Map Date: 2/15/11
Map No.: 20110211-JDS-02
Source:
U.S. Census Bureau, 2011.

2010 CENSUS TRACTS

ISLAND OF OAHU

Honolulu and Vicinity



This map was produced by the Office of Planning (OP) for planning purposes. It should not be used for boundary interpretations or other spatial analysis beyond the limitations of the data. Information regarding compilation dates and accuracy of the data presented can be obtained from OP.
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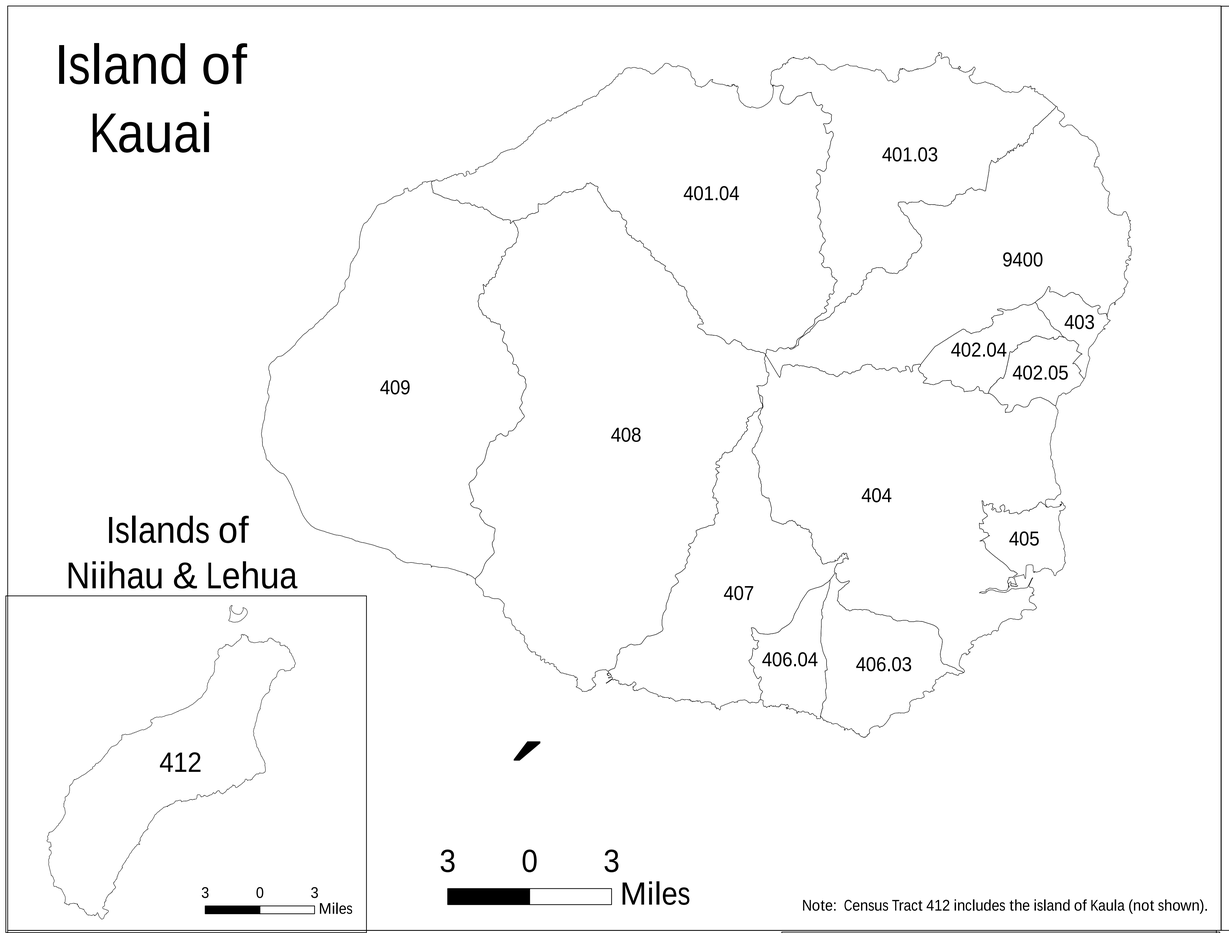
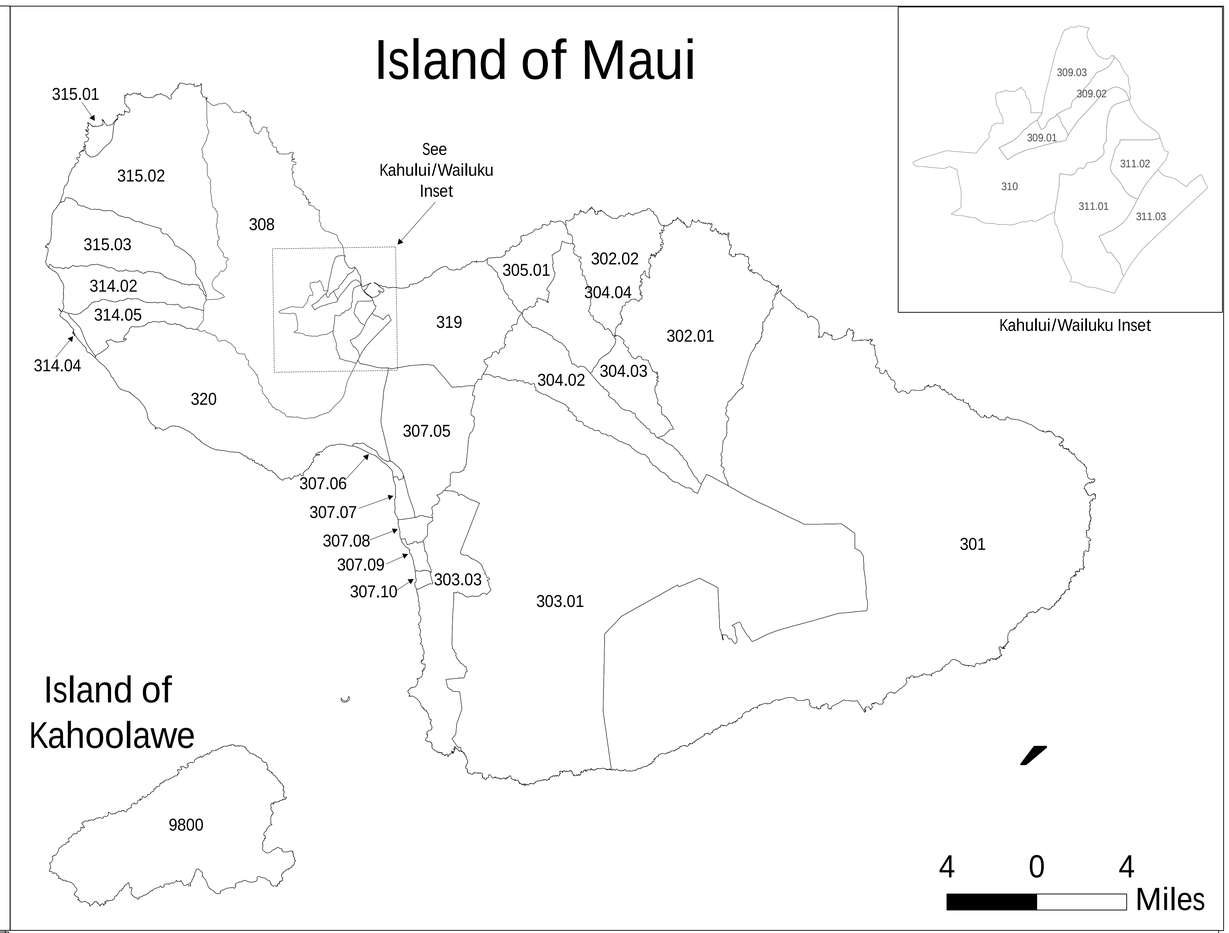
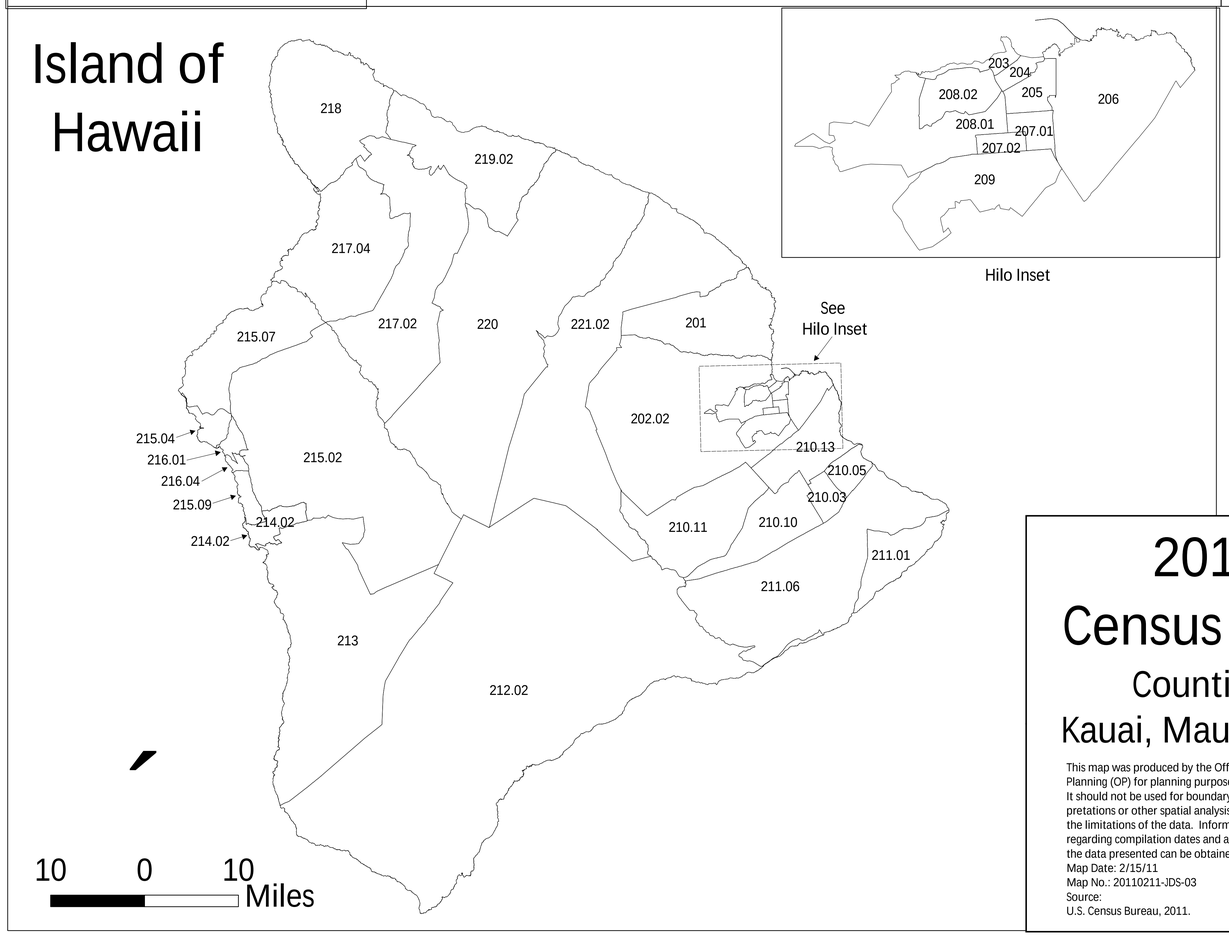


Note: Census Tract 412 includes the island of Kaula (not shown).





2010 Census Tracts

Counties of Kauai, Maui & Hawaii

This map was produced by the Office of Planning (OP) for planning purposes.
It should not be used for boundary interpretations or other spatial analysis beyond the limitations of the data. Information regarding compilation dates and accuracy of the data presented can be obtained from OP.
Map Date: 2/15/11
Map No.: 20110211-JDS-03
Source:
U.S. Census Bureau, 2011.

HAWAII STATEWIDE GIS PROGRAM

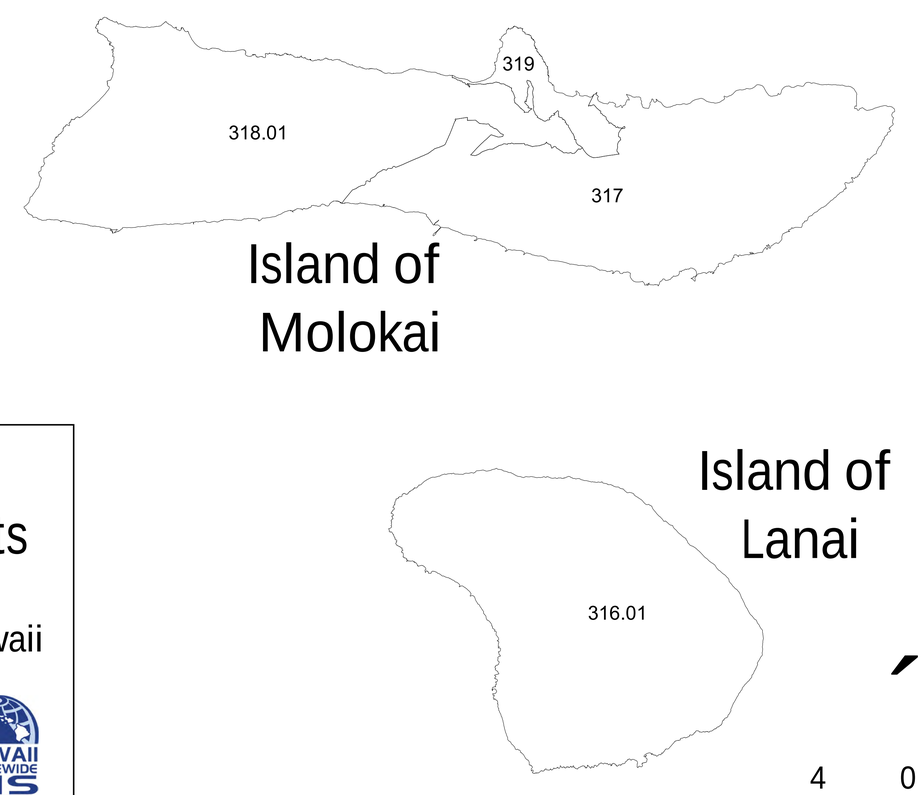


Table 1.17-- RESIDENT POPULATION AND HOUSEHOLDS, BY ISLAND AND CENSUS TRACT: 2010

Island and 2010 census tract	Name	Resident population	Households
State total		1,360,301	455,338
Oahu		953,207	311,047
1.06	Hahaione-Mariners Ridge	7,704	3,106
1.07	Kuapa Isle	2,818	956
1.08	Hawaii Kai Marina	3,264	1,278
1.10	Kalama Valley	4,288	1,457
1.11	Lunalilo Park Subdivision	5,035	1,572
1.12	Koko Marina	5,555	2,017
1.14	Portlock	1,594	554
2	Kuliouou	5,742	1,879
3.01	Aina Haina-Hawaii Loa Ridge	3,307	1,134
3.02	Wailupe	2,990	1,022
4.01	Waialae Nui Ridge-Ainakoa	2,893	1,029
4.02	Waialae Iki	3,999	1,404
5	Waialae-Kahala	3,807	1,380
6	Diamond Head	1,218	480
7	Kaimuki: 22nd Avenue	2,966	1,002
8	Kaimuki: Kapiolani Community College	3,771	1,266
9.01	Waialae Nui Valley	2,736	1,283
9.02	Maunalani Heights	4,088	1,482
9.03	Lower Wilhelmina	2,858	1,058
10	Upper Palolo	3,096	1,040
11	Central Palolo	3,862	1,116
12.01	Waialae Avenue-Pukele Avenue	2,924	1,070
12.02	Lower Palolo	3,030	1,018
13	Kaimuki: 6th Avenue	4,207	1,511
14	Kapaolono Field	2,550	890
15	Upper Kapahulu	3,527	1,267
16	Lower Kapahulu	3,783	1,339
17	Kapiolani Park	2,437	1,270
18.01	Koa Avenue	1,717	928
18.03	Tusitala Street	3,360	1,925
18.04	Jefferson School	1,849	1,021
19.01	Waikiki Beach	837	523
19.03	Ena Road	2,770	1,623
19.04	Hobron Lane	3,912	2,303
20.03	Seaside Avenue	2,477	1,226
20.04	International Market Place	1,398	813
20.05	Ala Wai-Niu Street	2,389	1,364
20.06	Ala Wai-Olohana Street	2,364	1,276
21	Olokele Avenue	3,864	1,655

Continued on next page.

Table 1.17-- RESIDENT POPULATION AND HOUSEHOLDS, BY ISLAND AND CENSUS TRACT: 2010 -- Con.

Island and 2010 census tract	Name	Resident population	Households
Oahu (con.)			
22.01	Kamoku Street-Iolani School	3,684	1,660
22.02	Ala Wai Park-Lauiki Street	3,400	1,677
23	Moiliili	5,523	2,591
24.01	Lower McCully	3,096	1,381
24.02	Upper McCully	3,228	1,601
25	Lower Pawaa	3,915	1,986
26	Bingham Tract	4,249	1,933
27.01	UH Manoa Campus	5,093	676
27.02	Punahou School	5,057	2,083
28	St. Louis Heights	3,678	1,415
29	East Manoa	2,415	870
30	Judd Hillside-Lowrey Avenue	4,321	1,572
31.01	Woodlawn	3,687	1,335
31.02	Upper Manoa	3,335	1,157
32	Round Top-Tantalus	833	314
33	Makiki Heights	1,132	384
34.03	Thurston Street	5,530	2,874
34.04	Makiki Fire Station	4,716	2,259
34.05	Poki Street	3,250	1,798
34.06	Lower Makiki	5,777	2,807
34.07	Maryknoll School	913	491
35.01	Academy of Arts	2,282	1,238
35.02	Upper Pawaa	3,876	2,006
36.01	Sheridan Street	4,109	1,951
36.03	Ahana Street	2,807	1,673
36.04	Kaheka Street-Makaloa Street	2,519	1,460
37	Ala Moana	5,579	2,817
38	Kakaako	3,970	2,113
39	Civic Center	655	234
40	Financial District	1,552	837
41	Queen's Hospital	4,504	2,274
42	Queen Emma Gardens	3,432	1,873
43	Punchbowl	5,591	2,330
44	Pauoa	5,165	1,570
45	Dowsett Highlands	5,145	2,143
46	Puunui-Waokanaka Street	3,735	1,211
47	Alewa-Kawananakoa	4,553	1,553
48	Kamehameha Heights	6,707	1,651
49	Lanakila	3,198	964
50	Kuakini	4,049	1,549
51	Foster Botanical Garden	3,090	1,535

Continued on next page.

Table 1.17-- RESIDENT POPULATION AND HOUSEHOLDS, BY ISLAND AND CENSUS TRACT: 2010 -- Con.

Island and 2010 census tract	Name	Resident population	Households
Oahu (con.)			
52	Chinatown	3,293	1,473
53	Aala	3,636	1,413
54	Mayor Wright Housing	1,637	396
55	Palama	2,078	587
56	Kapalama	6,749	1,862
57	Iwilei-Anuenue	2,148	868
58	Waiakamilo Road	3,440	1,022
59	Mokauea Street	3,353	609
60	Umi Street	5,421	1,281
61	Kalihi Waena	4,175	840
62.01	Kam IV Road	6,047	1,467
62.02	Linapuni Street	1,701	383
63.01	Kalihi Valley Park	3,773	871
63.02	Kalena Drive	2,720	556
64.01	Gulick Avenue-Likelike	2,059	400
64.02	Kamanaiki Street	6,387	1,422
65	Upper Kalihi Valley	4,541	1,038
66	Kahauiki Street	374	59
67.01	Tripler-Moanalua	5,830	1,854
67.02	Red Hill	1,989	848
68.02	Aliamanu	6,842	1,495
68.04	Aliamanu Crater	2,835	729
68.05	Salt Lake Country Club	6,167	2,546
68.06	Ala Lilikoi	1,704	552
68.08	Ala Ilima Mauka	4,423	1,974
68.09	Ala Ilima Makai	5,040	1,905
69	Arizona Road	3,823	978
70	Navy Marine Golf Course	4,041	1,331
71	Nimitz Elementary School	2,713	680
73.02	Hangar Avenue-Vickers Avenue	3,866	1,237
73.03	Hickam Air Force Base	341	1
74	Ford Island	3,981	840
75.02	Halawa Valley	1,376	87
75.03	Halawa Heights	5,160	1,605
75.04	Aloha Stadium	3,171	829
75.05	Foster Village	5,338	1,710
75.06	Red Hill Military Housing	933	265
77.01	Lower Aiea	4,240	1,144
77.02	Aiea Heights	5,098	1,642
78.04	Lower Pearl City	1,907	596
78.05	Waiau Townhouses	5,136	1,685

Continued on next page.

Table 1.17-- RESIDENT POPULATION AND HOUSEHOLDS, BY ISLAND AND CENSUS TRACT: 2010 -- Con.

Island and 2010 census tract	Name	Resident population	Households
Oahu (con.)			
78.07	Pearl Ridge High Rise	5,405	2,744
78.08	Pearlridge Center	3,346	1,053
78.09	Newtown	3,377	1,144
78.10	Royal Summit	5,450	1,930
78.11	Pearl Country Club	4,990	1,795
80.01	Hale Mohalu Hospital	2,005	659
80.02	Lower Waiau	2,837	815
80.03	Manana	4,668	1,697
80.05	Pacific Palisades	6,864	2,028
80.06	Pearl City	4,858	1,469
80.07	Pearl City Highlands	5,306	1,631
83.01	Iroquois Point	4,661	1,388
83.02	Campbell High School	6,749	1,369
84.02	Ewa Beach	8,206	1,929
84.05	Holomua School	4,664	1,196
84.06	Hawaii Prince Golf Course	5,997	1,584
84.07	Ocean Pointe	3,325	1,067
84.08	Hoakalei Country Club	4,728	1,508
84.10	Coral Creek Golf Course	2,346	682
84.11	Geiger Road	3,448	1,133
84.12	Ewa Gentry	6,543	2,359
85.02	Kalaeloa	2,136	498
86.06	Kapolei Golf Course	9,693	2,736
86.09	Ko Olina-Honokai Hale	2,066	646
86.10	Ko Olina Resort	1,051	459
86.11	Kahe	84	29
86.12	Upper Makakilo	6,017	1,902
86.13	Makakilo: Wainohia Street	904	241
86.14	Kunia West	8,232	2,518
86.17	Ewa Villages	9,364	2,421
86.22	Lower Makakilo	4,068	1,024
87.01	Leeward Community College	8,787	1,858
87.02	St. Joseph School	5,593	1,487
87.03	West Loch	6,837	1,643
88	Managers Drive	8,054	1,666
89.06	Mililani Golf Course	3,771	1,334
89.07	Mililani High School	4,232	1,293
89.08	Mililani Marketplace	5,837	1,859
89.09	Mililani District Park	3,806	1,271
89.12	August Ahrens School	2,570	491
89.13	Robinson Heights	4,116	836

Continued on next page.

Table 1.17-- RESIDENT POPULATION AND HOUSEHOLDS, BY ISLAND AND CENSUS TRACT: 2010 -- Con.

Island and 2010 census tract	Name	Resident population	Households
Oahu (con.)			
89.14	Honowai School	5,098	1,203
89.15	Waipio Acres	5,236	1,822
89.17	Mililani Town Center	4,554	1,526
89.18	Mililani: Nob Hill	5,429	1,755
89.20	Waipio Gentry	4,296	1,572
89.21	Waipio	2,668	580
89.22	Waikele	7,479	2,842
89.23	Seaview	4,737	1,800
89.24	Royal Kunia	7,623	2,039
89.25	Village Park	6,902	1,956
89.26	Laulani Valley-Mililani Technology Park	1,572	678
89.27	Koolani Drive	5,180	1,746
89.28	Mililani Mauka Middle School	3,884	1,142
89.29	Mililani Mauka-Meheula Parkway	4,836	1,970
89.30	Mililani: Ainamakua Drive	2,560	836
89.31	Waiawa Prison	3,310	828
90	Wheeler-East Range	1,634	554
91	Kaukonahua Road	5,332	1,190
92	Wahiawa Mauka	7,963	2,457
93	Wahiawa Waena	4,762	1,532
94	Wahiawa Makai	5,155	1,760
95.01	Kolekole Avenue	4,893	1,276
95.02	Menoher Street	4,243	1,140
95.03	Foote Avenue	3,403	233
95.04	Leilehua Avenue	1,271	377
95.07	Schofield: McCarthy Field	2,560	576
96.03	Maili	10,289	2,443
96.08	Lualualei Transmitter	5,682	1,286
97.01	Waianae Kai	6,635	1,703
97.03	Lualualei-Camp Waianae	6,227	1,422
97.04	Lualualei: Halona Road	3,066	690
98.01	Makua Valley	2,834	1,127
98.02	Makaha	6,386	1,592
99.02	Haleiwa	3,740	1,112
99.04	Kaena Point	5,986	1,917
100	Kawailoa	3,320	1,163
101	Waimea-Kahuku	7,881	2,457
102.01	Hauula-Kaaawa	5,882	1,684
102.02	Laie	7,643	1,342
103.03	Kahaluu-Waikane	4,766	1,368
103.05	Ahuimanu	5,063	1,468

Continued on next page.

Table 1.17-- RESIDENT POPULATION AND HOUSEHOLDS, BY ISLAND AND CENSUS TRACT: 2010 -- Con.

Island and 2010 census tract	Name	Resident population	Households
Oahu (con.)			
103.06	Haiku	6,369	2,122
103.08	Kapunahala	3,319	1,023
105.03	Kaneohe District Park	1,980	546
105.04	Waikalua Road	5,115	1,416
105.05	Heeia Kea	3,531	1,084
105.07	Kahuhipa Street	5,421	1,820
105.08	Lilipuna Road	2,569	1,069
106.01	Puohala	3,422	1,080
106.02	Castle High School-Halekou Road	5,449	1,644
107.01	Kokokahi	3,661	1,343
107.02	Mokulele Drive	3,666	1,198
108.01	Mokapu West	2,969	566
108.02	Mokapu East	6,548	1,549
109.01	Kalaheo Hillside	3,140	1,004
109.03	Oneawa Street-Kawainui	4,133	1,349
109.04	Maluniu Avenue	3,570	1,084
109.05	Ulupaina Street	2,513	894
110	Maunawili	4,151	1,162
111.03	Olomana	3,796	1,199
111.04	Enchanted Lakes	4,860	1,515
111.05	Kailua Town	3,205	1,387
111.06	Keolu	5,924	1,863
112.01	Kalaheo Avenue	4,380	1,527
112.02	Lanikai	1,609	622
113	Waimanalo	5,451	1,341
114	Waipio Peninsula	5,372	630
115	Kapolei	5,493	1,414
9400.01	Waimanalo Beach-Homesteads	4,551	1,063
9400.02	Nanakuli	7,400	1,483
9800	Hanauma Bay	5	1
9802	Honolulu International Airport	704	-
9803	Campbell Industrial Park	-	-
9806	Schofield Forest Reserve	-	-
9807	Schofield Barracks East Range	-	-
9808	Hoomaluhia Botanical Garden	1	1
9810	Kawainui Marsh	13	3
9811	Bellows Air Force Base	19	5
9813	Mapunapuna Industrial	8	3
9814	Nimitz-Airport Commercial	97	18

Continued on next page.

Table 1.17-- RESIDENT POPULATION AND HOUSEHOLDS, BY ISLAND AND CENSUS TRACT: 2010 -- Con.

Island and 2010 census tract	Name	Resident population	Households
Northwestern Hawaiian Islands			
9812	Northwestern Hawaiian Islands	-	-
Hawaii		185,079	67,096
201	Paukaʻa-Wailea	5,213	1,911
202.02	Hilo: Upper Waiakea Forest Reserve	2,568	640
203	Hilo: Puʻuʻeo-Downtown	3,934	1,623
204	Hilo: Villa Franca-Kaiko'o	3,294	1,278
205	Hilo: University-Houselots	5,924	2,131
206	Hilo: Keaukaha-Panaʻewa	5,391	1,729
207.01	Hilo: Puainako	4,507	1,745
207.02	Hilo: Kawailani	4,861	1,712
208.01	Hilo: Kahuku-Kaumana	4,310	1,381
208.02	Hilo: Piihonua-Kaumana	6,196	2,204
209	Hilo: Haihai	4,729	1,633
210.03	Orchidland-Ainaloa	6,391	2,182
210.05	Hawaiian Paradise Park	11,012	3,786
210.10	Upper Puna (Puna Mauka)	7,884	3,297
210.11	Volcano-Mt. View	4,009	1,476
210.13	Keaʻau	4,970	1,665
211.01	Kalapana-Kapoho	3,531	1,644
211.06	Pahoa	7,529	2,723
212.02	Kaʻu	8,451	3,154
213	South Kona	5,972	2,246
214.02	Konawaena	4,025	1,468
215.02	Hualalai	4,844	1,816
215.04	Kealakehe	3,965	1,169
215.07	Kalaoa	8,503	3,012
215.09	Kaumalumalu-Keahou	5,154	1,992
216.01	Kailua	7,822	2,940
216.04	Holualoa	7,587	3,037
217.02	Waimea-Puʻu Anahulu	9,540	3,273
217.04	Kawaihae-Waikoloa	8,087	3,062
218	North Kohala	6,322	2,242
219.02	Honokaʻa-Kukuihaele	3,925	1,317
220	Paʻauhau-Paʻauilo	2,588	883
221.02	North Hilo	2,041	725

Continued on next page.

Table 1.17-- RESIDENT POPULATION AND HOUSEHOLDS, BY ISLAND AND CENSUS TRACT: 2010 -- Con.

Island and 2010 census tract	Name	Resident population	Households
Maui		144,444	50,215
301	Hana	2,291	823
302.01	Huelo	2,453	1,013
302.02	Ha'iku	7,635	2,908
303.01	Kula	8,013	3,189
303.03	Wailea	3,567	1,684
304.02	Pukalani	8,652	3,064
304.03	Makawao	3,269	1,225
304.04	Hali'imaile	5,609	1,918
305.01	Pa'ia	2,689	938
307.05	Kihei Mauka	3,791	1,111
307.06	Kealia	2,448	963
307.07	Waipuilani	8,009	3,094
307.08	Halama	2,909	1,086
307.09	Kamaole	3,727	1,842
307.10	Keawakapu	2,441	1,109
308	Waihee-Waikapu	6,907	2,089
309.01	West Central Wailuku	2,617	1,013
309.02	East Central Wailuku	3,205	1,135
309.03	North Wailuku	6,481	1,633
310	South Wailuku	8,426	3,137
311.01	West Kahului	8,167	2,091
311.02	Central Kahului	5,426	1,600
311.03	Southeast Kahului	7,580	1,998
314.02	Kahoma	3,003	844
314.04	Lahaina	3,250	1,352
314.05	Lahainaluna	5,491	1,355
315.01	Kapalua	2,368	799
315.02	Honokahua	5,036	2,128
315.03	Honokowai	2,366	1,042
319	Spreckelsville	5,624	1,597
320	Launiupoko	994	435
9800	Kaho'olawe	-	-
Lanai		3,135	1,158
316.01	Lana'i	3,135	1,158
Molokai		7,345	2,582
317	East Moloka'i	4,503	1,671
318.01	West Moloka'i	2,752	842
319	Kalawao	90	69

Continued on next page.

Table 1.17-- RESIDENT POPULATION AND HOUSEHOLDS, BY ISLAND AND CENSUS TRACT: 2010 -- Con.

Island and 2010 census tract	Name	Resident population	Households
Kauai		66,921	23,213
401.03	Princeville-Kilauea	6,484	2,495
401.04	Ha'ena-Hanalei	1,344	512
402.04	Wailua Houselots	5,047	1,877
402.05	Wailua Homesteads	3,845	1,477
403	Kapa'a	8,385	2,783
404	Puhi-Hanama'ulu	8,740	2,564
405	Lihu'e	5,943	2,164
406.03	Koloa-Po'ipu	2,544	935
406.04	Omao-Kukui'ula	3,139	1,166
407	Eleele-Kalaheo	8,403	2,930
408	Kaumakani-Hanapepe	3,771	1,189
409	Kekaha-Waimea	5,561	1,884
9400	Anahola	3,715	1,237
Niihau and Kaula		170	27
412	Ni'ihau-Kaula	170	27

Source: U.S. Census Bureau, 2010 Census Summary File 1 (June 16, 2011) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed June 20, 2011.

Table 1.18-- RESIDENT POPULATION OF HAWAIIAN HOME LANDS, BY ISLAND: 2010

Island and Hawaiian Home Lands	Total
State of Hawaii	30,855
Hawaii	5,832
Homuula-Upper Piihonua	3
Honokaia	-
Honomu	6
Kamaoa-Puueo	14
Kamoku-Kapulena	46
Kaohe-Olaa	-
Kaumana	111
Kawaihae	407
Keahuolu	-
Kealakehe	759
Keaukaha	1,584
Keoniki	-
Kolaoa	-
Lalamilo	64
Makuu	113
Nienie	-
Panaewa (Agricultural)	664
Panaewa (Residential)	1,091
Pauahi	-
Piihonua	46
Ponohawaii	21
Puukapu	898
Upolu	-
Waiakea	-
Wailau	-
Waimanu	2
Waiohinu	6
Maui	3,424
Honokowai	-
Kahikinui	3
Keanae-Wailua	17
Keokea (Agricultural)	24
Leialii	328
Paukukalo	818
Pulehunui	-
South Maui	-
Waiehu	1,330
Maui (con.)	
Waiku-Hana	-
Waiohuli (Residential)	904
Kahoolawe	-
Lanai	85
Lanai City	85
Molokai	1,910
Hoolehua-Palaaau	1,292
Kalamaula	300
Kalaupapa	90
Kamiloloa-Makakupaia	85
Kapaakea	141
Ualapue	2
Oahu	17,250
East Kapolei	-
Haiku	-
Honolulu Makai	13
Kakaina-Kumuhau	-
Kalaeloa	10
Kalawahine	319
Kanehili	-
Kapolei	-
Kaupea	1,387
Kewalo	261
Lualualei	58
Maili	323
Makaha Valley	4
Maluohai	1,178
Nanakuli	5,370
Papakolea	1,215
Pearl City	99
Princess Kahanu Estates	1,128
Waiahole	27
Waianae	2,201
Waianae Kai	609
Waimanalo	3,048

Continued on next page.

Table 1.18-- RESIDENT POPULATION OF HAWAIIAN HOME LANDS, BY ISLAND: 2010 -- Con.

Island and Hawaiian Home Lands	Total	Island and Hawaiian Home Lands	Total
Kauai	2,354	Kauai (con.)	
Anahola (Agricultural)	257	Kekaha	483
Anahola (Residential)	1,566	Moloaa	6
Hanapepe	25	Wailua	17
Kapaa	-	Waimea	-

Source: U.S. Census Bureau, 2010 Census Redistricting Data (Public Law 94-171) Summary File (February 24, 2011) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed June 5, 2011.

Table 1.19-- RESIDENT POPULATION, BY ISLAND AND ZIP CODE TABULATION AREA: 2010

[ZIP Code Tabulation Areas (ZCTAs) are approximate area representations of the U.S. Postal Service five-digit ZIP Code service areas that the Census Bureau created using whole blocks to present statistical data from censuses and surveys]

Zip code tabulation area	Name 1/	Resident population
State total		1,360,301
Hawaii		
96704	Captain Cook	6,505
96710	Hakalau	613
96719	Hawi	1,692
96720	Hilo (Main Office)	46,165
96725	Holualoa	3,592
96726	Honaunau	661
96727	Honokaa	4,878
96728	Honomu	610
96737	Ocean View	4,552
96738	Waikoloa	6,609
96740	Kailua-Kona	33,321
96743	Kamuela	12,160
96749	Keaau	17,047
96750	Kealakekua	3,793
96755	Kapaau	3,575
96760	Kurtistown	3,001
96764	Laupahoehoe	799
96771	Mountain View	8,339
96772	Naalehu	2,304
96773	Ninole	210
96774	Ookala	342
96776	Paauilo	1,490
96777	Pahala	1,479
96778	Pahoa	14,409
96780	Papaaloa	557
96781	Papaikou	1,670
96783	Pepeekeo	2,060
96785	Volcano	2,646
Maui		
96708	Haiku	10,220
96713	Hana	1,990
96732	Kahului	24,816
Maui (con.)		
96753	Kihei	26,892
96761	Lahaina	
	Main Office	22,156
96768	Makawao	17,668
96779	Paia	3,088
96790	Kula	8,065
96793	Wailuku	29,549
Lanai		
96763	Lanai City	3,135
Molokai		
96729	Hoolehua	1,303
96742	Kalaupapa	90
96748	Kaunakakai	4,503
96757	Kualapuu	758
96770	Maunaloa	691
Oahu		
96701	Aiea	40,281
96706	Ewa Beach	62,730
96707	Kapolei	38,817
96712	Haleiwa	7,352
96717	Hauula	5,555
96730	Kaawa	1,541
96731	Kahuku	3,292
96734	Kailua	50,746
96744	Kaneohe	54,247
96759	Kunia	457
96762	Laie	6,419
96782	Pearl City	40,496
96786	Wahiawa	40,859
96789	Mililani	54,129
96791	Waialua	8,014
96792	Waianae	48,519

Continued on next page.

Table 1.19-- RESIDENT POPULATION, BY ISLAND AND ZIP CODE TABULATION AREA: 2010 -- Con.

Zip code tabulation area	Name 1/	Resident population	Zip code tabulation area	Name 1/	Resident population
Oahu (con.)			Oahu (con.)		
96795	Waimanalo	10,034	96863	MCBH K Bay 2/	52
96797	Waipahu	72,289			
96813	Downtown	22,881	Kauai		
96814	Downtown	18,721	96703	Anahola	2,368
96815	Waikiki	31,470	96705	Eleele	2,319
96816	Waialae Kahala	49,368	96714	Hanalei	1,390
96817	Kapalama	54,628	96716	Hanapepe	2,823
96818	Main Office	50,586	96722	Princeville	2,484
96819	Sand Island	49,492	96741	Kalaheo	5,929
96821	Hawaii Kai	19,856	96746	Kapaa	18,319
96822	Makiki	45,007	96747	Kaumakani	749
96825	Hawaii Kai	30,263	96751	Kealia	175
96826	Makiki	30,842	96752	Kekaha	3,680
96850	Honolulu	-	96754	Kilauea	4,084
96853	Hickam Air		96756	Koloa	5,190
	Force Base	462	96765	Lawai	553
96857	Schofield Barracks	2,522	96766	Lihue	14,683
96859	Tripler Army		96769	Makaweli	464
	Medical Center	156	96796	Waimea	1,881
96860	Pearl Harbor	1,124			

1/ From *The Official Hawaiian Telcom White Pages 2011 Oahu* . There may be more than one name for a zip code area.

2/ Marine Corp Base Hawaii Kaneohe Bay.

Source: U.S. Census Bureau, 2010 Census Summary File 1 Hawaii (June 20, 2011); <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed June 23, 2011; Hawaiian Telcom, *The Official Hawaiian Telcom White Pages 2011 Oahu* and United States Postal Service, Zip Code Lookup <http://zip4.usps.com/zip4/citytown_zip.jsp> accessed June 27, 2011.

Table 1.20-- RESIDENT AND DE FACTO POPULATION AND EMPLOYED PERSONS, FOR WAIKIKI: 1970 TO 2010

[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	2010	Density 1/		
						1990	2000	2010
Resident population 2/	13,124	17,384	19,768	19,720	23,073	25,254.9	25,193.6	29,814.5
Temporarily absent 3/	176	174	327	763	1,242	417.8	974.8	1,604.7
De facto population 4/	34,874	63,710	95,979	(NA)	96,859	122,619.6	(NA)	125,159.6
Visitors present 3/	21,926	46,500	76,538	73,751	75,028	97,782.4	94,221.8	96,949.8
Employed persons 5/								
Living in Waikiki	7,866	9,593	11,065	9,898	6/ 12,466	14,136.3	12,645.4	16,108.3
Working in Waikiki	(NA)	30,011	(NA)	(NA)	26,085	(NA)	(NA)	33,706.5

NA Not available.

1/ Per square mile. Based on land area of 0.77 square miles (2.00 square kilometers) for 2010; 0.78 square miles (2.03 square kilometers) for earlier years.

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.

6/ Includes armed forces. Average value over the five year period of 2007 to 2011, obtained from the American Community Survey.

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), Census 2000 Summary File 3 (September 25, 2002), 2010 Census Summary File 1 (June 16, 2011), and the 2007-2011 American Community Survey 5-year Estimates (December 6, 2012); Hawaii Visitors Bureau; Hawaii State Department of Business, Economic Development & Tourism, Tourism Research Branch; Hawaii Tourism Authority, Tourism Research; Data Book 1987, table 380; and calculations from the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.21-- URBAN AND RURAL AREAS, BY COUNTY: 2010

[Based on the 2010 Census "urban" and "rural" area criteria]

Geography and subject 1/	State total	Honolulu	Hawaii	Kauai	Maui 2/
Total land area					
Square kilometers	16,634.5	1,555.9	10,433.6	1,605.7	3,039.4
Square miles 3/	6,422.6	600.7	4,028.4	620.0	1,173.5
Urban					
Square kilometers	1,018.2	566.1	224.7	92.7	134.7
Square miles 3/	393.1	218.6	86.7	35.8	52.0
Percent 4/	6.1	36.4	2.2	5.8	4.5
Urbanized area					
Sq. km.	585.0	541.8	-	-	43.2
Sq. mi. 3/	225.9	209.2	-	-	16.7
Percent 4/	3.5	34.8	0.0	0.0	1.4
Urban cluster					
Sq. km.	433.2	24.3	224.7	92.7	91.5
Sq. mi. 3/	167.3	9.4	86.7	35.8	35.3
Percent 4/	2.6	1.6	2.2	5.8	3.0
Rural					
Square kilometers	15,616.3	989.8	10,208.9	1,513.0	2,904.7
Square miles 3/	6,029.5	382.2	3,941.7	584.2	1,121.5
Percent 4/	93.9	63.6	97.9	94.2	95.6
Resident population	1,360,301	953,207	185,079	67,091	154,924
Density/sq. mi.	211.8	1,586.7	45.9	108.2	132.0
Urban area	1,250,489	944,982	114,766	58,463	132,278
Percent 5/	91.9	99.1	62.0	87.1	85.4
Density/sq. mi.	3,180.8	4,323.3	1,323.1	1,633.1	2,543.0
Urbanized area	972,075	916,141	-	-	55,934
Percent 5/	71.5	96.1	0.0	0.0	36.1
Density/sq. mi.	4,303.4	4,379.1	(X)	(X)	3,353.9
Urban cluster	278,414	28,841	114,766	58,463	76,344
Percent 5/	20.5	3.0	62.0	87.1	49.3
Density/sq. mi.	1,664.7	3,076.7	1,323.1	1,633.1	2,160.3
Rural	109,812	8,225	70,313	8,628	22,646
Percent 5/	8.1	0.9	38.0	12.9	14.6
Density/sq. mi.	18.2	21.5	17.8	14.8	20.2

Continued on next page.

Table 1.21-- URBAN AND RURAL AREAS, BY COUNTY: 2010 -- Con.

X Not applicable.

1/ For the 2010 Census, an urban area will comprise a densely settled core of census tracts and/or census blocks that meet minimum population density requirements, along with adjacent territory containing non-residential urban land uses as well as territory with low population density incouded to link outlying densely settled territory with the densely settled core. To qualify as an urban area, the territory identified according to criteria must encompass at least 2,500 people, at least 1,500 of which reside outside institutional group quarters. The Census Bureau identifies two types of urban areas (1) Urbanized Areas (UAs) of 50,000 or more people and (2) Urban Clusters (UCs) of at least 2,500 and less than 50,000 people. "Rural" encompasses all population, housing and territory not included within an urban area.

2/ Maui County includes Kalawao County. Kalawao County had a total resident population of 90; land area of 31.1 square kilometers which was 12.0 square miles; 2010 rural population of 90; % population that was rural population was 100%; land area of the rural areas was 31.1 square kilometers which was 12.0 square miles; % land area in rural area was 100%; and population density of rural area was 7.5 persons per square mile.

3/ To convert from square kilometer to square mile , divide by 2.58999.

4/ Percent of state land area for "state total" column; percent of county land area for all other columns.

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

Source: U.S. Census Bureau, "2010 Percent Urban and Rural by County" <http://www.census.gov/geo/reference/ua/urban-rural-2010.html> accessed May 31, 2013, "2010 Census Urban and Rural Classification and Urban Area Criteria" <http://www.census.gov/geo/reference/ua/urban-rural-2010.html accessed May 31, 2013 and "Census 2000 Geographic Definitions" <http://www.census.gov/geo/www/geo_defn.html#AreaMeasurement> accessed May 31, 2013; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.22-- CENTERS OF POPULATION, BY COUNTY: 1990 TO 2010

[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	157.52445	Kaiwi Channel
Hawaii County	19.690126	155.41573	21.5 mi. W of Hilo
Maui County	20.868419	156.50023	1.3 mi. SE of Wailuku Post Office
Kalawao County	21.192297	156.98023	Kalaupapa
Honolulu County	21.376294	157.90885	0.8 mi. NW of Red Hill Elementary School
Kauai County	22.021112	159.44751	5 mi. N of Knudsen Gap
2010			
State of Hawaii	21.115289	157.484404	Kaiwi Channel
Hawaii County	19.672837	155.421895	22.1 mi. W of Hilo
Maui County	20.863747	156.493816	1.7 mi. SE of Wailuku Post Office
Kalawao County	21.188495	156.979972	Kalaupapa
Honolulu County	21.372464	157.913673	0.9 mi. NW of Red Hill Elementary School
Kauai County	22.021022	159.442112	5.1 mi. NE 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 GIS Program, 2000 and 2010 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, "County Population Centroids for Hawaii" <http://www.census.gov/geo/www/cenpop/county/coucntr15.html> accessed Nov. 11, 2003, "Centers of Population for the 2010 Census" <http://www.census.gov/geo/www/2010census/centerpop2010/centerpop2010.html> accessed July 8, 2011.

Table 1.23-- 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 1.24-- MILITARY PERSONNEL, DEPENDENTS, AND FAMILIES, BY SERVICE AND ISLAND: JULY 1, 2011

[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 1/	In barracks			
State total	2/ 3/ 105,437	2/ 3/ 45,588	(NA)	(NA)	2/ 5,798	2/ 59,849	(NA)
Air Force 4/	11,671	4,886	(NA)	(NA)	-	6,785	(NA)
Oahu	(NA)	(NA)	(NA)	(NA)	-	(NA)	(NA)
Maui	(NA)	(NA)	(NA)	(NA)	-	(NA)	(NA)
Army 5/	50,569	20,067	14,104	5,963	-	30,502	(NA)
Oahu 5/	50,546	20,058	14,095	5,963	-	30,488	(NA)
Hawaii 5/	23	9	9	-	-	14	(NA)
Coast Guard	2/ 3,529	2/ 1,572	1,439	2/ 60	2/ 73	1,957	(NA)
Oahu	2/ 3,373	2/ 1,504	1,371	2/ 60	2/ 73	1,869	(NA)
Hawaii	51	23	23	-	-	28	(NA)
Maui	63	28	28	-	-	35	(NA)
Kauai	42	17	17	-	-	25	(NA)
Marine Corps	13,653	7,650	3,007	4,643	-	6,003	3,007
Oahu	13,653	7,650	3,007	4,643	-	6,003	3,007
Navy	2/ 3/ 26,015	3/ 6/ 11,413	6/ 7/ 11,234	2,971	5,725	7/ 14,602	7/ 6,375
Oahu	2/ 3/ 25,891	3/ 6/ 11,355	6/ 7/ 11,190	2,957	5,725	7/ 14,536	7/ 6,348
Kauai	2/ 3/ 124	3/ 6/ 58	44	14	-	66	27

NA Not available.

1/ In houses or apartments, either on-base or in the civilian community.

2/ Estimated.

3/ Revised from previous *Data Book.*

4/ Military personnel figure is from DOD June 30, 2011 report. Dependent figure is DBEDT estimate.

5/ As of August 2011. In housing units, in barracks and dependent figures are estimated.

6/ 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 or listed as living in barracks on a specified date may also have another place to live elsewhere in Hawaii. Therefore, these military personnel may be counted more than once in the type of residence columns. The "total navy personnel" figure, however, counted each military personnel only once.

7/ Estimated. Receiving housing entitlements, but some may be living in another state.

Source: Hawaii State Department of Business, Economic Development & Tourism, annual survey of local commanding officers; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.25-- MILITARY PERSONNEL, DEPENDENTS, AND FAMILIES, BY SERVICE AND ISLAND: JULY 1, 2012

[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 1/	In barracks			
State total	2/ 109,211	2/ 48,940	(NA)	(NA)	2/ 5,743	2/ 60,271	(NA)
Air Force	12,108	5,154	(NA)	(NA)	-	6,954	(NA)
Oahu	(NA)	(NA)	(NA)	(NA)	-	(NA)	(NA)
Maui	(NA)	(NA)	(NA)	(NA)	-	(NA)	(NA)
Army 3/	49,840	19,778	13,046	6,732	-	30,062	(NA)
Oahu 3/	49,820	19,770	13,038	6,732	-	30,050	(NA)
Hawaii 3/	20	8	8	-	-	12	(NA)
Coast Guard	2/ 3,556	2/ 1,589	1,448	2/ 60	2/ 81	1,967	(NA)
Oahu	2/ 3,389	2/ 1,514	1,373	2/ 60	2/ 81	1,875	(NA)
Hawaii	52	23	23	-	-	29	(NA)
Maui	64	28	28	-	-	36	(NA)
Kauai	51	24	24	-	-	27	(NA)
Marine Corps	13,400	7,500	3,200	4,300	-	5,900	2,850
Oahu	13,400	7,500	3,200	4,300	-	5,900	2,850
Navy	2/ 30,307	4/ 14,919	4/ 14,808	4/ 2,936	4/ 5,662	5/ 15,388	5/ 7,543
Oahu	2/ 30,162	4/ 14,859	4/ 14,749	4/ 2,922	4/ 5,662	5/ 15,303	5/ 7,500
Kauai	2/ 145	4/ 60	59	14	-	85	43

NA Not available.

1/ In houses or apartments, either on-base or in the civilian community.

2/ Estimated.

3/ As of May 2012. In housing units, in barracks and dependent figures are estimated.

4/ 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 or listed as living in barracks on a specified date may also have another place to live elsewhere in Hawaii. Therefore, these military personnel may be counted more than once in the type of residence columns. The "total navy personnel" figure, however, counted each military personnel only once.

5/ Number of dependents in Hawaii are estimated. Receiving housing entitlements, but some may be living in another state.

Source: Hawaii State Department of Business, Economic Development & Tourism, annual survey of local commanding officers; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.26-- MILITARY PERSONNEL BY ACCOMPANIMENT STATUS: 2012

[Estimates. Data for Oahu military personnel only]

Service	Permanent party personnel 1/	Military families	Military couples 2/	Unaccom-panied 3/
Total	50,303	27,189	891	22,008
Air Force	4,506	2,634	-	1,872
Army	22,555	12,632	525	9,398
Coast Guard	1,154	672	33	449
Marine Corps	10,084	4,853	333	4,898
Navy	12,004	6,398	-	5,391

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.

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

Table 1.27-- RESIDENT POPULATION PROJECTIONS, BY COUNTY: 2010 TO 2040

[As of July 1. DBEDT 2040 Series]

Type of population and year	State total	City and County of Honolulu	Other counties			
			Total	Hawaii	Kauai	Maui 1/
Resident population 2/						
2010 3/	1,363,621	955,775	407,846	185,406	67,226	155,214
2015	1,418,250	976,190	442,060	202,670	71,380	168,010
2020	1,481,240	1,003,710	477,540	220,880	75,640	181,020
2025	1,543,240	1,029,410	513,840	239,640	80,000	194,200
2030	1,602,340	1,052,130	550,200	258,510	84,380	207,310
2035	1,657,500	1,071,220	586,280	277,340	88,730	220,210
2040	1,708,920	1,086,710	622,200	296,320	93,020	232,860
Annual growth rate (%)						
2010-2015 3/	0.8	0.4	1.6	1.8	1.2	1.6
2015-2020	0.9	0.6	1.6	1.7	1.2	1.5
2020-2025	0.8	0.5	1.5	1.6	1.1	1.4
2025-2030	0.8	0.4	1.4	1.5	1.1	1.3
2030-2035	0.7	0.4	1.3	1.4	1.0	1.2
2035-2040	0.6	0.3	1.2	1.3	0.9	1.1
Share of state resident population (percent):						
2010 3/	100.0	70.1	29.9	13.6	4.9	11.4
2015	100.0	68.8	31.2	14.3	5.0	11.8
2020	100.0	67.8	32.2	14.9	5.1	12.2
2025	100.0	66.7	33.3	15.5	5.2	12.6
2030	100.0	65.7	34.3	16.1	5.3	12.9
2035	100.0	64.6	35.4	16.7	5.4	13.3
2040	100.0	63.6	36.4	17.3	5.4	13.6

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, 2010 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 2040 - DBEDT 2040 Series,* Tables A-2 to A-6 (March 2012) <http://hawaii.gov/dbedt/info/economic/data_reports/2040-long-range-forecast> accessed April 17, 2012.

Table 1.28-- PROJECTED RESIDENT POPULATION, BY AGE AND SEX: 2010, 2020, 2030 AND 2040

[As of July 1. DBEDT 2040 Series]

Age group (in years)	2010 1/			2020			2030			2040		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total	1,363,621	682,892	680,729	1,481,236	740,174	741,062	1,602,338	798,945	803,393	1,708,915	849,653	859,263
Under 5	87,180	44,890	42,290	99,686	51,298	48,388	104,779	53,890	50,889	110,839	56,984	53,856
5 to 9	83,269	42,811	40,458	92,927	47,954	44,974	99,768	51,464	48,304	104,523	53,875	50,648
10 to 14	81,629	41,751	39,878	82,139	42,467	39,672	95,896	49,510	46,386	101,000	52,109	48,891
15 to 19	85,649	44,420	41,229	83,906	43,351	40,555	94,375	48,921	45,454	101,222	52,435	48,788
20 to 24	95,834	52,001	43,833	98,714	52,101	46,613	99,833	53,146	46,687	113,582	60,183	53,399
25 to 29	96,929	50,562	46,367	103,137	52,631	50,506	102,054	51,949	50,105	112,522	57,515	55,006
30 to 34	88,280	45,053	43,227	95,038	48,854	46,184	99,548	50,005	49,543	100,711	51,079	49,632
35 to 39	86,374	43,779	42,595	92,922	47,919	45,003	100,594	50,793	49,801	99,594	50,168	49,426
40 to 44	89,757	45,343	44,414	85,227	42,868	42,358	93,008	47,213	45,795	97,584	48,413	49,171
45 to 49	95,595	48,104	47,491	83,404	41,597	41,807	90,781	46,176	44,605	98,511	49,095	49,416
50 to 54	98,262	49,004	49,258	87,716	44,112	43,604	84,050	42,126	41,924	91,888	46,491	45,397
55 to 59	93,653	46,302	47,351	93,642	46,800	46,842	82,615	41,001	41,614	90,102	45,619	44,483
60 to 64	83,116	41,315	41,801	95,688	47,078	48,610	86,522	43,007	43,514	83,464	41,406	42,059
65 to 69	59,670	29,086	30,584	88,515	42,909	45,605	89,529	43,969	45,560	79,813	38,996	40,817
70 to 74	41,757	19,355	22,402	75,070	36,178	38,892	87,438	41,808	45,630	80,059	38,772	41,286
75 to 79	35,048	15,143	19,905	51,117	23,790	27,327	76,683	35,616	41,067	78,783	37,206	41,577
80 to 84	30,716	12,341	18,375	32,320	13,901	18,419	59,195	26,688	32,506	70,556	31,712	38,845
85 & over	30,903	11,632	19,271	40,069	14,366	25,703	55,672	21,662	34,009	94,160	37,595	56,566

1/ Actual figure for July 1, 2010 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 2040 - DBEDT 2040 Series* (March 2012) <http://hawaii.gov/dbedt/info/economic/data_reports/2040-long-range-forecast> accessed April 17, 2012.

Table 1.29-- DE FACTO POPULATION PROJECTIONS, BY COUNTY: 2010 TO 2040

[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]

Type and Year	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County 1/
De facto population 2/					
2010 3/	1,469,236	988,316	202,552	83,352	195,015
2015	1,539,120	1,016,800	221,220	89,540	211,550
2020	1,604,140	1,043,940	239,710	94,520	225,970
2025	1,669,790	1,070,100	259,040	99,770	240,880
2030	1,732,330	1,093,210	278,440	105,020	255,670
2035	1,791,400	1,113,050	297,830	110,170	270,350
2040	1,846,530	1,129,260	317,340	115,230	284,710
Annual growth rate (%)					
2010-2015 3/	0.9	0.6	1.8	1.4	1.6
2015-2020	0.8	0.5	1.6	1.1	1.3
2020-2025	0.8	0.5	1.6	1.1	1.3
2025-2030	0.7	0.4	1.5	1.0	1.2
2030-2035	0.7	0.4	1.4	1.0	1.1
2035-2040	0.6	0.3	1.3	0.9	1.0

1/ Maui County including Kalawao County.
2/ Projected values were rounded to the nearest ten.
3/ Actual figure for July 1, 2010 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 2040 - DBEDT 2040 Series,* Tables A-2 to A-6 (March 2012) <http://hawaii.gov/dbedt/info/economic/data_reports/2040-long-range-forecast> accessed April 17, 2012.

Table 1.30-- RESIDENT POPULATION, BY AGE AND SEX: 2000 AND 2010

Age	April 1, 2000			April 1, 2010		
	Both sexes	Male	Female	Both sexes	Male	Female
All ages	1,211,537	608,671	602,866	1,360,301	681,243	679,058
Under 5 years	78,163	40,110	38,053	87,407	45,019	42,388
5 to 9 years	84,980	43,739	41,241	83,361	42,847	40,514
10 to 14 years	83,106	42,740	40,366	81,539	41,699	39,840
15 to 19 years	81,002	42,200	38,802	85,994	44,590	41,404
20 to 24 years	83,409	45,709	37,700	95,829	51,981	43,848
25 to 29 years	84,000	44,016	39,984	97,302	50,683	46,619
30 to 34 years	87,159	44,391	42,768	88,031	44,921	43,110
35 to 39 years	95,935	48,760	47,175	86,756	43,994	42,762
40 to 44 years	95,242	47,817	47,425	89,617	45,253	44,364
45 to 49 years	90,404	45,130	45,274	95,787	48,213	47,574
50 to 54 years	80,575	40,523	40,052	97,978	48,831	49,147
55 to 59 years	60,561	29,905	30,656	93,340	46,148	47,192
60 to 64 years	46,400	22,293	24,107	82,222	40,879	41,343
65 to 69 years	42,847	19,503	23,344	59,170	28,849	30,321
70 to 74 years	42,415	18,919	23,496	41,353	19,140	22,213
75 to 79 years	35,386	16,020	19,366	34,675	14,940	19,735
80 to 84 years	22,389	9,626	12,763	29,702	11,904	17,798
85 years and over	17,564	7,270	10,294	30,238	11,352	18,886
5 to 17	217,604	112,115	105,489	216,411	110,993	105,418
18 to 24	114,893	62,273	52,620	130,312	70,124	60,188
25 to 44	362,336	184,984	177,352	361,706	184,851	176,855
45 to 64	277,940	137,851	140,089	369,327	184,071	185,256
16 years and over	949,184	473,683	475,501	1,091,079	543,085	547,994
18 years and over	915,770	456,446	459,324	1,056,483	525,231	531,252
21 years and over	867,329	430,630	436,699	1,003,512	497,216	506,296
65 years and over	160,601	71,338	89,263	195,138	86,185	108,953
85 years and over	17,564	7,270	10,294	30,238	11,352	18,886
Median age	36.2	35.1	37.4	38.6	37.2	39.9

Source: U.S. Census Bureau, Census 2000 Summary File 1 Hawaii (July 25, 2001) and 2010 Census "DP-1 - Hawaii Profile of General 2010 Demographic Profile Data" (May 19, 2011) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed May 19, 2011; calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

Table 1.31-- RESIDENT POPULATION, BY AGE AND SEX: 2010 AND 2012

[Includes military personnel stationed or homeported in Hawaii and residents temporarily absent; excludes visitors present. The 2012 estimates are provisional]

Age group	April 1, 2010 1/			July 1, 2012		
	Both sexes	Male	Female	Both sexes	Male	Female
Total	1,360,301	681,243	679,058	1,392,313	701,965	690,348
Under 5 years	87,407	45,019	42,388	89,149	45,722	43,427
5 to 9 years	83,361	42,847	40,514	84,515	43,994	40,521
10 to 14 years	81,539	41,699	39,840	80,577	41,203	39,374
15 to 19 years	85,994	44,590	41,404	81,850	42,469	39,381
20 to 24 years	95,829	51,981	43,848	103,790	57,662	46,128
25 to 29 years	97,302	50,683	46,619	104,157	56,054	48,103
30 to 34 years	88,031	44,921	43,110	95,148	49,521	45,627
35 to 39 years	86,756	43,994	42,762	85,305	43,759	41,546
40 to 44 years	89,617	45,253	44,364	89,439	45,195	44,244
45 to 49 years	95,787	48,213	47,574	90,642	45,560	45,082
50 to 54 years	97,978	48,831	49,147	95,740	47,772	47,968
55 to 59 years	93,340	46,148	47,192	94,657	46,735	47,922
60 to 64 years	82,222	40,879	41,343	86,543	42,747	43,796
65 to 69 years	59,170	28,849	30,321	67,113	32,876	34,237
70 to 74 years	41,353	19,140	22,213	45,034	21,153	23,881
75 to 79 years	34,675	14,940	19,735	34,147	14,968	19,179
80 to 84 years	29,702	11,904	17,798	29,884	11,848	18,036
85 and over	30,238	11,352	18,886	34,623	12,727	21,896
5 to 17	216,411	110,993	105,418	213,862	110,001	103,861
18 to 24	130,312	70,124	60,188	136,870	75,327	61,543
25 to 44	361,706	184,851	176,855	374,049	194,529	179,520
45 to 64	369,327	184,071	185,256	367,582	182,814	184,768
16 years and over	1,091,079	543,085	547,994	1,122,168	562,982	559,186
18 years and over	1,056,483	525,231	531,252	1,089,302	546,242	543,060
21 years and over	1,003,512	497,216	506,296	1,037,311	517,839	519,472
65 years and over	195,138	86,185	108,953	210,801	93,572	117,229
85 years and over	30,238	11,352	18,886	34,623	12,727	21,896
Median age	38.6	37.2	39.9	38.3	36.6	40.1

1/ The April 1, 2010 Population Estimates base figures are based on the 2010 Census and reflect changes to the April 1, 2010 population due to the Count Question Resolution program and geographic program revisions.

Source: U.S. Census Bureau, Population Division, "Table 2: Annual Estimates of the Resident Population for Selected Age Groups by Sex for the States, States, Counties, and Puerto Rico Commonwealth and Municipios: April 1, 2010 to July 1, 2012 - Hawaii" (PEPAGESEX) (June 2013) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed June 13, 2013 and "Annual Estimates of the Resident Population by Single Year of Age and Sex for the United States, States, and Puerto Rico Commonwealth: April 1, 2010 to July 1, 2012" (PEPSYASEX) (June 2013) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed June 13, 2013.

Table 1.32-- POPULATION ESTIMATES BY AGE AND MILITARY STATUS: 2010 AND 2012

[Total includes military personnel stationed or homeported in Hawaii and residents temporarily absent; excludes visitors present. The 2010 and 2012 estimates are provisional]

Age group	April 1, 2010 1/			July 1, 2012		
	Total	Military personnel	Civilian 2/	Total	Military personnel	Civilian 2/
Total	1,360,301	42,525	1,317,776	1,392,313	43,879	1,348,434
Under 5 years	87,407	-	87,407	89,149	-	89,149
5 to 9 years	83,361	-	83,361	84,515	-	84,515
10 to 14 years	81,539	-	81,539	80,577	-	80,577
15 to 19 years	85,994	1,568	84,426	81,850	1,182	80,668
20 to 24 years	95,829	12,892	82,937	103,790	12,964	90,826
25 to 29 years	97,302	10,833	86,469	104,157	11,472	92,685
30 to 34 years	88,031	6,468	81,563	95,148	7,267	87,881
35 to 39 years	86,756	5,311	81,445	85,305	5,229	80,076
40 to 44 years	89,617	3,356	86,261	89,439	3,550	85,889
45 to 49 years	95,787	1,512	94,275	90,642	1,547	89,095
50 to 54 years	97,978	471	97,507	95,740	508	95,232
55 to 59 years	93,340	96	93,244	94,657	142	94,515
60 to 64 years	82,222	18	82,204	86,543	18	86,525
65 to 69 years	59,170	-	59,170	67,113	-	67,113
70 to 74 years	41,353	-	41,353	45,034	-	45,034
75 to 79 years	34,675	-	34,675	34,147	-	34,147
80 to 84 years	29,702	-	29,702	29,884	-	29,884
85 and over	30,238	-	30,238	34,623	-	34,623
5 to 17	216,411	1	216,410	213,862	-	213,862
18 to 24	130,312	14,459	115,853	136,870	14,146	122,724
25 to 44	361,706	25,968	335,738	374,049	27,518	346,531
45 to 64	369,327	2,097	367,230	367,582	2,215	365,367
16 years and over	1,091,079	42,525	1,048,554	1,122,168	43,879	1,078,289
18 years and over	1,056,483	42,524	1,013,959	1,089,302	43,879	1,045,423
21 years and over	1,003,512	38,876	964,636	1,037,311	40,823	996,488
65 years and over	195,138	-	195,138	210,801	-	210,801
85 years and over	30,238	-	30,238	34,623	-	34,623
Median age	38.6	27.8	39.4	38.3	28.1	39.2

1/ The April 1, 2010 Population Estimates base figures reflect changes to the 2010 Census resident population from the Boundary and Annexation Survey (BAS) and other geographic program revisions. It does not reflect changes from the Count Question Resolution program.

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, States, and Puerto Rico Commonwealth: April 1, 2010 to July 1, 2012" (PEPSYASEX) (June 13, 2013) and "Annual Estimates of the Civilian Population by Single Year of Age and Sex for the United States and States: April 1, 2010 to July 1, 2012" (SC-EST2012-agesex-civ) (June 13, 2013) <http://www.census.gov/popest/data/state/asrh/2012/index.html> accessed June 13, 2013; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.33-- RESIDENT POPULATION BY SELECTED AGE GROUPS, BY COUNTY: 2012

[As of July 1. Includes military personnel stationed or homeported in Hawaii and residents temporarily absent; excludes visitors present. The 2012 estimates are provisional]

Age group	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County 1/
Total persons	1,392,313	976,372	189,191	68,434	158,316
Under 5	89,149	62,725	11,984	4,421	10,019
5 to 13	149,333	103,484	20,777	7,382	17,690
14 to 17	64,529	44,114	9,309	3,316	7,790
18 to 24	136,870	103,592	16,059	5,193	12,026
16 years and over	1,122,168	788,628	151,863	54,988	126,689
18 years and over	1,089,302	766,049	147,121	53,315	122,817
15 to 44	559,689	407,627	67,645	24,412	60,005
25 to 44	374,049	270,632	44,538	16,717	42,162
45 to 64	367,582	244,398	56,412	20,370	46,402
65 years and over	210,801	147,427	30,112	11,035	22,227
85 years and over	34,623	25,573	4,196	1,775	3,079
Under 18 years	303,011	210,323	42,070	15,119	35,499
18 to 64 years	878,501	618,622	117,009	42,280	100,590
65 years and over	210,801	147,427	30,112	11,035	22,227
Percent:					
Under 18 years	21.8	21.5	22.2	22.1	22.4
18 to 64 years	63.1	63.4	61.8	61.8	63.5
65 years and over	15.1	15.1	15.9	16.1	14.0
Dependency ratio 2/	58	58	62	62	57

1/ Maui County including Kalawao County.

2/ 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). For example, 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 for Selected Age Groups by Sex for the United States, States, Counties, and Puerto Rico Commonwealth and Municipios: April 1, 2010 to July 1, 2012" (PEPAGESEX) (June 13, 2013) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed June 13, 2013; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.34-- RESIDENT POPULATION BY AGE, BY COUNTY: 2010

[As of April 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]

Age group	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County 1/
Total	1,360,301	953,207	185,079	67,091	154,924
Under 5 years	87,407	61,261	11,845	4,281	10,020
5 to 9 years	83,361	57,818	11,478	4,179	9,886
10 to 14 years	81,539	56,147	11,521	4,055	9,816
15 to 19 years	85,994	60,344	12,089	4,146	9,415
20 to 24 years	95,829	73,203	10,833	3,472	8,321
25 to 29 years	97,302	71,667	11,290	4,161	10,184
30 to 34 years	88,031	62,779	10,935	3,980	10,337
35 to 39 years	86,756	61,956	10,485	4,018	10,297
40 to 44 years	89,617	63,340	10,897	4,354	11,026
45 to 49 years	95,787	66,376	12,657	4,849	11,905
50 to 54 years	97,978	65,348	14,866	5,390	12,374
55 to 59 years	93,340	60,387	15,807	5,483	11,663
60 to 64 years	82,222	54,091	13,542	4,738	9,851
65 to 69 years	59,170	39,927	9,178	3,234	6,831
70 to 74 years	41,353	29,000	5,830	2,113	4,410
75 to 79 years	34,675	25,223	4,571	1,632	3,249
80 to 84 years	29,702	21,980	3,652	1,390	2,680
85 years or more	30,238	22,360	3,603	1,616	2,659
5 to 19	250,894	174,309	35,088	12,380	29,117
20 to 24	95,829	73,203	10,833	3,472	8,321
25 to 44	361,706	259,742	43,607	16,513	41,844
45 to 64	369,327	246,202	56,872	20,460	45,793
65 years and over	195,138	138,490	26,834	9,985	19,829
85 years and over	30,238	22,360	3,603	1,616	2,659
Median age	38.6	37.8	40.9	41.3	39.6

1/ Maui County includes Kalawao County.

Source: U.S. Census Bureau, 2010 Census "DP-1 - Profile of General 2010 Demographic Profile Data" (May 19, 2011) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed May 19, 2011; and 2010 Census Summary File 1 QT-P2 <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed June 16, 2011; calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

Table 1.35-- RESIDENT POPULATION BY AGE, BY COUNTY: 2012

[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 2012 estimates are provisional]

Age group	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County 1/
Total	1,392,313	976,372	189,191	68,434	158,316
Under 5 years	89,149	62,725	11,984	4,421	10,019
5 to 9 years	84,515	58,762	11,638	4,181	9,934
10 to 14 years	80,577	55,433	11,400	4,015	9,729
15 to 19 years	81,850	56,926	11,618	3,980	9,326
20 to 24 years	103,790	80,069	11,489	3,715	8,517
25 to 29 years	104,157	78,109	11,591	4,231	10,226
30 to 34 years	95,148	68,444	11,577	4,301	10,826
35 to 39 years	85,305	60,732	10,640	3,842	10,091
40 to 44 years	89,439	63,347	10,730	4,343	11,019
45 to 49 years	90,642	63,124	11,570	4,516	11,432
50 to 54 years	95,740	64,069	14,096	5,250	12,325
55 to 59 years	94,657	61,709	15,674	5,387	11,887
60 to 64 years	86,543	55,496	15,072	5,217	10,758
65 to 69 years	67,113	44,604	10,800	3,697	8,012
70 to 74 years	45,034	30,902	6,651	2,432	5,049
75 to 79 years	34,147	24,360	4,683	1,697	3,407
80 to 84 years	29,884	21,988	3,782	1,434	2,680
85 years or more	34,623	25,573	4,196	1,775	3,079
5 to 19	246,942	171,121	34,656	12,176	28,989
20 to 24	103,790	80,069	11,489	3,715	8,517
25 to 44	374,049	270,632	44,538	16,717	42,162
45 to 64	367,582	244,398	56,412	20,370	46,402
65 years and over	210,801	147,427	30,112	11,035	22,227
85 years and over	34,623	25,573	4,196	1,775	3,079
Median age	38.3	37.3	41.3	41.8	40.2

1/ Maui County includes Kalawao County.

Source: U.S. Census Bureau, Population Division, "Annual Estimates of the Resident Population for Selected Age Groups by Sex for the United States, States, Counties, and Puerto Rico Commonwealth and Municipios: April 1, 2010 to July 1, 2012" (PEPAGESEX) (June 13, 2013) <http://www.census.gov/popest/data/counties/asrh/2011/index.html> accessed June 13, 2013; tabulations and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.36-- DIFFERENCE IN POPULATION BY MAJOR RACE: 2000 AND 2010

Subject	2000 Census		2010 Census		Race alone (difference between 2000 and 2010) 1/		Race alone or in combination (difference between 2000 and 2010) 2/	
	Race alone 1/	Race alone or in combination 2/	Race alone 1/	Race alone or in combination 2/	Number	Percent	Number	Percent
Total population	1,211,537	1,211,537	1,360,301	1,360,301	148,764	12.3	148,764	12.3
White	294,102	476,162	336,599	564,323	42,497	14.4	88,161	18.5
Black or African American	22,003	33,343	21,424	38,820	-579	-2.6	5,477	16.4
American Indian and Alaska Native	3,535	24,882	4,164	33,470	629	17.8	8,588	34.5
Asian	503,868	703,232	525,078	780,968	21,210	4.2	77,736	11.1
Native Hawaiian and Other Pacific Islander	113,539	282,667	135,422	355,816	21,883	19.3	73,149	25.9
Some other races	15,147	47,603	16,985	34,199	1,838	12.1	-13,404	-28.2

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 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.

Source: U.S. Census Bureau, 2010 Census Redistricting Data (Public Law 94-171) Summary File (February 2011); calculations by the Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center.

Table 1.37-- RACE AND HISPANIC ORIGIN, BY COUNTY: 2010

Race and Hispanic origin	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County 1/
State total	1,360,301	953,207	185,079	67,091	154,924
One race	1,039,672	740,171	130,544	50,375	118,582
White	336,599	198,732	62,348	22,159	53,360
Black or African American	21,424	19,256	1,020	278	870
American Indian and Alaska Native	4,164	2,438	869	254	603
Asian 2/	525,078	418,410	41,050	21,016	44,602
Native Hawaiian and Other Pacific Islander 3/	135,422	90,878	22,389	6,060	16,095
Some other race	16,985	10,457	2,868	608	3,052
Two or more races	320,629	213,036	54,535	16,716	36,342
Race alone or in combination with one or more other races 4/					
White	564,323	350,690	101,344	34,166	78,123
Black or African American	38,820	32,780	2,975	789	2,276
American Indian and Alaska Native	33,470	20,482	7,210	1,876	3,902
Asian	780,968	590,926	82,944	34,270	72,828
Native Hawaiian and Other Pacific Islander	355,816	233,637	62,487	17,374	42,318
Some other race	34,199	21,915	5,450	1,574	5,260
Hispanic or Latino and Race					
Hispanic or Latino (of any race)	120,842	77,433	21,383	6,315	15,711
Mexican	35,415	21,580	5,868	1,837	6,130
Puerto Rican	44,116	27,221	9,520	2,196	5,179
Cuban	1,544	1,078	237	63	166
Other Hispanic or Latino	39,767	27,554	5,758	2,219	4,236
Not Hispanic or Latino	1,239,459	875,774	163,696	60,776	139,213
White alone	309,343	181,684	57,831	20,611	49,217

1/ Maui County includes Kalawao County (Kalaupapa Settlement). Kalawao had 90 inhabitants in 2010.

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, 2010 Census Redistricting Data (Public Law 94-171) Summary File (February 2011) and 2010 Census "DP-1 - Profile of General 2010 Demographic Profile Data" (May 19, 2011) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed May 19, 2011.

Table 1.38-- RANKING OF SELECTED RACES: 2010

Race	Race alone 1/	Race	Race alone or in combin-ation 2/
White	336,599	White	564,323
Filipino	197,497	Filipino	342,095
Japanese	185,502	Japanese	312,292
Native Hawaiian	80,337	Native Hawaiian	289,970
Chinese 3/	54,955	Chinese 3/	199,751
Korean	24,203	Korean	48,699
Black or African American	21,424	Black or African American	38,820
Samoan	18,287	Samoan	37,463
Vietnamese	9,779	American Indian and Alaska Native	33,470
Marshallese	6,316	Vietnamese	13,266
Tongan	4,830	Tongan	8,085
American Indian and Alaska Native	4,164	Marshallese	7,412
Guamanian or Chamorro	2,700	Guamanian or Chamorro	6,647
Asian Indian	2,201	Okinawan	6,642
Thai	2,006	Asian Indian	4,737
Okinawan	1,886	Thai	3,701
Laotian	1,844	Laotian	2,620
Chuukese	1,683	Chuukese	2,563
Palauan	729	Tahitian	2,513
Cambodian	464	Palauan	1,216
Indonesian	399	Indonesian	990
Pohnpeian	398	Pohnpeian	775
Fijian	282	Fijian	711
Kosraean	245	Cambodian	705
Tahitian	225	Tokelauan	547
Burmese	199	Kosraean	484
Sri Lankan	186	Pakistani	303
Pakistani	174	Malaysian	297
Yapese	129	Burmese	281
Nepalese	125	Yapese	260
Mongolian	109	Sri Lankan	231
Malaysian	86	Mongolian	197
Hmong	70	Nepalese	146
Bangladeshi	60	I-Kiribati	141
Bhutanese	7	Hmong	87
		Bangladeshi	74
		Bhutanese	13

Continued on next page.

Table 1.38-- RANKING OF SELECTED RACES: 2010 -- Con.

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/ Includes people who chose "Chinese" or "Taiwanese" as well as people who chose both "Chinese" and "Taiwanese". The figures presented include 898 Taiwanese in the "race alone" group and 1,161 Taiwanese in the "race alone or in combination" group.

Source: U.S. Census Bureau, 2010 Census Summary File 1 Hawaii (June 16, 2011) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed June 16, 2011 and 2010 Census Summary File 2 Hawaii (March 1, 2012) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed March 1, 2012.

Table 1.39-- DIFFERENCE IN POPULATION BY SELECTED DETAILED ASIAN RACE: 2000 AND 2010

Subject	2000 Census		2010 Census		Difference between 2000 and 2010			
					Race alone		Race alone or in combination	
	Race alone 1/	Race alone or in combination 2/	Race alone 1/	Race alone or in combination 2/	Numerical difference	Percent difference	Numerical difference	Percent difference
Total population	952,194	1,211,537	1,039,672	1,360,301	87,478	9.2	148,764	12.3
Total Asian population	3/ 469,180	814,181	3/ 482,873	941,039	13,693	2.9	126,858	15.6
Filipino	170,635	275,728	197,497	342,095	26,862	15.7	66,367	24.1
Japanese	201,764	296,674	185,502	312,292	-16,262	-8.1	15,618	5.3
Chinese 4/	55,823	169,747	53,963	198,711	-1,860	-3.3	28,964	17.1
Korean	23,537	41,352	24,203	48,699	666	2.8	7,347	17.8
Vietnamese	7,867	10,040	9,779	13,266	1,912	24.3	3,226	32.1
Asian Indian	1,441	3,145	2,201	4,737	760	52.7	1,592	50.6
Thai	1,259	2,284	2,006	3,701	747	59.3	1,417	62.0
Laotian	1,842	2,437	1,844	2,620	2	0.1	183	7.5
Taiwanese	777	1,056	898	1,161	121	15.6	105	9.9
Cambodian	235	330	464	705	229	97.4	375	113.6
Indonesian	292	709	399	990	107	36.6	281	39.6

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 1.33 due to the difference in counting methodology.

4/ Excludes Taiwanese.

Source: U.S. Census Bureau, Census 2000 Summary File 1 Hawaii (July 25, 2001) and 2010 Census Summary File 1 (June 16, 2011); calculations by the Hawaii State Department of Business, Economic Development and Tourism, Hawaii State Data Center.

Table 1.40-- DIFFERENCE IN POPULATION BY SELECTED DETAILED NATIVE HAWAIIAN AND OTHER PACIFIC ISLANDER RACE: 2000 AND 2010

Subject	2000 Census		2010 Census		Difference between 2000 and 2010			
					Race alone		Race alone or in combination	
	Race alone 1/	Race alone or in combination 2/	Race alone 1/	Race alone or in combination 2/	Numerical difference	Percent difference	Numerical difference	Percent difference
Total population	952,194	1,211,537	1,039,672	1,360,301	87,478	9.2	148,764	12.3
Total Native Hawaiian and Other Pacific Islander population	3/110,151	295,030	3/129,779	377,587	19,628	17.8	82,557	28.0
Native Hawaiian	80,137	239,655	80,337	289,970	200	0.2	50,315	21.0
Samoan	16,166	28,184	18,287	37,463	2,121	13.1	9,279	32.9
Tongan	3,993	5,988	4,830	8,085	837	21.0	2,097	35.0
Guamanian or Chamorro	1,663	4,221	2,700	6,647	1,037	62.4	2,426	57.5
Fijian	214	459	282	711	68	31.8	252	54.9

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 1.36 due to the difference in counting methodology.

Source: U.S. Census Bureau, Census 2000 Summary File 1 Hawaii (July 25, 2001) and 2010 Census Summary File 1 (June 16, 2011); calculations by the Hawaii State Department of Business, Economic Development and Tourism, Hawaii State Data Center.

Table 1.41-- ETHNIC STOCK BY COUNTY: 2011

[Excludes persons in institutions, military barracks, and Ni'ihau. Sample survey consisted of 14,968 people. Data were weighted based on the 2010 Census data]

Ethnic stock 1/	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
All groups	1,377,004	962,239	189,749	68,152	156,864
Unmixed (except Hawaiian)	736,767	536,419	81,181	29,989	89,177
Caucasian	235,374	132,226	49,403	15,519	38,226
Black	7,286	4,952	371	77	1,887
Japanese	243,533	205,291	18,965	6,251	13,025
Chinese	44,464	41,991	1,261	663	549
Filipino	182,457	130,542	10,486	7,216	34,215
Korean	14,225	13,135	412	46	631
Samoan/Tongan	9,428	8,282	284	217	644
Mixed (except Hawaiian) 2/	310,169	217,762	46,308	15,593	30,507
Hawaiian/part Hawaiian	330,068	208,059	62,260	22,570	37,179

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 and the 2010 Census, people were allowed to select more than one race.

2/ Includes other ethnicities not listed, don't know, refused or missing (95,596). 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-- NATIVE HAWAIIANS LIVING IN HAWAII OR OTHER STATES: 2000 AND 2010

Place of residence	2000 Census		2010 Census		Percent change between 2000 and 2010	
	Race alone 1/	Race alone or in combination 2/	Race alone 1/	Race alone or in combination 2/	Race alone 1/	Race alone or in combination 2/
Native Hawaiians in U.S.	140,652	401,162	156,146	527,077	11.0	31.4
Living in Hawaii	80,137	239,655	80,337	289,970	0.2	21.0
Living in selected other states	49,334	133,333	61,796	194,499	25.3	45.9
California	20,571	60,048	21,423	74,932	4.1	24.8
Washington	4,883	13,507	5,861	19,863	20.0	47.1
Nevada	3,471	8,264	6,459	16,339	86.1	97.7
Texas	3,475	7,775	4,794	13,192	38.0	69.7
Oregon	2,244	6,366	3,060	9,719	36.4	52.7
Arizona	1,985	4,906	3,837	9,549	93.3	94.6
Florida	2,131	5,285	2,809	8,023	31.8	51.8
Utah	1,251	3,642	1,911	6,525	52.8	79.2
Colorado	1,435	3,990	1,783	5,670	24.3	42.1
New York	1,684	3,758	1,802	5,108	7.0	35.9
Virginia	1,023	2,795	1,410	4,699	37.8	68.1
North Carolina	932	2,390	1,389	4,182	49.0	75.0
Georgia	866	2,183	1,319	3,976	52.3	82.1
Illinois	1,003	2,506	1,122	3,636	11.9	45.1
Pennsylvania	897	2,051	940	3,043	4.8	48.4
Ohio	788	1,989	928	3,037	17.8	52.7
Alaska	695	1,878	949	3,006	36.5	60.1
Remainder of the states in the U.S.	11,181	28,174	14,013	42,608	25.3	51.2

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, Census 2000 Summary File 1 Hawaii (July 25, 2001) and 2010 Census SF1 100% Data <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed November 3, 2011.

Table 1.43-- ANCESTRY: 2011

[Ancestry refers to a person's self-identification of heritage, ethnic origin, descent, or close identification to an ethnic group. People reported each of their ancestries. Therefore, some people may be counted more than once in this table. Based on a sample and subject to sampling variability]

Ancestry group	Number	Percent of total population
Total	1/ 1,374,810	(2/)
German	86,101	6.3
Irish	62,677	4.6
English	56,159	4.1
Portuguese	55,031	4.0
Italian	27,525	2.0
French (except Basque)	22,548	1.6
American	21,141	1.5
Scottish	13,971	1.0
Polish	11,771	0.9
European	10,627	0.8
Norwegian	8,907	0.6
Swedish	8,832	0.6
Scotch-Irish	8,089	0.6
Dutch	7,825	0.6
Russian	5,959	0.4
Danish	4,324	0.3
Czech	3,436	0.2
British	3,298	0.2
French Canadian	2,844	0.2
Welsh	2,827	0.2
Arab	2,786	0.2
Hungarian	2,608	0.2
Greek	2,161	0.2
Swiss	1,798	0.1
Lithuanian	1,629	0.1
West Indian (except Hispanic groups)	1,615	0.1
Subsaharan African	1,588	0.1
Ukrainian	1,076	0.1
Slovak	725	0.1
Other groups	1,066,108	77.5
Unclassified or not reported	90,679	6.6

1/ People were allowed to choose more than one ancestry. The total population count for the State of Hawaii was 1,374,810 persons. From this group, there were a total of 1,596,665 ancestry responses.

2/ The sum of all categories was more than 100% because people were allowed to choose more than one ancestry.

Source: U.S. Census Bureau, 2011 American Community Survey 1-Year Estimates, C04006 <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> and <http://factfinder.census.gov/home/en/epss/glossary_a.html> accessed November 30, 2012; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.44-- PLACE OF BIRTH AND CITIZENSHIP: 2010 AND 2011

[Based on a sample and subect to sampling variability]

Place of birth and citizenship	2010		2011	
	Number	Percent	Number	Percent
Total population	1,363,621	100.0	1,374,810	100.0
Native	1,115,408	81.8	1,128,719	82.1
Born in Hawaii	749,543	55.0	750,504	54.6
Born in other state in the U.S.	326,569	23.9	339,245	24.7
Northeast	51,438	3.8	51,206	3.7
Midwest	59,819	4.4	63,161	4.6
South	69,565	5.1	83,292	6.1
West	145,747	10.7	141,586	10.3
Born outside United States	39,296	2.9	38,970	2.8
Puerto Rico	1,380	0.1	2,110	0.2
U.S. island areas	11,518	0.8	12,411	0.9
Born abroad of American parent(s)	26,398	1.9	24,449	1.8
Foreign born	248,213	18.2	246,091	17.9
Naturalized U.S. citizen	141,320	10.4	137,458	10.0
Not a U.S. citizen	106,893	7.8	108,633	7.9
18 years and over	1,059,960	100.0	1,070,453	100.0
Native	825,875	77.9	841,227	78.6
Foreign born	234,085	22.1	229,226	21.4
Naturalized U.S. citizen	136,640	12.9	133,981	12.5
Not a U.S. citizen	97,445	9.2	95,245	8.9

Source: U. S. Census Bureau, 2010 American Community Survey 1-Year Estimates, Tables B05002 and B05003 <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed May 1, 2012 and the 2011 American Community Survey 1-Year Estimates, Tables B05002 and B05003 <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed November 30, 2012; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.45-- LANGUAGE SPOKEN AT HOME BY ABILITY TO SPEAK ENGLISH, BY AGE: 2007-2011

[Persons 5 years old and over. The 2007-2011 5-year dataset that was used describes the average characteristics of people living in Hawaii between the years 2007 and 2011. Based on a sample and subject to sampling variability]

Language spoken at home	Total	5 to 17 years	18 to 64 years	65 years and over
Total	1,259,148	214,719	853,403	191,026
Speak English only	936,252	175,657	630,232	130,363
Spanish	26,563	3,616	21,357	1,590
Speak English "very well"	19,127	2,927	15,027	1,173
Speak English "well"	5,320	567	4,440	313
Speak English less than "well"	2,116	122	1,890	104
Other Indo-European 1/	18,859	1,912	14,091	2,856
Speak English "very well"	15,086	1,550	11,481	2,055
Speak English "well"	3,148	228	2,291	629
Speak English less than "well"	625	134	319	172
Asian and Pacific Island	275,593	33,445	186,230	55,918
Speak English "very well"	138,110	23,851	93,951	20,308
Speak English "well"	81,952	7,471	58,657	15,824
Speak English less than "well"	55,531	2,123	33,622	19,786
Other	1,881	89	1,493	299
Speak English "very well"	1,608	54	1,317	237
Speak English "well"	185	29	116	40
Speak English less than "well"	88	6	60	22

1/ The languages included in the "Other Indo-European" category are French, French Creole, Italian, Portugese or Portugese Creole, German, Yiddish, other West Germanic languages, Scandinavian languages, Greek, Russian, Polish, Serbo-Croatian, other Slavic languages, Armenian, Persian, Gujarati, Hindi, Urdu and other Indic languages.

Source: U.S. Census Bureau, 2007-2011 American Community Survey 5-Year Estimates, B16004 and B16005 <http://factfinder2.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t> accessed February 26, 2013 and American Community Survey Puerto Rico Survey 2011 Subject Definitions; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.46-- LANGUAGE SPOKEN AT HOME, BY COUNTY: 2007-2011

[Persons 5 years old and over. The 2007-2011 5-year dataset that was used describes the average characteristics of people living in Hawaii between the years 2007 and 2011. Based on a sample and subject to sampling variability]

Language spoken at home	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County 1/
Total	1,259,148	882,705	171,335	62,080	143,028
Speak only English	936,252	633,916	137,988	48,894	115,454
Spanish or Spanish Creole	26,563	17,107	5,046	1,412	2,998
French (incl. Patois, Cajun)	4,692	2,927	521	467	777
French Creole	463	357	40	66	-
Italian	799	514	44	148	93
Portuguese or Portuguese Creole	1,659	1,117	199	29	314
German	4,665	2,904	727	388	646
Yiddish	48	9	23	16	-
Other West Germanic languages	584	341	178	5	60
Scandinavian languages	722	448	63	-	211
Greek	213	138	23	31	21
Russian	1,120	576	359	98	87
Polish	496	331	89	-	76
Serbo-Croatian	148	123	14	11	-
Other Slavic languages	579	361	100	64	54
Armenian	81	21	60	-	-
Persian	305	285	-	13	7
Gujarati	60	14	46	-	-
Hindi	323	281	-	42	-
Urdu	120	50	58	-	12
Other Indic languages	478	444	-	-	34
Other Indo-European languages	1,304	588	342	183	191
Chinese	31,227	29,799	503	124	801
Japanese	47,717	40,643	4,113	1,012	1,949
Korean	18,298	17,122	406	226	544
Mon-Khmer, Cambodian	391	266	73	-	52
Hmong	5	5	-	-	-
Thai	2,033	1,659	271	25	78
Laotian	2,165	1,996	62	82	25
Vietnamese	8,166	7,735	122	27	282
Other Asian languages	638	581	28	-	29
Tagalog	56,424	44,483	3,410	2,599	5,932
Other Pacific Island languages	108,529	74,112	16,140	6,064	12,213
Navajo	38	38	-	-	-
Other Native North American languages	148	79	57	12	-

Continued on next page.

Table 1.46-- LANGUAGE SPOKEN AT HOME, BY COUNTY: 2007-2011 -- Con.

Language spoken at home	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County 1/
Hungarian	114	58	31	19	6
Arabic	437	401	23	11	2
Hebrew	361	311	50	-	-
African languages	433	381	36	2	14
Other and unspecified languages	350	184	90	10	66

1/ Maui County incudes Kalawao County.

Source: U.S. Census Bureau, 2007-2011 American Community Survey 5-Year Estimates, B16001 <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_11_5YR_B16001&prodType=table> accessed February 26, 2013.

Table 1.47-- LANGUAGE SPOKEN AT HOME, BY EDUCATIONAL ATTAINMENT AND EMPLOYMENT STATUS: 2007-2011

[Persons 25 years old and over. The 2007-2011 5-year dataset that was used describes the average characteristics of people living in Hawaii between the years 2007 and 2011. Based on a sample and subject to sampling variability]

Subject	Language spoken at home				
	Only English	Spanish	Other Indo-European	Asian and Pacific Island	Other languages
Total	660,706	18,953	14,978	219,203	1,589
Educational attainment					
Less than high school graduate	41,854	2,155	935	45,249	156
High school graduate 1/	190,470	4,777	2,417	64,238	434
Some college/associate's degree	219,727	6,298	4,668	61,540	401
Bachelor's degree or higher	208,655	5,723	6,958	48,176	598
Employment status					
In labor force	452,457	14,140	9,217	139,761	1,071
Not in labor force	208,249	4,813	5,761	79,442	518
In percent	100.0	100.0	100.0	100.0	100.0
Educational attainment	100.0	100.0	100.0	100.0	100.0
Less than high school graduate	6.3	11.4	6.2	20.6	9.8
High school graduate 1/	28.8	25.2	16.1	29.3	27.3
Some college/associate's degree	33.3	33.2	31.2	28.1	25.2
Bachelor's degree or higher	31.6	30.2	46.5	22.0	37.6
Employment status	100.0	100.0	100.0	100.0	100.0
In labor force	68.5	74.6	61.5	63.8	67.4
Not in labor force	31.5	25.4	38.5	36.2	32.6

1/ Includes equivalency.

Source: U.S. Census Bureau, 2007-2011 American Community Survey 5-Year Estimates, B16010 <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_11_5YR_B16010&prodType=table> accessed February 26, 2013; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.48-- RANKING OF SELECTED DETAILED LANGUAGE SPOKEN AT HOME: 2007-2011

[Persons 5 years old and over. The 2007-2011 5-year dataset that was used describes the average characteristics of people living in Hawaii between the years 2007 and 2011. Based on a sample and subect to sampling variability]

Language spoken at home	Total	Speak English "very well"	Speak English less than "very well"
Total	1,259,148	(X)	(X)
Spoke only English at home	936,252	(X)	(X)
Spoke a language other than English at home	322,896	173,931	148,965
Other Pacific Island languages	108,529	58,195	50,334
Tagalog	56,424	28,944	27,480
Japanese	47,717	26,669	21,048
Chinese	31,227	12,491	18,736
Spanish or Spanish Creole	26,563	19,127	7,436
Korean	18,298	6,625	11,673
Vietnamese	8,166	2,564	5,602
French (incl. Patois, Cajun)	4,692	3,982	710
German	4,665	3,858	807
Laotian	2,165	1,046	1,119
Thai	2,033	915	1,118
Portuguese or Portuguese Creole	1,659	1,168	491
Other Indo-European languages	1,304	1,167	137
Russian	1,120	797	323
Italian	799	699	100
Scandinavian languages	722	570	152
Other Asian languages	638	389	249
Other West Germanic languages	584	516	68
Other Slavic languages	579	437	142
Polish	496	299	197
Other Indic languages	478	350	128
French Creole	463	205	258
Arabic	437	386	51
African languages	433	343	90
Mon-Khmer, Cambodian	391	272	119
Hebrew	361	324	37
Other and unspecified languages	350	313	37
Hindi	323	169	154
Persian	305	293	12
Greek	213	168	45
Serbo-Croatian	148	138	10

Continued on next page.

Table 1.48-- RANKING OF SELECTED DETAILED LANGUAGE SPOKEN AT HOME: 2007-2011 -- Con.

Language spoken at home	Total	Speak English "very well"	Speak English less than "very well"
Spoke a language other than English at home (con):			
Other Native North American languages	148	125	23
Urdu	120	96	24
Hungarian	114	99	15
Armenian	81	69	12
Gujarati	60	57	3
Yiddish	48	48	-
Navajo	38	18	20
Hmong	5	-	5

X Not applicable.

Source: U.S. Census Bureau, 2007-2011 American Community Survey 5-Year Estimates, B16001 <http://factfinder2.census.gov/rest/dnldController/deliver?_ts=387521316644> accessed May 24, 2013; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.49-- HOUSEHOLD TYPE AND RELATIONSHIP, BY COUNTY: 2010

Household type and relationship	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County 1/
Total persons	1,360,301	953,207	185,079	67,091	154,924
In households	1,317,421	917,907	181,435	65,930	152,149
Householder	455,338	311,047	67,096	23,240	53,955
Spouse	230,076	161,172	31,834	11,654	25,416
Child	362,370	256,609	47,628	17,807	40,326
Own child under 18 years	230,892	159,209	32,560	11,505	27,618
Other relatives	167,820	122,729	19,123	7,770	18,198
Under 18 years	63,047	44,763	8,137	3,195	6,952
Nonrelatives	101,817	66,350	15,754	5,459	14,254
Under 18 years	7,174	4,543	1,217	431	983
65 years and over	7,634	5,428	1,053	333	820
Unmarried partner	33,068	19,169	6,627	2,049	5,223
In group quarters	42,880	35,300	3,644	1,161	2,775
Institutionalized population	11,306	7,658	1,563	628	1,457
Noninstitutionalized population	31,574	27,642	2,081	533	1,318
Total households	455,338	311,047	67,096	23,240	53,955
Family households (families)	313,907	217,842	44,407	16,147	35,511
With own children under 18 years	126,155	87,203	17,296	6,368	15,288
Husband-wife family	230,076	161,172	31,834	11,654	25,416
With own children under 18 years	91,610	65,995	11,141	4,289	10,185
Male householder, no wife present	26,590	17,235	4,315	1,569	3,471
With own children under 18 years	10,737	6,181	2,101	779	1,676
Female householder, no husband present	57,241	39,435	8,258	2,924	6,624
With own children under 18 years	23,808	15,027	4,054	1,300	3,427
Nonfamily households	141,431	93,205	22,689	7,093	18,444
Householder living alone	106,175	70,916	16,843	5,255	13,161
Male	51,465	33,882	8,593	2,493	6,497
65 years and over	12,371	8,103	2,197	655	1,416
Female	54,710	37,034	8,250	2,762	6,664
65 years and over	24,603	16,870	3,690	1,370	2,673
Households with individuals					
Under 18 years	156,045	108,131	21,340	7,989	18,585
65 years and over	137,815	96,947	19,541	7,175	14,152
Average household size	2.89	2.95	2.70	2.84	2.82
Average family size	3.42	3.48	3.22	3.31	(NA)

NA Not available.

1/ Maui County includes Kalawao County.

Source: U.S. Census Bureau, 2010 Census "DP-1 - Hawaii Profile of General 2010 Demographic Profile Data" (May 19, 2011) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed May 19, 2011.

Table 1.50-- HOUSEHOLDS, FAMILIES, AND GROUP QUARTERS: 1950 TO 2010

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
2010	455,338	313,907	1,317,421	1,074,173	42,880	2.89	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;* Census 2000 Summary File 1 Hawaii (July 25, 2001); U.S. Census Bureau, 2010 Census "DP-1 - Hawaii Profile of General 2010 Demographic Profile Data" (May 19, 2011) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed May 19, 2011 and 2010 Census Summary File 1 (June 16, 2011) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed June 17, 2011.

Table 1.51-- HOUSEHOLDS AND HOUSEHOLD POPULATIONS: 2000 TO 2011

[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
2007	439,685	1,247,553	2.84
2008	437,105	1,253,999	2.87
2009	446,136	1,260,211	2.82
2010 1/	445,812	1,320,741	2.96
2011	448,536	1,331,912	2.97

1/ Figures obtained from the 2010 American Community Survey 1-year estimates. Last year's *Data Book* headnote erroneously listed the 2010 data as obtained from the 2010 Census.

Source: U.S. Census Bureau, American Community Survey 1-Year Estimates "Selected Social Characteristics in the United States - Hawaii" (annual) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed September 20, 2012.

Table 1.52-- HOUSING UNITS, HOUSEHOLDS BY AGE, AND PERSONS PER HOUSEHOLD: 2000 AND 2010

Subject	April 1, 2000	April 1, 2010	Percent change
Total housing units	460,542	519,508	12.8
Households by age of householder, total	403,240	455,338	12.9
15 to 24 years	16,324	16,597	1.7
25 to 34 years	60,907	61,422	0.8
35 to 44 years	88,254	75,796	-14.1
45 to 54 years	89,742	93,993	4.7
55 to 64 years	57,934	94,650	63.4
65 years and over	90,079	112,880	25.3
65 to 74 years	47,296	57,317	21.2
75 to 84 years	33,957	38,401	13.1
85 years and over	8,826	17,162	94.4
Persons in households	1,175,755	1,317,421	12.0
Persons per household 1/	2.92	2.89	-1.0

1/ The U.S. average in 2010 was 2.58.

Source: U.S. Census Bureau, Census 2000 Summary File 1 Hawaii (July 25, 2001), 2010 Census DP-1 - Hawaii Profile of General 2010 Demographic Profile Data (May 19, 2011) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed May 19, 2011 and 2010 Census Summary File 1 (June 16, 2011) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed June 20, 2011.

Table 1.53-- HOUSEHOLDS, POPULATION IN HOUSEHOLDS, AND POPULATION PER HOUSEHOLD, BY COUNTY AND ISLAND: 2000 AND 2010

County and island	Households		Population in households		Population per household	
	2000	2010	2000	2010	2000	2010
State total	403,240	455,338	1,175,755	1,317,421	2.92	2.89
County						
Hawaii	52,985	67,096	145,873	181,435	2.75	2.70
Maui 1/	43,622	53,955	126,840	152,149	2.91	2.82
Honolulu	286,450	311,047	845,211	917,907	2.95	2.95
Kauai	20,183	23,240	57,831	65,930	2.87	2.84
Island						
Hawaii	52,985	67,096	145,873	181,435	2.75	2.70
Maui	40,156	50,215	116,417	141,691	2.90	2.82
Lanai	1,161	1,158	3,182	3,135	2.74	2.71
Molokai	2,305	2,582	7,241	7,323	3.14	2.84
Oahu	286,450	311,047	845,211	917,907	2.95	2.95
Kauai	20,147	23,213	57,671	65,760	2.86	2.83
Niihau	36	27	160	170	4.44	6.30

1/ Maui County includes Kalawao County.

Source: U.S. Census Bureau, Census 2000 Summary File 1 Hawaii (July 25, 2001) and Census 2000 QT-P10 and QT-H3 <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed May 28, 2011; U.S. Census Bureau, 2010 Census Redistricting Data (Public Law 94-171) Summary File (February 2011) and 2010 Census Advance Quarters Summary File (April 2011); calculations by the Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center.

Table 1.54-- POPULATION IN GROUP QUARTERS, BY TYPE OF GROUP QUARTER, BY COUNTY: 2010

Type of group quarter	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County 1/
Total in group quarters	42,880	35,300	3,644	1,161	2,775
Institutionalized population 2/	11,306	7,658	1,563	628	1,457
Correctional facilities for adults	5,673	3,906	745	290	732
Federal detention centers	704	704	-	-	-
State prisons	4,548	3,049	478	289	732
Local jails 3/	12	12	-	-	-
Correctional residential facilities	382	114	267	1	-
Military disciplinary barracks/jails	27	27	-	-	-
Juvenile facilities	280	188	28	23	41
Group homes (non-correctional)	115	73	6	23	13
Residential treatment centers (non-correctional)	46	12	22	-	12
Correctional facilities intended for juveniles	119	103	-	-	16
Nursing facilities/skilled nursing facilities	5,198	3,425	776	315	682
Other institutional facilities	155	139	14	-	2
Mental 4/	71	60	9	-	2
In-patient hospice facilities	34	34	-	-	-
Military treatment facilities with assigned patients	27	27	-	-	-
Residential schools for people with disabilities	18	18	-	-	-
Noninstitutionalized population 5/	31,574	27,642	2,081	533	1,318
College/University student housing	7,540	6,716	824	-	-
Military quarters	12,551	12,551	-	-	-
Military barracks/dorms (non-disciplinary)	8,806	8,806	-	-	-
Military ships	3,745	3,745	-	-	-
Other noninstitutional facilities	11,483	8,375	1,257	533	1,318
Emergency/transitional shelter 6/	2,909	2,276	247	12	374
Group homes intended for adults	1,532	1,223	162	70	77
Residential treatment centers for adults	463	361	63	-	39
Maritime/merchant vessels	34	34	-	-	-
Workers' group living quarters and Job Corps centers	1,544	1,073	232	22	217
Other noninstitutional facilities	5,001	3,408	553	429	611

Continued on next page.

Table 1.54-- POPULATION IN GROUP QUARTERS, BY TYPE OF GROUP QUARTER, BY COUNTY: 2010 -- Con.

1/ Maui County including Kalawao County (Kalaupapa Settlement). Kalawao County had 3 people living in group quarters.

2/ Includes people who are primarily ineligible, unable, or unlikely to participate in the labor force while residents in the group quarters facility.

3/ Includes other municipal confinement facilities.

4/ Psychiatric hospitals and psychiatric units in other hospitals.

5/ Includes people who are primarily eligible, able, or likely to participate in the labor force while residents in the group quarters facility.

6/ With sleeping facilities for people experiencing homelessness.

Source: U.S. Census Bureau, 2010 Census Summary File 1 (June 16, 2011) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed July 8, 2011.

Table 1.55 -- SUBFAMILIES, BY COUNTY: 2007-2011

[Population in subfamilies. Based on a sample and subject to sampling variability. Figures displayed are the average values over the 5-year period of 2007 to 2011]

Subject 1/	State total 2/	City and County of Honolulu	Hawaii County	Kauai County	Maui County
Total	110,034	77,837	13,600	5,959	12,638
In married-couple subfamilies	63,885	47,341	7,072	2,940	6,532
Husband/wife in a childless subfamily	22,305	16,265	2,340	1,391	2,309
Husband/wife in a subfamily with children	22,099	16,399	2,575	863	2,262
Child	19,481	14,677	2,157	686	1,961
In mother-child subfamilies	35,673	23,998	4,651	2,228	4,796
Parent	14,847	9,857	2,020	850	2,120
Child	20,826	14,141	2,631	1,378	2,676
In father-child subfamilies	10,476	6,498	1,877	791	1,310
Parent	4,523	2,681	815	357	670
Child	5,953	3,817	1,062	434	640

1/ A subfamily is a married couple (husband and wife inteviewed as members of the same household) with or without never-married children under 18 years old, or one parent with one or more never-married children under 18 years old. A subfamily does not maintain its own household, but lives in a household where the householder or householder's spouse is a relative.

2/ There was no population living in subfamilies in Kalawao County.

Source: U.S. Census Bureau, 2007-2011 American Community Survey 5-Year Estimates, B11014 <http://factfinder2.census.gov/rest/dnldController/deliver?_ts=385997835150> accessed May 7, 2013.

Table 1.56-- MARITAL STATUS, BY SEX: 2011

[Persons 15 years old and over. Based on a sample and subject to sampling variability]

Marital status	Total		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
Total	1,121,353	100.0	558,393	100.0	562,960	100.0
Never married	364,551	32.5	205,093	36.7	159,458	28.3
Now married	582,030	51.9	293,560	52.6	288,470	51.2
Married, spouse present	508,623	45.4	256,829	46.0	251,794	44.7
Married, spouse absent	73,407	6.5	36,731	6.6	36,676	6.5
Separated	15,912	1.4	7,311	1.3	8,601	1.5
Other	57,495	5.1	29,420	5.3	28,075	5.0
Widowed	69,771	6.2	13,300	2.4	56,471	10.0
Divorced	105,001	9.4	46,440	8.3	58,561	10.4

Source: U. S. Census Bureau, 2011 American Community Survey 1-Year Estimates, B12001 <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_11_1YR_B12001&prodType=table> accessed April 18, 2013; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.57--SINGLE, WIDOWED, OR DIVORCED PERSONS BY SEX, BY COUNTY: 2011

[Persons 15 years old and over. Based on a sample and subect to sampling variability]

County	Never married, widowed, or divorced				Never married			
	Total	Male	Female	Sex ratio	Total	Male	Female	Sex ratio
State total 1/	539,323	264,833	274,490	96.5	364,551	205,093	159,458	128.6
C & C Honolulu	382,925	191,256	191,669	99.8	263,146	149,652	113,494	131.9
Hawaii	72,954	33,945	39,009	87.0	47,705	26,298	21,407	122.8
Kauai	24,141	10,910	13,231	82.5	14,906	7,410	7,496	98.9
Maui	59,286	28,714	30,572	93.9	38,794	21,733	17,061	127.4

1/ The state figure included Kalawao County, but figures for Kalawao county were not available separately. This also means that the figures for the counties displayed do not sum to the state total.

Source: 2011 American Community Survey 1-Year Estimates, B12001 <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_11_1YR_B12001&prodType=table> accessed May 17, 2013; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.58-- COMPONENTS OF CHANGE IN THE RESIDENT POPULATION, BY COUNTY: 2000 TO 2010

[Data refer to ten year period ending March 31, 2010. For 1990-2000 estimates, see *Data Book 2009* , Table 1.59]

Component	State total	Honolulu	Hawaii	Kauai	Maui 1/
Net change	148,764	77,051	36,402	8,628	26,683
Natural increase	93,118	68,958	9,914	3,517	10,729
Live births	182,769	132,184	22,705	8,183	19,697
Deaths	89,651	63,226	12,791	4,666	8,968
Net migration 2/	55,646	8,093	26,488	5,111	15,954

1/ Maui County including Kalawao County.

2/ Residual based on net change less natural increase.

Source: U.S. Census Bureau, "Table 1. The Counties and the Most Populous Places in 2010 in Hawaii: 2000 and 2010" (February 24, 2011) <http://2010.census.gov/news/xls/cb11cn41_hi_2010redistr.xls> accessed February 24, 2011; Hawaii State Department of Health, Office of Health Status Monitoring; calculations by the Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center.

Table 1.59-- COMPONENTS OF CHANGE IN THE RESIDENT POPULATION, BY COUNTY: 2010 TO 2012

Component	State total	Honolulu	Hawaii	Kauai	Maui 1/
Resident population:					
April 1, 2010 (estimates base) 2/	1,360,301	953,207	185,079	67,091	154,924
July 1, 2012 (estimate)	1,392,313	976,372	189,191	68,434	158,316
Net change 3/	32,012	23,165	4,112	1,343	3,392
Resident births	41,798	29,935	5,405	1,938	4,520
Resident deaths	22,275	15,810	3,112	1,121	2,232
Foreign migrants (net) 4/	17,361	13,987	1,655	605	1,114
Internal migrants (net) 5/	-4,237	-4,497	221	-38	77

1/ Maui County including Kalawao County.

2/ The estimates are based on the 2010 Census and reflect changes to the April 1, 2010 population due to the Count Question Resolution program.

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

4/ Net international migration includes the international migration of both native and foreign-born populations. Specifically, it includes: (a) the net international migration of the foreign born, (b) the net migration between the United States and Puerto Rico, (c) the net migration of natives to and from the United States, and (d) the net movement of the Armed Forces pouplation between the United States and overseas.

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 "Cumulative Estimates of Resident Population Change and Rankings: April 1, 2010 to July 1, 2012-State-County/County Equivalent" (PEPCUMCHG) (March 14, 2013) <http://factfinder2.census.gov/bkmk/table/1.0/en/PEP/2012/PEPCUMCHG.ST05/0400000US15> and "Estimates of the Components of Resident Population Change for Counties of Hawaii: April 1, 2010 to July 1, 2012" (PEPTCOMP) (March 14, 2013) <http://factfinder2.census.gov/bkmk/table/1.0/en/PEP/2012/PEPTCOMP/0400000US15.05000> accessed March 14, 2013.

Table 1.60-- COMPONENTS OF CHANGE IN THE RESIDENT POPULATION, BY MILITARY STATUS: 2010 TO 2011

[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	17,828	-1,301	-5,214	24,343	19,474	100.0
Natural increase	11,700	-35	4,333	7,402	5,922	30.4
Live births	23,709	(X)	4,430	19,279	15,423	(X)
Deaths	12,009	35	97	11,877	9,502	(X)
Net mil. separations 2/	6,128	-1,266	-9,547	16,941	13,553	69.6
Net migration 3/						

X Not applicable.
1/ April 1, 2010 to June 30, 2011.
2/ Separations less inductions for armed forces.
3/ Includes error of closure.
Source: Hawaii State Department of Business, Economic Development, & Tourism, *State of Hawaii Data Book,* Table 1.03 (current edition); Department of Health, Office of Health Status Monitoring, records; and calculations by the Hawaii State Department of Business, Economic Development, & Tourism.

Table 1.61-- INTENDED RESIDENTS ARRIVING IN HAWAII, DOMESTIC AND INTERNATIONAL: 1997 TO 2012

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	54,441	46,942	7,499
2007	56,583	49,347	7,236
2008	52,679	46,107	6,572
2009	51,149	44,220	6,929
2010	53,624	46,587	7,037
2011	50,737	43,441	7,296
2012	50,846	44,082	6,764

Source: Hawaii State Department of Business, Economic Development & Tourism, Tourism Research Branch, records; Hawaii Tourism Authority, Tourism Research, records; U.S. Department of Homeland Security, Office of Immigration Statistics, Yearbook of Immigration Statistics (annual) <http://www.dhs.gov/files/statistics/publications/yearbook.shtm> accessed June 28, 2013.

Table 1.62-- LEGAL PERMANENT RESIDENTS, BY COUNTRY OF BIRTH: 2008 TO 2012

[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	2008	2009	2010	2011	2012
All countries	6,572	6,929	7,037	7,296	6,764
Brazil	78	85	53	53	48
Canada	102	95	94	84	103
Hong Kong	82	41	40	39	23
Japan	465	534	392	493	486
Korea	266	264	1/ 242	233	215
Mexico	91	66	71	53	74
People's Republic of China	795	605	595	864	764
Philippines	3,513	4,013	4,515	4,399	4,037
Samoa	39	46	38	60	40
Taiwan	65	53	47	46	39
Thailand	79	100	86	76	75
Tonga	67	61	42	51	39
Vietnam	210	213	146	158	152
Other countries	720	753	676	687	669

1/ Data withheld for North Korea to limit disclosure.

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) data tables including supplemental tables <http://www.dhs.gov/files/statistics/publications/yearbook.shtm> accessed May 6, 2013.

Table 1.63-- PERSONS NATURALIZED, BY COUNTRY OF FORMER ALLEGIANCE: 1998 TO 2012

[Fiscal year ending September 30]

Year	All countries	Japan	Korea	People's Republic of China	Philippines	Taiwan	Vietnam	Other countries 1/
1998	4,493	(NA)	362	299	2,083	(NA)	419	1,330
1999	3,600	(NA)	332	395	1,542	53	304	974
2000	4,372	(NA)	431	415	1,813	92	346	1,275
2001	2,885	(NA)	296	196	1,280	73	161	879
2002	2,884	121	309	235	1,265	64	124	766
2003	2,287	132	243	157	943	26	75	711
2004	2,050	112	220	132	825	26	83	652
2005	4,663	313	563	448	1,893	86	235	1,125
2006	5,276	250	502	408	2,140	80	195	1,701
2007	4,521	209	492	370	2,061	50	207	1,132
2008	5,205	234	354	348	2,766	70	204	1,229
2009	3,744	161	262	279	1,652	61	173	1,156
2010	3,190	110	187	222	1,378	36	114	1,143
2011	3,450	156	189	258	1,644	42	127	1,034
2012	3,144	142	185	205	1,553	32	116	911

NA Not available.

1/ Japan figures for 1998 through 2001 and the Taiwan figure for 1998 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) data tables including supplemental tables <http://www.dhs.gov/files/statistics/publications/yearbook.shtm> accessed May 6, 2013.

Table 1.64-- INMIGRATION SUMMARY, BY COUNTY: 2011

[Persons 1 year old and over. Based on place of residence 1 year ago.
Also based on a sample and subject to sampling variability]

Movement status	State total 1/	City and County of Honolulu	Hawaii County	Kauai County	Maui County
Total population	1,357,806	951,339	184,814	67,189	154,393
Same house (nonmovers)	1,160,948	809,164	164,361	59,718	127,634
Total movers into the area 2/	196,858	142,175	20,453	7,471	26,759
Movers within the U.S.	180,269	129,642	19,713	5,442	25,472
Movers within the same county	114,842	80,058	13,313	3,232	18,239
Inmigrants from one county within the state to another county within the state	7,885	3,638	2,030	121	2,096
Inmigrants from a different state	57,542	45,946	4,370	2,089	5,137
Abroad	16,589	12,533	740	2,029	1,287
In percent					
Same house (nonmovers)	85.5	85.1	88.9	88.9	82.7
Total movers into the area 2/	14.5	14.9	11.1	11.1	17.3
Movers within the U.S.	13.3	13.6	10.7	8.1	16.5
Movers within the same county	8.5	8.4	7.2	4.8	11.8
Inmigrants from one county within the state to another county within the state	0.6	0.4	1.1	0.2	1.4
Inmigrants from a different state	4.2	4.8	2.4	3.1	3.3
Abroad	1.2	1.3	0.4	3.0	0.8

1/ Kalawao County is included in the state total, but is not shown separately.
2/ Includes movers within the state, inmigrants from another state, and movers from abroad.
Source: U.S. Census Bureau, 2011 American Community Survey 1-Year Estimates, Social Data Profile <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed November 30, 2012.

Table 1.65-- INMIGRATION SUMMARY, BY AGE: 2011

[Persons 1 year old and over. Based on place of residence 1 year ago.
Also based on a sample and subject to sampling variability]

Age	Total population	Same house (non-movers)	Movers				
			Total movers 1/	Within same county	Different county/ same state	Different state	From abroad
Total	1,357,806	1,160,948	196,858	114,842	7,885	57,542	16,589
1-4	71,016	59,249	11,767	7,609	188	3,505	465
5-17	216,337	188,045	28,292	16,688	1,011	6,967	3,626
18-19	32,389	23,976	8,413	3,248	366	3,939	860
20-24	98,552	70,326	28,226	12,397	1,222	12,032	2,575
25-29	103,043	75,478	27,565	13,857	1,181	10,104	2,423
30-34	89,582	70,395	19,187	12,070	511	5,080	1,526
35-39	84,258	69,946	14,312	9,723	317	3,273	999
40-44	91,765	77,891	13,874	7,886	951	3,616	1,421
45-49	92,645	82,402	10,243	7,818	409	1,595	421
50-54	96,106	86,843	9,263	6,309	422	1,994	538
55-59	91,572	84,386	7,186	4,552	299	2,156	179
60-64	87,072	80,756	6,316	4,073	794	1,201	248
65-69	61,492	57,176	4,316	2,819	93	737	667
70-74	44,880	42,086	2,794	2,070	-	562	162
75+	97,097	91,993	5,104	3,723	121	781	479

1/ Includes movers within the state, inmigrants from another state, and movers from abroad.

Source: U.S. Census Bureau, 2011 American Community Survey 1-Year Estimates, B07001 <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed November 30, 2012; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.66-- SELECTED GENERAL CHARACTERISTICS OF DOMESTIC MIGRANTS AND NONMOVERS: 2011

[Based on place of residence 1 year ago. Also based on a sample and subject to sampling variability]

Subject	Total	Nonmovers	In-migrants 1/	Out-migrants 2/
In percent				
Gender				
(Population 1 year and over)				
Male	50.1	49.8	52.8	47.3
Female	49.9	50.2	47.2	52.7
Marital status				
(Population 15 years and over)				
Never married	32.5	30.8	42.3	39.4
Now married, except separated	50.5	51.8	47.3	47.2
Divorced or separated	10.8	10.6	9.1	11.7
Widowed	6.2	6.7	1.4	1.7
Educational attainment				
(Population 25 years and over)				
Less than high school graduate	9.4	9.6	4.6	4.4
High school graduate 3/	28.5	28.6	22.4	16.6
Some college or associate's degree	33.0	32.6	40.5	46.4
Bachelor's degree	19.2	19.2	21.6	20.2
Graduate or professional degree	9.9	10.0	10.9	12.4
Income of persons 4/				
(Population 15 years and over)				
No income	13.5	12.8	14.6	17.1
With income:	86.5	87.2	85.4	82.9
$1 to $9,999 or loss	15.8	15.2	19.5	23.9
$10,000 to $14,999	8.1	8.0	8.9	5.9
$15,000 to $24,999	14.1	13.8	19.0	12.6
$25,000 to $34,999	12.1	12.4	8.5	9.9
$35,000 to $49,999	14.1	14.5	12.5	12.3
$50,000 to $64,999	9.9	10.2	8.5	6.8
$65,000 to $74,999	3.1	3.3	2.7	3.9
$75,000 or more	9.4	9.8	5.8	7.6

Continued on next page.

Table 1.66-- SELECTED GENERAL CHARACTERISTICS OF DOMESTIC MIGRANTS AND NONMOVERS: 2011 -- Con.

Subject	Total	Nonmovers	In-migrants 1/	Out-migrants 2/
In percent				
Poverty status in the past 12 months (Population 1 year old and over for whom poverty status can be determined)				
Below 100	12.0	10.8	15.9	14.8
100 to 149	7.3	6.9	12.0	10.7
At or above 150	80.7	82.2	72.1	74.5
Tenure of householder in housing unit (Population 1 year & over in households)				
Owner-occupied	60.6	65.7	18.8	29.1
Renter-occupied	39.4	34.3	81.2	70.9
Population base for % categories above				
1 year and over	1,357,806	1,160,948	57,542	61,940
1 year and over for whom poverty status is determined	1,321,801	1,141,518	49,615	57,246
1 year and over in households	1,315,170	1,140,428	47,843	57,154
15 years and over	1,121,353	958,749	47,842	47,665
25 years and over	939,512	819,352	31,099	34,133

1/ Includes inmigrants to Hawaii coming from any of the 50 states and the District of Columbia.
2/ Includes outmigrants from Hawaii leaving for any of the 50 states and the District of Columbia.
3/ Includes equivalency.
4/ Individual income in the past 12 months (in 2011 inflation-adjusted dollars).
Source: U.S. Census Bureau, 2011 American Community Survey 1-Year Estimates <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed November 30, 2012; and calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

Table 1.67- TOP DOMESTIC INMIGRATION STATES: 2011

[Ranked by largest estimate. Population 1 year and over. State of residence in 2011 was Hawaii, but different state of residence in 2010. Data based on a sample]

Rank	State	Estimate	Margin of error 1/	% Estimate 2/	Margin of error for % 1/
	Total inmigrants 3/	57,542	+/-5,083	(X)	(X)
1	California	10,173	+/-2,201	17.7	+/-3.5
2	New York	4,246	+/-2,556	7.4	+/-4.4
3	Washington	3,790	+/-1,075	6.6	+/-1.8
4	Florida	3,160	+/-1,311	5.5	+/-2.2
5	Texas	3,007	+/-1,122	5.2	+/-1.9
6	Arizona	2,900	+/-1,208	5.0	+/-2.1
7	Virginia	2,523	+/-1,318	4.4	+/-2.3
8	Georgia	2,519	+/-956	4.4	+/-1.6
9	North Carolina	2,307	+/-1,256	4.0	+/-2.2
10	Oregon	2,030	+/-1,378	3.5	+/-2.4
11	Illinois	1,884	+/-728	3.3	+/-1.2
12	South Carolina	1,681	+/-919	2.9	+/-1.6
13	Nevada	1,548	+/-795	2.7	+/-1.4
14	Michigan	1,303	+/-1,067	2.3	+/-1.8
15	Alabama	1,268	+/-846	2.2	+/-1.5
16	Utah	1,040	+/-872	1.8	+/-1.5
17	Ohio	970	+/-677	1.7	+/-1.2
18	Colorado	950	+/-493	1.7	+/-0.8
19	Minnesota	933	+/-750	1.6	+/-1.3
20	Pennsylvania	870	+/-468	1.5	+/-0.8
21	Alaska	844	+/-670	1.5	+/-1.2
22	Delaware	784	+/-877	1.4	+/-1.5
23	Connecticut	731	+/-739	1.3	+/-1.3
24	Oklahoma	685	+/-502	1.2	+/-0.9
25	Tennessee	636	+/-1,018	1.1	+/-1.8
26	New Jersey	564	+/-697	1.0	+/-1.2

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 inmigrants to Hawaii coming from any of the 50 states and the District of.Columbia. Only states comprising of 1% or more of the total inmigrant population are listed in this table.

Source: U. S. Census Bureau, 2011 American Community Survey 1-Year Estimates, "Table 1. State-to-State Migration Flows*: 2011" <http://www.census.gov/hhes/migration/files/acs/st-to-st/State_to_State_Migrations_Table_2011.xls> accessed February 21, 2013; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.68-- TOP DOMESTIC OUTMIGRATION STATES: 2011

[Ranked by largest estimate. Population 1 year and over. State of residence in 2010 was Hawaii, but different state of residence in 2011. Data based on a sample]

Rank	State	Estimate	Margin of error 1/	% Estimate 2/	Margin of error for % 1/
	Total outmigrants 3/	61,940	+/-7,295	(X)	(X)
1	California	9,864	+/-2,683	15.9	+/-3.9
2	Texas	6,106	+/-2,623	9.9	+/-4.1
3	Washington	5,940	+/-2,264	9.6	+/-3.5
4	Nevada	4,093	+/-2,643	6.6	+/-4.2
5	Florida	3,639	+/-2,081	5.9	+/-3.3
6	Virginia	2,917	+/-1,400	4.7	+/-2.2
7	Oregon	2,491	+/-1,173	4.0	+/-1.8
8	Arizona	2,199	+/-1,109	3.6	+/-1.7
9	Colorado	1,852	+/-832	3.0	+/-1.3
10	North Carolina	1,806	+/-1,362	2.9	+/-2.2
11	Utah	1,701	+/-997	2.7	+/-1.6
12	Alaska	1,366	+/-703	2.2	+/-1.1
13	Illinois	1,269	+/-735	2.0	+/-1.2
14	Alabama	1,259	+/-1,292	2.0	+/-2.1
15	Maryland	1,170	+/-815	1.9	+/-1.3
16	Wisconsin	1,108	+/-1,597	1.8	+/-2.6
17	Indiana	1,057	+/-717	1.7	+/-1.1
18	Ohio	1,044	+/-694	1.7	+/-1.1
19	Georgia	1,006	+/-883	1.6	+/-1.4
20	New York	1,002	+/-973	1.6	+/-1.6
21	Minnesota	901	+/-634	1.5	+/-1.0
22	Missouri	871	+/-517	1.4	+/-0.8
23	Massachusetts	733	+/-860	1.2	+/-1.4
24	South Carolina	712	+/-626	1.1	+/-1.0
25	Louisiana	688	+/-808	1.1	+/-1.3
26	Michigan	630	+/-469	1.0	+/-0.7

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 states comprising of 1% or more of the total outmigrant population are listed in this table.

Source: U. S. Census Bureau, 2011 American Community Survey 1-Year Estimates, "Table 1. State-to-State Migration Flows*: 2011" <http://www.census.gov/hhes/migration/files/acs/st-to-st/State_to_State_Migrations_Table_2011.xls> accessed February 21, 2013; and 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 Economic Censuses. Long-term trends are traced in *Historical Statistics of Hawaii,* Section 2. Sections 2 and 3 of the *Statistical Abstract of the United States: 2012* contain data for the nation as a whole.

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(Click on the table number to go to corresponding table)

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(Click on the table number to go to corresponding table)

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Table 2.01-- BIRTHS AND DEATHS: 2000 TO 2011

[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/
2000	17,514	8,163	14.4	6.7	322.7	9.5	7.8
2001	17,043	8,252	13.9	6.7	330.7	11.4	6.2
2002	17,444	8,650	14.1	7.0	337.2	10.2	7.0
2003	18,066	8,850	14.4	7.1	335.3	10.6	7.6
2004	18,238	8,888	14.3	7.0	345.0	8.7	5.5
2005	17,882	8,988	13.8	7.0	362.3	8.1	6.9
2006	18,927	9,290	14.5	7.1	362.4	7.8	5.9
2007	19,085	9,314	14.5	7.1	370.7	10.1	6.3
2008	19,417	9,322	14.6	7.0	380.6	8.4	5.5
2009	18,843	9,676	14.0	7.2	379.8	10.3	6.1
2010	18,910	9,387	13.9	6.9	379.0	8.0	5.8
2011	18,911	9,682	13.7	7.0	375.2	8.6	5.0

1/ Based on July 1 estimates by the U.S. Census Bureau, as revised through December 2012. Rates for 2000 and beyond may differ from previous *Data Books* due to revisions to those population figures. Population estimates for 2000 through 2009 were revised based upon the April 1, 2010 figures which were released September 28, 2011.

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. Intercensal Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2010" (ST-EST00INT-01) (September 2011) <http://www.census.gov/popest/data/intercensal/state/tables/ST-EST00INT-01.xls> accessed September 28, 2011, "Table 1. Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2012" (NST-EST2012-01) (December 2012) <http://www.census.gov/popest/data/state/totals/2012/tables/NST-EST2012-01.xls> accessed December 20, 2012 and earlier population estimates; and calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

Table 2.02-- BIRTHS AND DEATHS, BY MILITARY STATUS: 2007 TO 2011

[Place of occurrence basis]

Subject	All groups	Armed forces	Civilians 1/			Armed forces and dependents
			All civilians	Military dependents	Other civilians	
Live births						
2007	19,153	-	19,153	3,030	16,123	3,030
2008	19,462	-	19,462	3,202	16,260	3,202
2009	18,891	-	18,891	3,043	15,848	3,043
2010	18,948	-	18,948	3,463	15,485	3,463
2011	18,971	-	18,971	3,571	15,400	3,571
Deaths						
2007	9,627	33	9,594	73	9,521	106
2008	9,572	48	9,524	78	9,446	126
2009	9,947	39	9,908	73	9,835	112
2010	9,654	32	9,622	79	9,543	111
2011	9,961	33	9,928	76	9,852	109
Birth rates 2/						
2007	13.4	0.0	13.7	52.5	12.0	32.7
2008	13.6	0.0	14.0	51.8	12.2	32.2
2009	13.1	0.0	13.4	52.8	11.8	32.0
2010	12.9	0.0	13.3	55.6	11.3	33.5
2011	12.7	0.0	13.1	59.7	11.1	35.3
Death rates 2/						
2007	6.7	0.9	6.9	1.3	7.1	1.1
2008	6.7	1.3	6.8	1.3	7.1	1.3
2009	6.9	1.0	7.1	1.3	7.3	1.2
2010	6.6	0.8	6.7	1.3	7.0	1.1
2011	6.7	0.8	6.9	1.3	7.1	1.1

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 resident population estimates by the U.S. Census Bureau as revised through December 2012.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records; Hawaii State Department of Business, Economic Development & Tourism, *State of Hawaii Data Book 2011,* Tables 1.03 and 1.04; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.03-- LIVE BIRTHS, STANDARD FETAL DEATHS, AND ELECTIVE ABORTIONS: 2000 TO 2011

[Place of residence basis]

Year	Total deliveries		Live births	Standard fetal deaths	Elective abortions
	Number	Rates per 1,000 resident population 1/			
2000	22,240	18.3	17,514	825	3,901
2001	21,764	17.8	17,043	759	3,962
2002	22,172	17.9	17,444	831	3,897
2003	22,509	18.0	18,066	862	3,581
2004	22,564	17.7	18,238	884	3,442
2005	22,303	17.3	17,882	897	3,524
2006	23,219	17.7	18,927	827	3,465
2007	23,731	18.0	19,085	942	3,704
2008	23,750	17.8	19,417	1,102	3,231
2009	23,201	17.2	18,843	1,046	3,312
2010	22,830	16.7	18,910	886	3,034
2011	22,480	16.3	18,911	940	2,629

1/ Based on July 1 estimates by the U.S. Census Bureau, as revised through December 2012. Rates for 2000 and beyond may differ from previous *Data Books* due to revisions to these population figures. Population estimates for 2000 through 2009 were revised based upon the April 1, 2010 figures which were released September 28, 2011.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records; U.S. Census Bureau, Population Division "Table 1. Intercensal Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2010" (ST-EST00INT-01) (September 2011) <http://www.census.gov/popest/data/intercensal/state/tables/ST-EST00INT-01.xls> accessed September 28, 2011 and "Table 1. Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2012" (NST-EST2012-01) (December 2012) <http://www.census.gov/popest/data/state/totals/2012/tables/NST-EST2012-01.xls> accessed December 20, 2012; and calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

Table 2.04-- BIRTHS AND DEATHS, BY RESIDENCE: 2003 TO 2011

[Place of occurrence basis]

Event and year	Total	Resident 1/	Nonresident and unknown
Births			
2003	18,141	18,066	75
2004	18,296	18,238	58
2005	17,922	17,882	40
2006	18,986	18,927	59
2007	19,153	19,085	68
2008	19,462	19,417	45
2009	18,891	18,843	48
2010	18,948	18,910	38
2011	18,971	18,911	60
Deaths			
2003	9,179	8,850	329
2004	9,252	8,888	364
2005	9,330	8,988	342
2006	9,622	9,290	332
2007	9,627	9,314	313
2008	9,572	9,322	250
2009	9,947	9,676	271
2010	9,654	9,387	267
2011	9,961	9,682	279

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: 2009 TO 2011

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

Subject	2009	2010	2011
Number of resident births	18,843	18,910	18,911
City and County of Honolulu	13,318	13,673	13,552
Percent on Oahu	70.7	72.3	71.7
Hawaii County	2,473	2,386	2,465
Kauai County	881	842	896
Maui County (incl. Kalawao)	2,171	2,009	1,998
Percent attended by M.D. or D.O. in hospital	92.5	91.5	89.6
Males per 100 females	105.0	109.3	106.0
Median weight of single births (grams) 1/	3,289	3,284	3,289
Percent low birth weight (under 2,500 grams) 1/	8.5	8.3	8.2
Percent single births under 40 weeks gestation	68.6	69.7	69.4
Percent plural	3.3	3.1	3.2
Percent with 1 or more congenital malformations	9.9	9.5	10.8
Percent to unmarried mothers	38.0	37.9	37.6
Percent with prenatal visit in first three months	78.8	78.8	81.2
Percent first child born to mother 2/	30.3	30.5	30.0
Percent first child born alive to mother	41.0	40.6	40.5
Median age of mothers (years)	28	28	28
Median age of known fathers (years)	30	30	30

1/ One gram is equal to 0.035273 of an ounce.
2/ 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: 2010

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

Type of rate	United States	Hawaii	Rank 1/
Birth rate 2/	13.0	14.0	10
Fertility rate 3/	64.1	72.4	8

1/ Among the 50 states and the District of Columbia, highest rate ranking 1.
2/ Per 1,000 estimated population.
3/ Number of births per 1,000 women aged 15 to 44 years estimated.
Source: U.S. National Center for Health Statistics, National Vital Statistics Reports (NVSR), *Births: Preliminary Data for 2010,* Vol. 60, No. 2, November 2011 <http://www.cdc.gov/nchs/data/nvsr/nvsr60/nvsr60_02.pdf> accessed May 28, 2013.

Table 2.07-- RESIDENT BIRTHS, MIXED AND UNMIXED RACE, BY MILITARY STATUS OF PARENT: 2011

[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	18,911	7,528	10,444	939	58.1
Military	3,556	2,401	1,089	66	31.2
Civilian	13,884	5,100	8,773	11	63.2
Status not reported	1,471	27	582	862	95.6

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". 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: 2011

[Place of occurrence basis. A total of 9,457 first names, including variant spellings, was reported for the 18,971 babies born in Hawaii in 2011]

Boys' names			Girls' names		
Rank	Name	Number	Rank	Name	Number
1	Noah	90	1	Sophia	67
2	Mason	89	2	Olivia	64
3	Elijah	80	3	Isabella	54
4	Aiden	71	4	Chloe	53
5	Ethan	68	4	Emma	53
5	Jacob	68	6	Ava	51
7	Alexander	60	7	Mia	45
8	Liam	59	8	Lily	44
8	Logan	59	9	Alexis	34
10	Isaiah	58	10	Abigail	31
			10	Maya	31

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

Table 2.09-- MOST COMMON SURNAMES ON BIRTH AND DEATH CERTIFICATES: 2011

Birth certificates			Death certificates		
Rank	Surname	Births	Rank	Surname	Deaths
1	Lee	81	1	Wong	64
2	Smith	75	2	Lee	57
3	Kim	57	3	Kim	54
4	Johnson	52	4	Chang	39
5	Miller	49	5	Chun	33
6	Williams	48	5	Nakamura	33
7	Wong	45	5	Oshiro	33
8	Martin	43	5	Smith	33
9	Garcia	41	9	Young	32
10	Rivera	39	10	Ching	30
			10	Lau	30

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, AND BY SEX AND RACE, 2000

[In years. Figures were revised from two decimal places in earlier *Data Books* to one decimal place]

Year	All races	Cau-casian	Chinese	Filipino	Hawaiian and Part-Hawaiian	Japanese	Korean	Samoan	Other
1910	44.0	54.8	54.2	(NA)	32.6	49.3	(NA)	(NA)	15.6
1920	45.7	56.5	53.8	28.1	33.6	50.5	(NA)	(NA)	28.4
1930	54.0	61.9	60.1	46.1	41.9	60.1	(NA)	(NA)	32.6
1940	62.0	64.0	65.3	56.9	51.8	66.3	(NA)	(NA)	59.5
1950	69.5	69.2	69.7	69.1	62.5	72.6	(NA)	(NA)	68.3
1960	72.4	72.8	74.1	71.5	64.6	75.7	(NA)	(NA)	62.2
1970	74.2	73.2	76.1	72.6	67.6	77.4	(NA)	(NA)	76.7
1980	77.9	75.8	81.7	79.3	71.8	80.9	(NA)	(NA)	79.0
1990	78.9	75.5	82.9	78.9	74.3	82.1	(NA)	(NA)	80.4
2000	80.5	79.0	86.1	80.9	74.3	82.8	81.4	72.8	(NA)
Male	77.5	76.7	83.5	78.0	71.5	79.7	78.3	71.1	(NA)
Female	83.6	81.7	88.7	85.9	77.1	88.7	83.6	74.6	(NA)

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; Chai Bin Park, Kathryn L. Braun, Brian Y. Horiuchi, Caryn Tottori, and Alvin T. Onaka, *Longevity Disparities in Multiethnic Hawaii: An Analysis of 2000 Life Tables* (Public Health Reports, Research Articles, Vol. 124, July-August 2009).

Table 2.11-- EXPECTATION OF LIFE AT BIRTH, BY SEX, FOR THE UNITED STATES AND HAWAII: 1920 TO 2010

[Average expectation of life in years]

Year of birth	United States			Hawaii 1/		
	Both sexes	Male	Female	Both sexes	Male	Female
1920	54.1	53.6	54.6	45.7	45.6	45.8
1930	59.7	58.1	61.6	54.0	52.7	55.9
1940	62.9	60.8	65.2	62.0	59.9	64.9
1950	2/ 68.2	2/ 65.6	2/ 71.1	69.5	67.8	71.7
1960	2/ 69.7	2/ 66.6	2/ 73.1	72.4	70.4	74.8
1970	70.8	67.1	74.7	74.2	72.1	76.4
1980	73.7	70.0	77.4	77.9	74.5	81.5
1990	75.4	71.8	78.8	78.9	75.9	82.1
2000	76.8	74.1	79.3	80.5	77.5	83.6
2001	3/ 77.0	3/ 74.3	3/ 79.5	(NA)	(NA)	(NA)
2002	3/ 77.0	3/ 74.4	3/ 79.6	(NA)	(NA)	(NA)
2003	3/ 77.2	74.5	3/ 79.7	(NA)	(NA)	(NA)
2004	3/ 77.6	3/ 75.0	3/ 80.1	(NA)	(NA)	(NA)
2005	3/ 77.6	3/ 75.0	3/ 80.1	(NA)	(NA)	(NA)
2006	3/ 77.8	3/ 75.2	3/ 80.3	(NA)	(NA)	(NA)
2007	3/ 78.1	3/ 75.5	3/ 80.6	(NA)	(NA)	(NA)
2008	3/ 78.2	75.6	80.6	(NA)	(NA)	(NA)
2009	78.5	76.0	80.9	(NA)	(NA)	(NA)
2010	78.7	76.2	81.0	(NA)	(NA)	(NA)

NA Not available.

1/ Figures were revised from two decimal figures in earlier *Data Books* to one decimal figure.

2/ Includes deaths of persons who were not residents of the 50 states and the District of Columbia.

3/ 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; Chai Bin Park, Kathryn L. Braun, Brian Y. Horiuchi, Caryn Tottori, and Alvin T. Onaka, *Longevity Disparities in Multiethnic Hawaii: An Analysis of 2000 Life Tables* " (Public Health Reports, Research Articles, Vol. 124, July-August 2009); 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* (annual) <http://www.cdc.gov/nchs/hus/previous.htm> accessed June 22, 2009; *Health, United States, 2009: With Special Feature on Medical Technology* (January 2010) <http://www.cdc.gov/nchs/hus.htm> accessed June 24, 2010; *Health, United States, 2010: With Special Feature on Death and Dying* (February 2011) <http://www.cdc.gov/nchs/data/hus/hus10.pdf> accessed June 1, 2011; *Health, United States, 2010: With Special Feature on Socioeconomic Status and Health* <http://www.cdc.gov/nchs/data/hus/hus11.pdf> accessed June 29, 2012; *Health, United States, 2011: With Special Feature on Emergency Care* <http://www.cdc.gov/nchs/data/hus/hus12.pdf> accessed June 4, 2013.

Table 2.12-- EXPECTATION OF LIFE AT BIRTH, BY SEX, BY COUNTY: 2008

[Average expectation of life in years. 2007-2009 average used to calculate the death rate]

County	Both sexes	Male	Female
State of Hawaii	81.1	78.3	83.9
Hawaii	79.6	76.5	82.8
Honolulu	81.6	78.8	84.1
Kauai	80.5	77.9	83.1
Maui 1/	80.7	77.8	83.6

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 2040 - DBEDT 2040 Series,* Tables A-27 to A-36 (March 2012) <http://dbedt.hawaii.gov/economic/data_reports/2040-long-range-forecast> accessed April 18, 2012 and records.

Table 2.13-- AVERAGE LIFETIME, BY SEX: 1959-61 TO 1999-2001

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
1999-2001 3/	80.23	77.17	83.65	1	1	1

NA Not available.

1/ Among the 50 states and the District of Columbia, 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.

3/ Average lifetime for all states combined was 76.86 years for both sexes combined, 74.13 years for males, and 79.47 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; *U.S. Decennial Life Tables for 1989-91,* Vol. II, *State Life Tables,* No. 12, *Hawaii* (March 1998), p. 4; *U.S. Decennial Life Tables for 1999-2001, State Life Tables, Hawaii,* p. 1 <http://www.cdc.gov/nchs/nvss/mortality/lewk4.htm> accessed June 23, 2012; and *U.S. Decennial Life Tables for 1999-2001, United States Life Tables,* Vol. 57 No. 1 (August 5, 2008) pp.7, 9 and 11 <http://www.cdc.gov/nchs/data/nvsr/nvsr57/nvsr57_01.pdf> accessed June 24, 2012.

Table 2.14-- SELECTED LIFE TABLE VALUES: 1999-2001

Age	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 to 1	80.23	77.17	83.65	100,000	100,000	100,000
1 to 2	79.79	76.78	83.18	99,297	99,207	99,372
5 to 6	75.86	72.86	79.24	99,208	99,111	99,291
10 to 11	70.90	67.89	74.28	99,164	99,069	99,243
15 to 16	65.94	62.95	69.31	99,094	98,976	99,197
20 to 21	61.09	58.13	64.41	98,870	98,672	99,061
25 to 26	56.28	53.39	59.52	98,537	98,213	98,882
30 to 31	51.49	48.65	54.65	98,166	97,713	98,655
35 to 36	46.71	43.92	49.82	97,719	97,157	98,324
40 to 41	41.99	39.23	45.06	97,109	96,423	97,843
45 to 46	37.35	34.64	40.36	96,221	95,351	97,143
50 to 51	32.83	30.19	35.76	94,898	93,732	96,120
55 to 56	28.48	25.93	31.29	92,912	91,284	94,618
60 to 61	24.32	21.91	26.97	89,967	87,620	92,402
65 to 66	20.42	18.17	22.87	85,653	82,239	89,131
70 to 71	16.79	14.76	19.02	79,489	74,566	84,336
75 to 76	13.52	11.75	15.48	70,870	64,111	77,422
80 to 81	10.64	9.14	12.31	59,314	50,818	67,775
85 to 86	8.19	6.97	9.55	45,089	35,602	55,063
90 to 91	6.18	5.22	7.23	29,582	20,718	39,809
95 to 96	4.58	3.86	5.36	15,544	9,160	24,023
100 to 101	3.35	2.84	3.91	5,879	2,720	11,002
105 to 106	2.45	2.10	2.82	1,382	461	3,339
109 to 110	1.92	1.66	2.18	272	65	847

Source: U.S. Department of Health and Human Services, National Center for Health Statistics, *U.S. Decennial Life Tables for 1999-2001, State Life Tables*, *Hawaii* <http://www.cdc.gov/nchs/nvss/mortality/lewk4.htm> accessed June 22, 2012.

Table 2.15-- SELECTED LIFE TABLE VALUES: 2008

[Average expectation of life in years. 2007-2009 average used to calculate the death rate]

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	81.1	78.3	83.9	100,000	100,000	100,000
1	80.6	77.9	83.3	99,414	99,326	99,508
5	76.7	74.0	79.3	99,323	99,220	99,433
15	66.8	64.1	69.4	99,206	99,077	99,344
25	57.1	54.5	59.6	98,667	98,325	99,025
35	47.5	45.1	49.8	97,905	97,204	98,605
45	38.2	35.9	40.3	96,400	95,226	97,560
55	29.3	27.3	31.2	93,078	90,940	95,227
65	21.0	19.3	22.5	86,879	83,277	90,568
75	13.5	12.3	14.5	74,768	68,879	80,705
85	7.3	6.6	7.8	50,970	42,280	59,212
95	3.5	3.1	3.7	13,724	9,316	17,911

Source: Hawaii State Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2040 - DBEDT 2040 Series* , Tables A-27 and A-28 (March 2012) <http://dbedt.hawaii.gov/economic/data_reports/2040-long-range-forecast> accessed June 8, 2012 and records.

Table 2.16-- CHARACTERISTICS OF RESIDENT DEATHS: 2009 TO 2011

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

Subject	2009	2010	2011
Number of resident deaths	9,676	9,387	9,682
City and County of Honolulu	6,789	6,681	6,792
Hawaii County	1,385	1,262	1,378
Kauai County	523	527	496
Maui County (incl. Kalawao)	979	917	1,016
Males per 100 females	120.3	119.9	115.0
Median age (years)	79	79	79
Centenarian deaths: Male	32	32	29
Female	77	76	80
Oldest (age in years): Male	105	108	106
Female	110	108	107
Percent married	39.7	40.0	39.8
Deaths under 1 year	110	107	91
Per 1,000 live births	5.8	5.7	4.8
Fetal deaths 1/	4,358	3,920	3,569
Per 1,000 deliveries	188	172	159
Fetal deaths, 20 or more weeks gestation 2/	193	140	150
Per 1,000 live births	10.2	7.4	7.9
Standard fetal deaths 3/	1,046	886	940
Elective abortions	3,312	3,034	2,629
Per 1,000 live births	175.8	160.4	139.0

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: 2011

[Place of residence basis]

Causes of death 1/	Both sexes	Males 2/	Females
Total deaths	9,682	5,179	4,503
Malignant neoplasm 3/	2,239	1,214	1,025
Stomach	81	44	37
Colon, rectum and anus	235	135	100
Pancreas	187	102	85
Trachea, bronchus and lung	531	301	230
Breast (Female)	107	-	107
Cervis uteri, corpus uteri and ovary	111	-	111
Prostate	98	98	-
Urinary tract	80	56	24
Non-Hodgkin's lymphoma	97	57	40
Leukemia	90	55	35
Other malignant neoplasms	622	366	256
Diabetes mellitus	259	141	118
Alzheimer's disease	194	69	125
Diseases of the heart	2,243	1,267	976
Hypertensive heart disease	64	40	24
Ischemic heart disease	1,169	711	458
Other forms of heart disease	1,010	516	494
Hypertension	93	43	50
Cerebrovascular disease	607	275	332
Other circulatory system diseases (Inc. Atherosclerosis)	95	45	50
Influenza/pneumonia	322	163	159
Chronic lower respiratory diseases	314	167	147
Chronic liver disease and cirrhosis	130	89	41
Nephritis and nephrosis	199	110	89
Perinatal conditions	53	25	28
Congenital anomalies	26	15	11
Symptoms and ill-defined conditions (Inc. Suddent Infant Death Syndrome)	144	50	94
Other diseases 4/	2,005	961	1,044
Motor vehicle accidents	100	76	24
All other and unspecified accidents and adverse effects	406	275	131
Intentional self-harm (suicide)	172	136	36
All other external causes	81	58	23

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, Syphilis, HIV Disease, Peptic Ulcer, Pregnancy, Childbirth and Puerperium.
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 2013

[Complete through June 3, 2013]

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
Fire	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
Motor vehicle	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
War, riots, etc.	Jan. 1790	Olowalu	U.S. ship fired on native canoes	> 100
War, riots, etc.	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.

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 2013

[Includes all accidents, natural disasters, and other events causing five or more deaths. Complete through June 4, 2013]

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
2011: April 8	Waikele, Oahu	Fireworks explosion	5
2011: Nov. 10	Eastern Molokai	Helicopter crash	5
2012: March 25	Kula, Maui	2-car auto crash	5
2013: Jan. 23	Pahala, Hawaii	2-car auto crash	5

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 2011

[Place of occurrence basis]

Method	1980	1990	2000	2009	2010	2011
All methods	5,204	7,055	8,511	9,947	9,654	9,961
Burial	2,343	2,798	2,767	2,416	2,322	2,375
Cremation	2,241	3,564	5,092	6,862	6,661	6,961
Removal	567	656	591	551	562	503
Medical science	-	-	40	94	91	102
All others 1/	53	37	21	24	18	20

1/ Includes entombment.

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

Table 2.21-- PERSONS ON THE STATE BLIND REGISTER, BY COUNTY, 2001 TO 2012, AND BY LEVEL OF VISUAL IMPAIRMENT, 2012

[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
2007	3,400	2,587	403	142	268
2008	3,519	2,675	424	147	273
2009	3,502	2/ 2,644	433	151	274
2010	3,643	2,744	462	159	278
2011	3,533	2,633	459	157	284
2012	3,331	2,527	373	154	277
LEVEL OF VISUAL IMPAIRMENT: 2012					
Total	3,331	2,527	373	154	277
Blind 3/	3,025	2,307	326	137	255
Visually impaired 4/	306	220	47	17	22

1/ Figures for June 30, 2002 reflect administrative efforts to register previously served but unregistered persons.

2/ Figures for June 30, 2009 reflect administrative efforts to delete deceased persons on the State Blind Register.

3/ 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.

4/ 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: 2011

[Excludes persons in institutions, military barracks, and Ni`ihau. Sample survey consisted of 14,968 people. Data were weighted based on the 2010 Census data]

Selected chronic conditions	Prevalence of condition 1/	Conditions per 1,000 persons 2/
Diabetes	98,206	71
Hypertension	235,016	171
High blood cholesterol	233,419	170
Asthma	131,250	95
Arthritis	115,742	84
Cancer	52,571	38
Heart	54,201	39
Lung	22,711	17

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-- SPECIFIED COMMUNICABLE DISEASES: 2007 TO 2011

[2011 data reported as of December 2012; earlier data not updated]

Disease	2007	2008	2009	2010	2011
Cases: 1/					
AIDS	96	101	90	82	63
Campylobacteriosis	531	657	548	734	836
E. coli 0157:H7	40	13	11	29	9
Fish poisoning 2/	40	62	40	31	31
Giardiasis	80	42	32	60	38
Gonorrhea	658	621	636	759	685
Hansen's Disease 3/	15	18	24	24	20
Hepatitis A	8	20	13	9	8
Hepatitis B (Acute)	18	7	6	6	6
Influenza 4/	603	1,806	7,764	7,181	8,660
Leptospirosis 5/	30	27	16	7	5
Malaria 6/	2	3	1	4	7
Measles (Rubeola) 6/	2	5	-	4	-
Meningitis, bacterial	10	5	5	1	4
Mumps 7/	2	4	5	5	3
Pertussis (whooping cough) 4/	19	20	46	66	59
Pneumococcal disease	111	99	107	117	99
Rubella 6/	-	-	-	-	-
Salmonellosis	313	269	338	331	332
Shigellosis	72	46	49	50	48
Syphilis (Primary & Secondary)	9	29	33	35	14
Tuberculosis	122	124	118	115	123
Deaths: 8/					
AIDS	21	19	10	13	15
Hansen's Disease	(9/)	(9/)	-	(9/)	-
Hepatitis A	-	-	-	-	-
Hepatitis B (Acute)	(9/)	(9/)	7	(9/)	5
Influenza	(9/)	(9/)	17	(9/)	(9/)
Leptospirosis	-	-	-	-	-
Meningitis, bacterial	-	(9/)	(9/)	(9/)	-
Pertussis (whooping cough)	-	-	(9/)	-	-
Pneumococcal disease	(9/)	(9/)	(9/)	(9/)	(9/)
Salmonellosis	(9/)	(9/)	-	(9/)	-
Shigellosis	-	-	-	-	-
Syphilis	-	-	-	-	(9/)
Tuberculosis	(9/)	7	6	5	(9/)

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Table 2.23--SPECIFIED COMMUNICABLE DISEASES: 2007 TO 2011 -- 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, 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 2.24-- HEALTH RISK BEHAVIORS AND CONDITIONS FOR PERSONS 18 YEARS AND OLDER, BY COUNTY: 2011

[Major changes were made for calendar year 2011 data which improved coverage bias, non-response bias and overall survey error. Therefore, the results of prior years may not be compared with the 2011 data Weighted percent of adults who reported the health risk behaviors or conditions. Ninety-five percent confidence interval in parenthesis, when available]

Risk factor	State	Honolulu	Hawaii	Kauai	Maui
Seatbelt non-use	1.3 (0.8- 1.9)	1.3 (0.7- 2.2)	0.8 (0.4- 1.5)	0.4 (0.1- 1.3)	2.3 (1.1- 4.4)
Binge drinking 1/	20.4 (18.9-22.0)	20.3 (18.3- 22.3)	21.5 (18.2- 25.2)	16.2 (12.2- 21.1)	21.5 (18.5- 25.0)
High cholesterol 2/	27.8 (26.4- 29.3)	29.0 (27.1- 31.0)	25.1 (22.3- 28.1)	24.9 (20.5- 29.9)	25.8 (22.9- 28.9)
Hypertension 3/	29.3	30.1	29.4	27.6	25.8
Lack of exercise 4/	20.6 (19.1-22.0)	21.1 (19.3- 23.1)	20.4 (17.5- 23.6)	17.0 (13.4- 21.2)	19.1 (16.2- 22.4)
Less vegetables 5/	80.6	81.7	79.6	75.7	79.3
Diabetes 6/	9.2	9.5	7.4	9.9	9.5
Asthma 7/	16.2 (14.9- 17.6)	16.3 (14.7- 18.2)	16.8 (14.1- 19.8)	14.9 (10.9- 20.0)	15.4 (12.7- 18.6)
Current smokers	16.8 (15.5- 18.3)	16.5 (14.8- 18.4)	19.1 (16.3- 22.2)	19.9 (15.0- 25.9)	14.8 (12.0- 18.1)
Overweight 8/	32.8 (31.2- 34.5)	33.1 (31.0- 35.2)	33.6 (30.2- 37.3)	32.3 (27.1- 38.0)	30.1 (26.8- 33.7)
Obese 9/	21.2	21.1	23.4	18.0	21.3

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Table 2.24-- HEALTH RISK BEHAVIORS AND CONDITIONS FOR PERSONS 18 YEARS AND OLDER, BY COUNTY: 2011 -- Con.

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

2/ Told by doctor, nurse or other health professional that their blood cholesterol was high.

3/ Told by doctor, nurse or other health professional that they have high blood pressure. Includes high blood pressure during pregnancy.

4/ Other than your regular job, did not participate in any physical activities or exercises during the past 30 days.

5/ Eat vegetables (including beans and peas) less than three times a day.

6/ Told by doctor or health professional that they have diabetes. Includes diabetes during pregnancy.

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

8/ 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.

9/ 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://hawaii.gov/health/statistics/brfss/brfss2011/subareas11.html> accessed June 5, 2013.

Table 2.25-- NUMBER AND BED CAPACITY OF STATE-APPROVED FACILITIES, BY TYPE OF FACILITY: 2000 TO 2010

[Excludes Tripler Army Medical Center. Figures based on facilities that reported their activity]

Category and year	Facilities			
	Total 1/	Acute care 2/	Long-term care 2/	Specialty care
Number of facilities				
2000	74	24	45	24
2001	73	21	45	22
2002	72	20	45	23
2003	68	20	45	19
2004	70	22	47	20
2005	68	21	49	17
2006	62	19	43	13
2007	63	19	46	13
2008	66	19	46	14
2009	69	20	49	14
2010	70	20	48	15
Number of licensed beds				
2000	7,759	2,561	4,115	1,088
2001	7,625	2,519	4,137	969
2002	7,623	2,462	4,184	977
2003	7,685	2,507	4,196	982
2004	7,612	2,464	4,234	914
2005	7,602	2,473	4,257	872
2006	7,233	2,503	3,960	770
2007	7,325	2,528	4,115	682
2008	7,326	2,532	4,013	781
2009	7,632	2,559	4,294	779
2010	7,747	2,573	4,305	869

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

2/ Acute/SNF swing beds are classified under long-term care.

Source: Hawaii State Department of Health, Hawaii State Health Planning & Development Agency, *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://hawaii.gov/shpda> accessed May 5, 2012 and June 22, 2012 and revised tables; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.26-- OCCUPANCY CHARACTERISTICS OF STATE-APPROVED ACUTE AND LONG-TERM CARE CIVILIAN FACILITIES: 2000 TO 2010

[Excludes Tripler Army Medical Center. Figures based on facilities that reported their activity]

Type of facility and year	Admissions	Average daily census	Average daily percent occupancy
Acute care 1/			
2000	104,273	1,711	66.8
2001	103,607	1,693	67.2
2002	109,354	1,703	69.2
2003	109,055	1,654	66.0
2004	113,066	1,631	66.2
2005	110,873	1,666	67.4
2006	109,540	1,698	67.8
2007	108,732	1,638	64.8
2008	106,132	1,554	61.4
2009	110,724	1,551	60.6
2010	112,166	1,534	59.6
Long-term care 1/			
2000	6,251	3,700	89.9
2001	6,263	3,781	91.4
2002	6,673	3,931	94.0
2003	7,468	3,903	93.0
2004	7,881	3,930	92.8
2005	8,393	3,985	93.6
2006	7,120	3,755	94.8
2007	7,630	3,859	93.8
2008	7,555	3,512	87.5
2009	8,502	3,627	84.5
2010	8,490	3,753	87.2

1/ Acute/SNF swing beds are classified under long-term care.

Source: State Health Planning & Development Agency, *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://hawaii.gov/shpda> accessed May 5, 2012 and June 21, 2012 and revised tables; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.27-- NUMBER AND BED CAPACITY OF STATE-APPROVED CIVILIAN FACILITIES, BY TYPE OF FACILITY, BY ISLAND: DECEMBER 2010

[Excludes Tripler Army Medical Center. Figures based on facilities that reported their activity. Care home data from the Office of Health Care Assurance which was previously displayed in this table may be found in a separate *Data Book* table]

Category and island	Facilities			
	Total 1/	Acute care 2/	Long-term care 2/	Specialty care
NUMBER OF FACILITIES				
State total	70	20	48	15
Oahu	46	11	30	12
Hawaii	10	3	9	-
Kauai	6	3	5	-
Maui	5	1	2	2
Molokai	2	1	1	1
Lanai	1	1	1	-
NUMBER OF LICENSED BEDS				
State total	7,747	2,573	4,305	869
Oahu	5,561	1,988	2,774	799
Hawaii	1,069	257	812	-
Kauai	427	100	327	-
Maui	645	213	378	54
Molokai	31	11	4	16
Lanai	14	4	10	-

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

2/ Acute/SNF swing beds are classified under long-term care.

Source: Hawaii State Department of Health, Hawaii State Health Planning and Development Agency, *Health Care Utilization Report 2010 Data* <http://hawaii.gov/shpda> accessed June 21, 2012; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.28-- NUMBER AND BED CAPACITY OF STATE-APPROVED ADULT CARE HOMES, BY TYPE OF FACILITY, BY ISLAND: 2010 TO 2012

[As of December 31]

Category and island	2010		2011		2012	
	Type I 1/	Type II 2/	Type I 1/	Type II 2/	Type I 1/	Type II 2/
NUMBER OF FACILITIES						
State total	473	23	475	27	458	27
Oahu	395	22	398	26	381	27
Hawaii	50	-	49	-	49	-
Kauai	15	1	14	1	14	-
Maui	10	-	10	-	10	-
Molokai	3	-	4	-	4	-
Lanai	-	-	-	-	-	-
NUMBER OF LICENSED BEDS 3/						
State total	2,244	393	2,254	431	2,174	429
Oahu	1,894	383	1,900	421	1,820	429
Hawaii	221	-	221	-	221	-
Kauai	66	10	65	10	65	-
Maui	48	-	48	-	48	-
Molokai	15	-	20	-	20	-
Lanai	-	-	-	-	-	-

1/ Five beds or fewer.
2/ More than five beds.
3/ All facilities and care home beds are licensed by the Office of Health Care Assurance.
Source: Hawaii State Department of Health, Office of Health Care Assurance, records.

Table 2.29-- OCCUPANCY CHARACTERISTICS OF STATE-APPROVED ACUTE AND LONG-TERM CARE CIVILIAN FACILITIES, BY ISLAND: 2010

[Excludes Tripler Army Medical Center. Figures based on facilities that reported their activity]

Type of facility and island	Admissions	Average daily census	Average daily percent occupancy
ACUTE CARE 1/			
State total	112,166	1,534	59.6
Oahu	83,646	1,208	60.8
Hawaii	12,217	126	48.9
Kauai	4,744	59	58.8
Maui	11,443	140	65.8
Molokai	102	1	9.4
Lanai	14	-	1.6
LONG-TERM CARE 1/			
State total	8,490	3,753	87.2
Oahu	5,777	2,399	86.5
Hawaii	1,459	739	91.1
Kauai	689	253	77.3
Maui	548	350	92.7
Molokai	13	3	69.6
Lanai	4	9	92.9

1/ Acute/SNF swing beds are classified under long-term care.

Source: Hawaii State Department of Health, Hawaii State Health Planning and Development Agency, *Health Care Utilization Report 2010 Data* <http://hawaii.gov/shpda> accessed June 21, 2012; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.30-- CHARACTERISTICS OF YOUTHS REGISTERED FOR STATE CHILD AND ADOLESCENT MENTAL HEALTH SERVICES: 2008 TO 2012

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

Subject	2008	2009	2010	2011	2012
Total	2,821	2,879	2,661	2,438	1,954
Youths registered with services procured 1/					
Number	1,555	1,518	1,389	1,197	1,230
Percent	55	53	52	49	63
Mean age (years)	14.0	14.0	14.1	13.9	14.2
Sex (%)					
Male	66	66	67	67	62
Female	34	34	33	33	38
County					
Hawaii	753	812	724	713	732
Honolulu	1,098	991	896	765	789
Kauai	687	728	694	679	160
Maui	206	229	223	178	185
Special populations 2/	76	118	123	102	87
Selected services procured (%) 3/					
Out-of-home	38.8	36.9	35.0	33.2	31.6
Out-of-state	0.6	0.4	0.4	0.6	0.5
Hospital residential	6.1	5.7	4.4	4.2	4.9
Community high risk	1.0	0.9	1.1	1.2	1.1
Community residential	14.7	13.0	13.6	12.4	11.1
Theraupeutic group home 4/	7.7	7.1	5.0	3.3	1.7
Theraupeutic foster home 4/	18.1	18.0	18.6	18.5	17.8
Intensive home & community	70.4	69.8	72.8	75.0	72.7
Multi-systemic therapy	19.8	17.7	18.9	21.9	19.7
Intensive in-home	55.1	56.8	58.6	58.6	56.3
Outpatient 5/	13.6	41.1	15.6	17.5	22.3
Supportive services 6/	27.6	22.1	13.6	14.0	12.9
Crisis stabilization	2.2	2.3	3.3	5.0	5.8

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Table 2.30-- CHARACTERISTICS OF YOUTHS REGISTERED FOR STATE CHILD AND ADOLESCENT MENTAL HEALTH SERVICES: 2008 TO 2012 -- Con.

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

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

3/ 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. Only selected service subgroups are shown.

4/ 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.

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

6/ 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), Annual Evaluation Presentation (annual), *Fiscal Year Annual Fact Book* (annual) and records <http://hawaii.gov/health/mental-health/camhd/library/pdf/rpteval/ge/index.html> accessed June 5, 2013.

Table 2.31-- ADULT PATIENTS SERVED BY STATE MENTAL HEALTH FACILITIES: 1998 TO 2011

Facilities and year	Persons active, Dec. 31	Admissions	Discharges	Persons served
Hawaii State Hospital				
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	192	217	202	367
2008	165	200	227	363
2009	191	200	185	348
2010	188	209	216	377
2011	185	201	207	372
State-supported outpatient community mental health centers				
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 1/	4,073	2,540	4,108	7,998
2008 1/	3,895	2,960	3,348	7,153
2009 1/	3,475	3,463	4,079	6,670
2010 1/	3,496	2,925	2,997	5,810
2011 1/	2,996	2,473	2,815	4,392

1/ Beginning in 2007, the methodology was changed to include persons seen only for assessment or eligibility determination.

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

Table 2.32-- HAWAII STATE HOSPITAL BEDS AND OCCUPANCY: 2000 TO 2012

[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
2000	168	137	122	151	149
2001	168	183	88	158	157
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
2008	202	226	99	193	179
2009	202	192	75	174	183
2010	202	230	87	192	186
2011	202	220	75	185	180
2012	202	277	118	190	199

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 2012, about 4.4 percent of the patients were on leave or absent without leave.

Source: Hawaii State Hospital, records.

Table 2.33-- HANSEN'S DISEASE PATIENTS REGISTERED: 2007 TO 2011

Subject	2007	2008	2009	2010	2011
Patients on register, Dec. 31	241	245	255	272	285
Department of Health, Hansen's Disease Community Program 1/	213	222	236	254	268
Kalaupapa	28	23	19	18	17
New cases	16	18	26	24	20
Deaths	2	5	4	1	1

1/ Patients are registered to this community program, but reside at home.
Source: Hawaii State Department of Health, Hansen's Disease Community Program, records.

Table 2.34-- ESTIMATED USE OF SELECTED SUBSTANCES, FOR THE UNITED STATES AND HAWAII: 2009-2010 AND 2010-2011

[Data in this table are annual averages based on the 2009-2010 and the 2010-2011 National Survey on Drug Use and Health. Current users are those persons 12 years old and over who used drugs at least once within the month prior to this study. The numbers in this table are based on national design-based estimates]

Subject and geographic area	Any illicit drug 1/	Mari-juana	Any illicit drug other than mari-juana 1/	Ciga-rettes	Binge alcohol 2/
2009-2010					
Estimated current users (1,000)					
United States	22,291	17,119	9,106	58,524	59,113
Hawaii	102	83	37	207	249
Current users as percent of population					
United States	8.8	6.8	3.6	23.2	23.4
Hawaii	9.7	7.9	3.6	19.8	23.7
2010-2011					
Estimated current users (1,000)					
United States	22,553	17,741	8,518	57,569	58,440
Hawaii	95	75	33	218	250
Current users as percent of population					
United States	8.8	6.9	3.3	22.5	22.9
Hawaii	8.8	6.9	3.1	20.1	23.1

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. These estimates include data from original methamphetamine questions but do not include new methaphetamine items added in 2005 and 2006.

2/ Binge alchohol 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. Department of Health and Human Services, Substance Abuse and Mental Health Services, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2009-2010 <http://www.samhsa.gov/data/NSDUH/2k10State/NSDUHsae2010/> accessed May 28, 2013 and 2010-2011 <http://www.samhsa.gov/data/NSDUH/2k11State/NSDUHsae2011/> accessed May 28, 2013.

Table 2.35-- PREVALENCE OF VARIOUS SUBSTANCES WITH STUDENTS IN THE STATE OF HAWAII, 2007 AND 2011, AND UNITED STATES, 2011

[In percentages]

Substance	Hawaii		U.S.
	2007	2011	2011
Used marijuana in the past 30 days	15.7	21.9	23.1
Ever used any form of cocaine	5.6	6.4	6.8
Glue, aerosol spray can, or paints/spray use 1/	11.4	9.7	11.4
Ever used methamphetamines	4.5	3.4	3.8
Ever used ectasy	4.6	9.0	8.2
Ever used prescription drugs without a doctor's prescription	(NA)	14.3	20.7
Alcohol use 2/	29.1	29.1	38.7
Binge drinking 3/	14.9	15.4	21.9
Ever tried any form of tobacco	43.7	33.5	(NA)

NA Not available.

1/ Ever sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high.

2/ Had at least one drink of alcohol on at least 1 day in the past 30 days.

3/ Had five or more drinks of alcohol in a row within a couple of hours on at least 1 day in the past 30 days.

Source: Hawaii Department of Education, Hawaii Department of Health, and the University of Hawaii's Curriculum Research & Development Group "*Hawaii Youth Risk Behaviors Hawaii School Health Survey - Survey Results 2011 - State of Hawaii Public High School Report*" and the Hawaii Youth Tobacco Survey.

Table 2.36-- PHYSICIANS, DENTISTS, NURSES, AND PHARMACISTS LICENSED IN HAWAII, BY PLACE OF ADDRESS: JULY 16, 2012

[Excludes inactive licenses]

Place of address	Physicians and surgeons 1/	Dentists	Registered nurses	Pharmacists
Total licensed	8,587	1,482	19,647	2,099
State of Hawaii	4,467	1,055	13,644	1,195
Hawaii	449	104	1,609	142
Maui	381	89	1,294	106
Lanai	4	1	16	-
Molokai	11	4	30	3
Oahu	3,436	819	10,056	879
Kauai	186	38	639	65
Mainland U.S.	4,059	407	5,899	899
Foreign	61	20	103	5
Other	-	-	1	-

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, <http://hawaii.gov/dcca/areas/pvl/main/reports/pvl_geo/> accessed October 26, 2012; calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

Table 2.37-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS (NAICS 62), BY KIND OF BUSINESS OR OPERATION: 2007

[Includes establishments with payroll. Statistics based on the 2007 North American Industry Classification System (NAICS) which replaced the 2002 NAICS used in the 2002 Economic Census. The Standard Industrial Classification (SIC) system was used in Economic Censuses prior to 1997]

NAICS code	Kind of business or operation	Establishments (number)	Receipts/revenues ($1,000)	Expenses ($1,000)	Annual payroll ($1,000)	Paid employees for pay period including March 12 (number)
62	Health care and social assistance	3,484	6,565,022	(1/)	2,721,415	63,640
621	Ambulatory health care services 2/	2,713	2,912,379	(1/)	1,220,571	25,386
6211	Offices of physicians	1,178	1,176,892	(1/)	533,714	7,475
6212	Offices of dentists	689	450,756	(1/)	172,560	4,103
6213	Offices of other health practitioners	518	215,674	(1/)	88,523	2,979
6214	Outpatient care centers	165	569,893	(1/)	223,771	5,194
6215	Medical and diagnostic laboratories	53	222,853	(1/)	81,719	1,775
6216	Home health care services	65	120,117	(1/)	68,463	2,872
6219	Other ambulatory health care service	45	156,194	(1/)	51,821	988
622	Hospitals	27	2,614,909	(1/)	1,068,334	20,414
6221	General medical and surgical	20	2,248,138	(1/)	909,026	17,434
6222	Psychiatric and substance abuse	2	(D)	(1/)	(D)	(3/)
6223	Specialty (except psychiatric and substance abuse)	5	(D)	(1/)	(D)	(4/)
623	Nursing and residential care facilities	128	469,916	(1/)	192,023	6,475
6231	Nursing care facilities	38	293,365	(1/)	122,930	3,851
6232	Residential mental retardation, mental health and substance abuse facility	44	(D)	(1/)	(D)	(4/)
6233	Community care facilities for elderly	39	92,873	(1/)	32,800	1,393
6239	Other residential care facilities	7	(D)	(1/)	(D)	(5/)
624	Social assistance	616	567,818	(1/)	240,487	11,365
6241	Individual and family services	277	337,153	(1/)	147,915	6,905
6242	Community food and housing, and emergency & other relief services	70	83,811	(1/)	21,751	780
6243	Vocational rehabilitation services	67	63,327	(1/)	30,019	1,432
6244	Child day care services	202	83,527	(1/)	40,802	2,248

Continued on next page.

Table 2.37-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS (NAICS 62), BY KIND OF BUSINESS OR OPERATION: 2007 -- Con.

NAICS code	Kind of business or operation	Establishments (number)	Receipts/ revenues ($1,000)	Expenses ($1,000)	Annual payroll ($1,000)	Paid employees for pay period including March 12 (number)
	Establishments exempt from federal income tax					
62	Health care and social assistance	706	3,586,410	3,486,346	1,477,279	34,617
621	Ambulatory health care services 2/	134	472,535	475,147	194,599	4,955
6214	Outpatient care centers	106	349,369	355,704	148,766	3,660
6216	Home health care services	16	(D)	(D)	(D)	(3/)
6219	Other ambulatory health care service	12	(D)	(D)	(D)	(6/)
622	Hospitals	25	(D)	(D)	(D)	(7/)
6221	General medical and surgical	18	(D)	(D)	(D)	(7/)
6222	Psychiatric and substance abuse	2	(D)	(D)	(D)	(3/)
6223	Specialty (except psychiatric and substance abuse)	5	(D)	(D)	(D)	(4/)
623	Nursing and residential care facilities	61	(D)	(D)	(D)	(8/)
6231	Nursing care facilities	7	75,165	71,149	33,636	960
6232	Residential mental retardation, mental health and substance abuse facility	41	(D)	(D)	(D)	(4/)
6233	Community care facilities for elderly	7	(D)	(D)	(D)	(3/)
6239	Other residential care facilities	6	(D)	(D)	(D)	(9/)
624	Social assistance	486	(D)	(D)	(D)	(10/)
6241	Individual and family services	199	244,230	226,589	108,082	4,115
6242	Community food and housing, and emergency & other relief services	62	(D)	(D)	(D)	(3/)
6243	Vocational rehabilitation services	53	(D)	(D)	(D)	(3/)
6244	Child day care services	172	70,872	64,802	34,808	1,974

Continued on next page.

Table 2.37-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS (NAICS 62), BY KIND OF BUSINESS OR OPERATION: 2007 -- 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/ 100 to 249 employees.

6/ 250 to 499 employees.

7/ 10,000 to 24,999 employees.

8/ 2,500 to 4,999 employees.

9/ 20 to 99 employees.

10/ 5,000 to 9,999 employees.

Source: U.S. Census Bureau, 2007 Economic Census, Sector 62: Health Care and Social Assistance, Geographic Area Series, EC0762A1: Summary Statistics for the U.S, States, Metro and Micro Areas, Metro Divisions, Consolidated Cities, Counties and Place <http://factfinder.census.gov/servlet/IBQTable?_bm=y&-filter=OPTAX;in;A,Y&-sortkey2=&-defOrder=Y&-sortkey1=&-sortkey0=&-ds_name=EC0762A1&-NAICS2007=62|621|6211|6212|6213|6214|6215|6216|6219|622|6221|6222|6223|623|6231|6232|6233|6239|624|6241|6242|6243|6244&-ib_type=NAICS2007&-NAICS2007sector=*4&-geo_id=04000US15&-dataitem=GEO_ID$|NAICS2007|NAICS2007$|OPTAX$|FOOTID|ESTAB|RCPTOT|OPEX|PAYANN|EMP&-search_results=ALL&-_lang=en&-fds_name=EC0700A1> accessed June 9, 2010.

Table 2.38-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS (NAICS 62), FOR COUNTIES AND SELECTED URBAN PLACES: 2007

[Includes establishments with payroll. Statistics based on the 2007 North American Industry Classification System (NAICS) which replaced the 2002 NAICS used in the 2002 Economic Census. The Standard Industrial Classification (SIC) system was 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	3,484	6,565,022	2,721,415	63,640
Hawaii County	452	623,349	271,831	7,285
Hilo	221	348,459	154,055	4,211
Holualoa	16	11,356	4,462	87
Kailua	64	65,983	24,057	750
Kalaoa	4	1,345	413	9
Waimea	26	61,807	26,470	581
Balance of Hawaii County	121	134,399	62,374	1,647
Honolulu County	2,473	5,055,422	2,047,884	47,727
Ahuimanu	2	(D)	(D)	(1/)
Aiea	53	24,942	9,438	278
Ewa Beach	19	(D)	(D)	(2/)
Halawa	14	12,281	4,574	176
Honolulu	1,580	3,781,423	1,507,091	33,853
Kailua	133	88,334	40,918	1,090
Kaneohe	98	163,167	77,511	1,917
Kaneohe Station	1	(D)	(D)	(3/)
Maili	2	(D)	(D)	(3/)
Makaha	9	9,793	4,609	183
Makakilo City	6	(D)	(D)	(1/)
Mililani Town	33	26,411	11,896	290
Nanakuli	9	9,835	4,418	96
Pearl City	39	49,302	20,691	477
Schofield Barracks	2	(D)	(D)	(1/)
Village Park	3	1,053	421	27
Wahiawa	41	76,389	31,704	860

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Table 2.38-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS (NAICS 62), FOR COUNTIES AND SELECTED URBAN PLACES: 2007 -- Con.

Geographic area	Establishments (number)	Receipts ($1,000)	Annual payroll ($1,000)	Paid employees for pay period including March 12 (number)
Honolulu County (con.)				
Waianae	26	59,623	31,969	742
Waimalu	136	243,930	92,540	1,829
Waipahu	83	72,305	28,146	855
Waipio	10	(D)	(D)	(4/)
Balance of Honolulu County	174	391,651	160,941	4,542
Kauai County	172	266,450	119,652	2,729
Kapaa	23	18,669	12,397	237
Lihue	64	162,984	74,228	1,737
Balance of Kauai County	85	84,797	33,027	755
Maui County	387	619,801	282,048	5,899
Haiku-Pauwela	7	2,319	699	16
Kahului	96	159,272	64,950	1,529
Kihei	39	31,602	11,764	385
Lahaina	19	16,499	6,232	140
Makawao	13	6,262	2,793	84
Napili-Honokowai	7	(D)	(D)	(1/)
Pukalani	10	(D)	(D)	(1/)
Wailea-Makena	3	(D)	(D)	(3/)
Wailuku	121	343,298	169,115	2,990
Island of Lana'i	8	4,514	1,583	43
Island of Moloka'i 5/	25	18,879	8,289	304
Balance of Maui County	39	(D)	(D)	(4/)

D Withheld to avoid disclosing data of individual companies; data are included in higher level totals.
1/ 20 to 99 employees.
2/ 100 to 249 employees.
3/ 0 to 19 employees.
4/ 250 to 499 employees.
5/ For statistical reasons, data for the island of Molokai may also include an unknown number of businesses physically located in the small portion of Molokai that is actually in Kalawao County.

Source: U.S. Census Bureau, 2007 Economic Census, Health Care and Social Assistance, Geographic Area Series, EC0762A1: Summary Statistics for the U.S, States, Metro and Micro Areas, Metro Divisions, Consolidated Cities, Counties and Place <http://factfinder.census.gov/servlet/EconSectorServlet?caller=dataset&sv_name=*&_SectorId=62&ds_name=EC0700A1&_lang=en&_ts=295189347264> accessed June 9, 2010.

Table 2.39-- MARRIAGES AND DIVORCES: 2000 TO 2011

[Place of occurrence basis]

Calendar year	Marriages		Divorces and annul-ments 2/	Rates per 1,000 resident population 3/		Percent of marriages	
	Total	Resident 1/		Resident marriages	Divorces, annul-ments 2/	Nonresi-dent 4/	Inter-racial 5/
2000	25,376	9,217	4,716	7.6	3.9	63.7	43.4
2001	24,477	9,126	4,857	7.4	4.0	62.7	6/ 55.7
2002	25,795	8,914	4,798	7.2	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/)	7.2	(X)	68.0	6/ 56.0
2005	29,272	9,358	(7/)	7.2	(X)	68.0	6/ 54.7
2006	28,681	9,300	(7/)	7.1	(X)	67.6	6/ 53.7
2007	27,346	9,401	(7/)	7.1	(X)	65.6	6/ 55.1
2008	25,464	9,643	(7/)	7.2	(X)	62.1	6/ 54.1
2009	23,169	9,017	(7/)	6.7	(X)	61.1	6/ 53.1
2010	23,918	9,117	(7/)	6.7	(X)	61.9	6/ 53.4
2011	24,177	8,907	(7/)	6.5	(X)	63.2	6/ 55.2

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 December 2012. Rates for 2000 and beyond may differ from previous *Data Books* due to revisions to these population figures. Population estimates for 2000 through 2009 were revised based upon the April 1, 2010 figures which were released September 28, 2011.

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 Office of Health Status Monitoring, records; U.S. Census Bureau, Population Division "Table 1. Intercensal Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2010" (ST-EST00INT-01) (September 2011) <http://www.census.gov/popest/data/intercensal/state/tables/ST-EST00INT-01.xls> accessed September 28, 2011, "Table 1. Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2012" (NST-EST2012-01) (December 2012) <http://www.census.gov/popest/data/state/totals/2012/tables/NST-EST2012-01.xls> accessed December 20, 2012 and earlier population estimates; and calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

Table 2.40-- 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 2.41-- CHARACTERISTICS OF MARRIAGES: 2008 TO 2011

[Place of occurrence basis]

Subject	2008	2009	2010	2011
MARRIAGES				
Number	25,464	23,169	23,918	24,177
Percent on Oahu	48.9	50.5	50.1	49.6
Percent Hawaii residents				
Both bride and groom	33.7	34.1	33.5	32.6
One partner only	4.2	4.8	4.6	4.2
Neither bride nor groom	62.1	61.1	61.9	63.2
Median age (years)				
Groom	33	33	33	34
Bride	30	31	31	31
Percent previously married				
Groom	35.9	35.9	36.0	36.8
Bride	34.9	34.6	34.3	35.3

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

Table 2.42-- MARRIAGES, RESIDENT AND NONRESIDENT, BY RACE MIXTURE AND TYPE OF CEREMONY: 2011

[Place of occurrence basis]

Race mixture and type of ceremony	Total	At least one partner Hawaii resident	Both partners nonresidents
All marriages	24,177	8,907	15,270
Race of partners			
Both partners same race 1/	14,855	3,500	11,355
Different race 2/	6,698	4,320	2,378
Percent different race 3/	31.1	55.2	17.3
Not reported 4/	2,624	1,087	1,537
Type of ceremony			
Civil ceremony	3,239	2,836	403
Religious ceremony	20,938	6,071	14,867

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 2.43-- MARITAL DISSOLUTION: 2000 TO 2011

[Place of residence basis]

Subject	2000	2010	2011	Percent		
				2000	2010	2011
Married couples	216,077	1/ 224,402	1/ 229,641	100.0	100.0	100.0
Marriages ended 2/	8,365	(NA)	(NA)	3.9	(X)	(X)
By divorce 2/	4,707	(3/)	(3/)	2.2	(X)	(X)
By death	3,658	3,757	3,849	1.7	1.7	1.7
Husbands	2,574	2,672	2,676	1.2	1.2	1.2
Wives	1,084	1,085	1,173	0.5	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 in 2010, the lower bound of the 90 percent confidence interval is 218,877 while the upper bound is 229,927. For the number of married-couples in 2011, the lower bound of the 90 percent confidence interval is 223,370 while the upper bound is 235,912.

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. Census Bureau, Census 2000 Summary File 3 Hawaii (September 25, 2002) and the American Community Survey, "DP02 Selected Social Characteristics in the United States - Hawaii, 2010 American Community Survey 1-Year Estimates" (September 2011) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed September 22, 2011 and American Community Survey, "DP02 Selected Social Characteristics in the United States - Hawaii, 2011 American Community Survey 1-Year Estimates" (September 2012) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed September 20, 2012.

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: 2012* presents comparable information for the nation as a whole.

Table Number **Table Name**

(Click on the table number to go to corresponding table)

Narrative

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Table 3.01-- SCHOOL ENROLLMENT, BY TYPE OF SCHOOL AND AGE BY SEX: 2011

Subject	Total	Male	Female
TYPE OF SCHOOL			
Persons 3 years and over enrolled	1,323,495	662,177	661,318
Enrolled in nursery school, preschool	19,353	10,045	9,308
Public school	8,316	4,403	3,913
Enrolled in kindergarten	16,286	8,972	7,314
Public school	13,574	7,383	6,191
Enrolled in grade 1 to grade 4	65,446	33,812	31,634
Public school	55,219	29,228	25,991
Enrolled in grade 5 to grade 8	64,970	32,712	32,258
Public school	53,207	26,963	26,244
Enrolled in grade 9 to grade 12	69,938	35,055	34,883
Public school	56,385	29,064	27,321
Enrolled in college undergraduate years	83,109	38,317	44,792
Public school	61,125	29,142	31,983
Enrolled in graduate or professional school	17,622	7,184	10,438
Public school	10,330	4,830	5,500
AGE			
Persons 3 years and over enrolled	1,323,495	662,177	661,318
3 and 4 years	36,705	18,965	17,740
Public school	9,057	4,920	4,137
5 to 9 years	81,643	43,094	38,549
Public school	65,074	34,692	30,382
10 to 14 years	83,794	41,725	42,069
Public school	66,603	33,754	32,849
15 to 17 years	50,900	24,910	25,990
Public school	39,130	19,752	19,378
18 and 19 years	32,389	16,216	16,173
Public school	14,853	7,589	7,264
20 to 24 years	98,552	54,758	43,794
Public school	26,625	12,489	14,136
25 to 34 years	192,625	100,023	92,602
Public school	20,656	10,474	10,182
35 years and over	746,887	362,486	384,401
Public school	16,158	7,343	8,815

Source: U.S. Census Bureau, 2011 American Community Survey 1-Year Estimates, "B14003. Sex by School Enrollment by Type of School by Age for the Population 3 Years and Over" and "B14002. Sex by School Enrollment by Level of School by Type of School for the Population 3 Years and Over" <http://factfinder2.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t> accessed May 20, 2013; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 3.02-- EDUCATIONAL ATTAINMENT BY SEX: 2011

Age and educational attainment	Total	Male	Female
Persons 18 to 24 years	130,941	70,974	59,967
Less than 9th grade	1,756	1,206	550
9th to 12th grade, no diploma	11,464	6,611	4,853
High school graduate, GED, or alternative	49,851	30,914	18,937
Some college, no degree	52,670	25,635	27,035
Associate's degree	5,340	2,816	2,524
Bachelor's degree	9,544	3,544	6,000
Graduate or professional degree	316	248	68
Persons 25 to 34 years	192,625	100,023	92,602
Less than 9th grade	2,027	1,345	682
9th to 12th grade, no diploma	8,977	5,468	3,509
High school graduate, GED, or alternative	53,514	32,731	20,783
Some college, no degree	51,714	26,720	24,994
Associate's degree	21,349	10,718	10,631
Bachelor's degree	40,483	17,734	22,749
Graduate or professional degree	14,561	5,307	9,254
Persons 35 to 44 years	176,023	89,280	86,743
Less than 9th grade	2,153	940	1,213
9th to 12th grade, no diploma	7,439	4,332	3,107
High school graduate, GED, or alternative	47,026	25,781	21,245
Some college, no degree	44,599	22,766	21,833
Associate's degree	23,126	12,477	10,649
Bachelor's degree	34,909	15,424	19,485
Graduate or professional degree	16,771	7,560	9,211
Persons 45 to 64 years	367,395	183,074	184,321
Less than 9th grade	12,849	6,126	6,723
9th to 12th grade, no diploma	16,079	8,304	7,775
High school graduate, GED, or alternative	96,768	49,246	47,522
Some college, no degree	87,066	44,765	42,301
Associate's degree	39,588	18,399	21,189
Bachelor's degree	74,943	36,255	38,688
Graduate or professional degree	40,102	19,979	20,123

Continued on next page.

Table 3.02-- EDUCATIONAL ATTAINMENT BY SEX: 2011 -- Con.

Age and educational attainment	Total	Male	Female
Persons 65 years and over	203,469	90,132	113,337
Less than 9th grade	24,033	8,609	15,424
9th to 12th grade, no diploma	14,831	5,978	8,853
High school graduate, GED, or alternative	70,155	28,650	41,505
Some college, no degree	32,808	14,818	17,990
Associate's degree	10,137	4,427	5,710
Bachelor's degree	29,896	15,271	14,625
Graduate or professional degree	21,609	12,379	9,230

Source: U.S. Census Bureau, 2011 American Community Survey 1-Year Estimates, "B15001. Sex by Age by Educational Attainment for the Population 18 Years and Over" <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_11_1YR_B15001&prodType=table> accessed May 20, 2013; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 3.03-- YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS OLD AND OVER: 1940 TO 2011

Year	Percent high school graduate or higher 1/	Percent bachelor's degree or higher 2/
1940	20.5	5.3
1950	31.6	6.1
1960	46.1	9.0
1970	61.9	14.0
1980	73.8	20.3
1990	80.1	22.9
2000	84.6	26.2
2005	88.1	27.9
2006	89.0	29.7
2007	89.4	29.2
2008	90.3	29.1
2009	90.4	29.6
2010	89.9	29.5
2011	90.6	29.1

1/ Before 1990, percent 4 years of high school or more.

2/ Before 1990, percent 4 years of college or more.

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 and U.S. Census Bureau, American Community Survey Office, American Community Survey "Hawaii - Selected Social Characteristics in the United States" (annual) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed May 20, 2013.

Table 3.04-- EDUCATIONAL ATTAINMENT OF PERSONS 25 YEARS OLD AND OVER, BY COUNTY: 2011

Subject	State total	Hawaii	Honolulu	Kauai	Maui
Population 25 years and over	939,512	129,690	652,231	48,275	109,245
Percent					
High school graduate or higher	90.6	90.1	90.6	91.2	90.8
With bachelor's degree or higher	29.1	22.9	30.7	28.0	27.4

Source: U.S. Census Bureau, 2011 American Community Survey 1-Year Estimates, "Selected Social Characteristics in the United States: 2011" <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid= ACS_11_1YR_DP02&prodType=table> accessed May 20, 2013.

Table 3.05-- YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS OLD AND OVER, FOR THE UNITED STATES AND HAWAII: 2011

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	206,472	85.9	0.1	28.5	0.1
Hawaii	940	90.6	0.5	29.1	0.9
Rank 1/	42	2/ 10	(X)	19	(X)

X Not applicable.
1/ Among the 50 states and District of Columbia.
2/ Tied for 10 with Iowa and South Dakota.
Source: U.S. Census Bureau, 2011 American Community Survey
<http://factfinder2.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t> accessed April 11, 2013.

Table 3.06-- PRIVATE EDUCATIONAL SERVICES (NAICS 61), BY TYPE OF SERVICE: 2007

[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	Establish-ments (number)	Receipts/ Revenue ($1,000)	Annual payroll ($1,000)	Paid employees for pay period including March 12 (number)
611	Educational services	376	165,901	49,185	2,646
6114	Business schools, & computer & management training	30	10,449	3,433	135
6115	Technical & trade schools	54	32,919	8,776	340
6116	Other schools & instruction	257	89,751	28,731	1,817
6117	Educational support services	35	32,782	8,245	354

Source: U.S. Census Bureau, 2007 Economic Census, Sector 61: EC0761A1: Educational Services: Geographic Area Series: Summary Statistics: 2007 <http://factfinder.census.gov/servlet/IBQTable?_bm=y&-geo_id=04000US15&-fds_name=EC0700A1&-parsed=true&-ds_name=EC0761A1&-_lang=en> accessed May 5, 2010.

Table 3.07-- PRIVATE EDUCATIONAL SERVICES (NAICS 611), BY TYPE OF SERVICE: 2010

[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	522	117	19,561	636,707
6111	Elementary & secondary schools	134	74	11,631	449,228
6112	Junior colleges	5	3	308	12,051
6113	Colleges, universities & professional schools	27	10	4,976	126,588
6114	Business schools, & computer & management training	22	1	(1/)	4,312
6115	Technical & trade schools	52	3	331	9,430
6116	Other schools & instruction	250	23	1,911	28,802
6117	Educational support services	32	3	276	6,296

1/ 100-249 employees.

Source: U.S. Census Bureau, *2010 County Business Patterns* <http://censtats.census.gov/cgi-bin/cbpnaic/cbpdetl.pl> accessed February 11, 2013.

Table 3.08-- EXPENDITURES, TOTAL AND PER PUPIL, BY EDUCATION LEVEL AND BY FUNCTION: 2007-2008

[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 expendi-ture	Instruction	Instruc-tional support	Leadership	Operations	Other commit-ments
Total expenditure	2,111,327	883,322	548,024	94,093	293,086	237,705
Total per pupil ($)	11,837	4,952	3,072	528	1,643	1,333
Elementary schools						
Total expenditure	1,013,761	435,427	256,002	55,611	147,952	118,769
Total per pupil ($)	11,607	4,985	2,931	637	1,694	1,360
Middle schools						
Total expenditure	333,999	144,114	86,531	14,284	49,781	39,289
Total per pupil ($)	11,214	4,839	2,905	480	1,671	1,319
High schools						
Total expenditure	547,773	231,792	157,016	18,430	75,614	64,922
Total per pupil ($)	11,023	4,664	3,160	371	1,522	1,306
Combined schools						
Total expenditure	160,969	71,990	48,475	5,768	19,738	14,725
Total per pupil ($)	13,908	6,231	4,196	499	1,708	1,274

Source: Hawaii State Department of Education, Accounting Services Branch, and records.

Table 3.09-- APPROPRIATED FUNDS AND EXPENDITURES BY CATEGORY AND FUND TYPE: 2010-2011

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

	Total	General	Federal	Special	Trust	Other
State budget appropriation	2,335.0	1,866.6	308.6	79.1	80.7	-
Total expenditures	2,259.1	1,845.9	296.3	43.5	64.9	8.5
Personal services	1,728.0	1,492.1	163.6	15.3	57.0	-
Other	531.0	353.8	132.7	28.2	7.9	8.5
Unencumbered balance	91.8	36.6	12.3	35.6	15.8	-

Source: Hawaii State Department of Education, Office of Fiscal Services, *Department of Education Financial Report, July 1, 2010 - June 30, 2011* (December 2012) <http://doe.k12.hi.us/reports/financialreports/FinancialReport10-11.pdf> accessed on April 26, 2013.

Table 3.10-- APPROPRIATED FUNDS, EXPENDITURES, PUPIL COST, ENROLLMENT AND NUMBER OF SCHOOLS: 2008-2009 TO 2010-2011

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

	2008-2009	2009-2010	2010-2011	Percent change, 2009-2010 to 2010-2011
Appropriated funds total	2,503.9	2,446.5	2,350.9	3.9
General funds	2,160.5	1,978.2	1,882.5	-4.8
Federal funds	261.8	379.1	308.6	-18.6
Special funds	67.8	75.4	79.1	4.9
Trust funds	13.8	13.8	80.7	484.8
Expenditures total	2,498.9	2,324.5	2,259.1	2.8
General funds	2,229.2	1,958.0	1,845.9	-5.7
Federal funds	215.8	306.2	296.3	-3.2
Special funds	33.7	44.6	43.5	-2.5
Trust funds	7.7	5.9	64.9	1,000.0
Other agency funds	12.5	9.8	8.5	-13.3
Per pupil cost (dollars) 1/	12,524	2/ 11,762	11,576	-1.6
Enrollment total (number) 1/	177,871	178,649	178,189	-0.3
Regular/special schools (number)	170,498	170,830	169,987	-0.5
Charter schools (number)	7,373	7,819	8,202	4.9
Schools (number)	285	288	288	0.0
Regular/special schools	257	257	257	0.0
Charter schools	28	31	31	0.0

1/ Based on official enrollment.

2/ Revised from previous *Data Book.*

Source: Hawaii State Department of Education, Office of Fiscal Services, *Department of Education Financial Report, July 1, 2009 - June 30, 2010,* (March 2012) <http://doe.k12.hi.us/reports/financialreports/FinancialReport09-10.pdf> accessed on April 25, 2012 and *Department of Education Financial Report, July 1, 2010 - June 30, 2011,* (December 2012) <http://doe.k12.hi.us/reports/financialreports/FinancialReport10-11.pdf> accessed on April 26, 2013.

Table 3.11-- GENERAL FUND APPROPRIATION AND EXPENDITURES: 2009-2010 TO 2010-2011

[In dollars. Fiscal year ending June 30]

Programs	2009-2010	2010-2011
General fund appropriation 1/	1,978,191,131	1,882,561,670
Total expenditures	1,747,012,756	1,659,445,902
Instruction & related services	1,443,010,513	1,317,271,356
Instructional support	35,777,618	23,270,459
School support services	200,347,450	268,604,546
Support services	67,877,175	50,299,541
Exclusions 2/	210,939,394	186,417,251
Adult education	6,882,829	6,847,689
After-school plus (A+), program	1,759,789	688,928
Capitalized equipment expenditures	7,503,658	13,104,847
Debt service	194,793,118	165,775,787
Grand total expenditures	1,957,952,150	1,845,863,153
Total general fund balance	20,238,981	36,698,517

1/ Includes public charter schools.

2/ Excluded in accordance with US DOE National Center for Education Statistics (NCES) Common Core of Data Specifications.

Source: Hawaii State Department of Education, Office of Fiscal Services, *Department of Education Financial Report, July 1, 2010 - June 30, 2011* (December 2012) <http://doe.k12.hi.us/reports/financialreports/FinancialReport10-11.pdf> accessed on April 26, 2013.

Table 3.12-- PUBLIC SCHOOL ENROLLMENT BY GRADE, BY COUNTY: 2012-2013

Grade	State total 1/	Hawaii	Maui	Honolulu 1/	Kauai	Charter schools
All grades	184,760	23,429	21,268	120,932	9,496	9,635
Nursery	1,509	249	149	1,003	66	42
Kindergarten	16,404	2,024	2,018	10,635	877	850
1	14,672	1,755	1,687	9,742	681	807
2	14,215	1,760	1,646	9,305	689	815
3	13,615	1,625	1,534	8,985	672	799
4	13,178	1,661	1,528	8,593	661	735
5	12,933	1,588	1,441	8,491	633	780
6	11,912	1,392	1,238	7,837	592	853
7	12,163	1,406	1,368	8,013	579	797
8	11,199	1,308	1,316	7,225	600	750
9	12,948	1,689	1,503	8,474	727	555
10	11,695	1,476	1,445	7,653	653	468
11	10,947	1,460	1,311	7,161	631	384
12	9,588	1,348	1,182	6,224	572	262
Special Ed.	17,782	2,688	1,902	11,591	863	738

1/ Data exclude UH Lab School.

Source: Hawaii State Department of Education <https://lilinote.k12.hi.us/STATE/COMM/DOEPRESS.NSF/a1d7af052e94dd120a2561f7000a037c/00ebdabfac05a3dc0a257ab6006fe7e0?OpenDocument> accessed April 12, 2013.

Table 3.13-- FEDERALLY-CONNECTED PUPILS IN PUBLIC SCHOOLS: FALL, 1996 TO 2012

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
2008	28,026	15.7	10,057	17,969
2009	28,434	15.9	10,616	17,818
2010	28,741	15.6	10,581	18,160
2011 1/	30,150	16.7	11,587	18,563
2012 2/	22,721	12.3	8,370	14,351

1/ Revised from previous *Data Book.*
2/ Preliminary.
Source: Hawaii State Department of Education, records.

Table 3.14-- HAWAII STATE HIGH SCHOOL GRADUATES BY PUBLIC AND PRIVATE HIGH SCHOOL: 1982 TO 2012

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	13,393	10,847	2,546
2006	13,645	10,834	2,811
2007	13,821	10,909	2,912
2008	14,622	11,539	3,083
2009	14,721	11,699	3,022
2010	14,052	11,072	2,980
2011	13,976	11,062	2,914
2012	14,288	11,379	2,909

Source: University of Hawai'i, Institutional Research and Analysis Office
<http://www.hawaii.edu/iro/maps.php?title=High+School+Background+of+First-Time+Students>
accessed February 28, 2013, and records.

Table 3.15-- PRIVATE SCHOOLS, TEACHERS, AND ENROLLMENT, 1993-1994 TO 2011-2012 AND PRIVATE HIGH SCHOOL GRADUATES, 1991-1992 TO 2010-2011

[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
2007-08	136	33,441	2,880	2006-07	2,385
2009-10	135	33,536	3,044	2008-09	2,659
2011-12	134	33,994	3,013	2010-11	2,760

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 2011-2012

[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
2007-2008	10,963.0	11,151	87.5	11.4	53	30.0
2008-2009	10,884.5	11,094	90.3	11.6	55	31.0
2009-2010	10,887.5	10,967	93.4	12.1	58	32.3
2010-2011	10,808.5	4/ 10,871	95.5	13.1	61	33.9
2011-2012	10,862.5	10,927	96.5	12.2	62	34.8

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.

4/ Revised from previous *Data Book.*

Source: Hawaii State Department of Education, *Trend Report: Educational and Fiscal Accountability,* various issues <http://arch.k12.hi.us/school/trends/trends.html#> accessed on February 11, 2013.

Table 3.17-- SELECTED CHARACTERISTICS OF PUBLIC SCHOOL STUDENTS: 2001-2002 TO 2011-2012

[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	16.1	79.3
2007-2008	94.4	91.6	94.5	14.1	15.7	80.3
2008-2009	94.5	91.3	94.5	12.5	15.4	80.1
2009-2010	94.9	92.1	95.1	12.5	16.3	79.7
2010-2011	94.7	93.1	95.0	12.2	5/ 6/ 15.7	5/ 6/ 80.8
2011-2012	94.6	93.2	95.2	11.0	6/ 15.5	6/ 82.6

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.

5/ Revised from previous *Data Book.*

6/ Starting in 2010-2011 the new Adjusted Cohort Graduation Rate methodology is used (for a brief explanation see Trend Report Guide)

Source: Hawaii State Department of Education, *Trend Report: Educational and Fiscal Accountability,* various issues <http://arch.k12.hi.us/school/trends/trends.html#> accessed on February 11, 2013.

Table 3.18-- ETHNICITY OF PUBLIC SCHOOL STUDENTS: SCHOOL YEAR 2011-2012

Ethnicity	Students (percent)
Total	100.0
Asian, two or more	0.1
Black	2.8
Chinese	3.3
Filipino	21.9
Guamanian/Chamorro	0.2
Hispanic	3.7
Indo-Chinese	1.2
Japanese	9.2
Korean	1.2
Micronesian	3.2
Multiple, two or more	3.7
Native American	0.6
Native Hawaiian	27.7
Other Asian	0.3
Other Pacific Islander	0.3
Pacific Islander, two or more	0.0
Portuguese	1.4
Samoan	3.5
Tongan	0.6
White	15.0
White, two or more	0.0

Source: State of Hawaii, Department of Education, Systems Accountability Office, records.

Table 3.19-- ETHNICITY OF PUBLIC SCHOOL TEACHERS: SCHOOL YEAR 2011-2012

Ethnicity	Teachers (percent)
Total	100.0
African-American	0.5
Caucasian	21.5
Chinese	3.7
Filipino	5.6
Hawaiian/Part-Hawaiian	9.0
Hispanic	0.3
Japanese	26.4
Korean	0.9
Native American	0.0
Samoan	0.4
Other	31.8

Source: State of Hawaii, Department of Education, Systems Accountability Office, records.

Table 3.20-- SCHOLASTIC ASSESSMENT TEST SCORE AVERAGE: 2002 TO 2012

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

Year	Hawaii average			U.S. average		
	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
2008	502	481	470	515	502	494
2009	502	479	469	515	501	493
2010 2/	504	482	470	515	500	491
2011	500	479	469	514	497	489
2012	500	478	467	514	496	488

NA Not available.

1/ Formerly verbal, before 2006.

2/ Revised from previous *Data Book*.

Source: Hawaii State Department of Education <http://lilinote.k12.hi.us/STATE/COMM/DOEPRESS.NSF/a1d7af052e94dd120a2561f7000a037c/ef4b82e1e7982c870a257a8400075185?OpenDocument> accessed February 11, 2013.

Table 3.21-- TERRANOVA TEST RESULTS FOR PUBLIC SCHOOL GRADES 3, 4, 5, 6, 7, 8, AND 10: SCHOOL YEAR 2010-2011

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

Subject and level	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 10
Reading							
Low	20	16	15	16	19	12	17
Average	54	56	54	60	55	60	61
High	26	28	31	25	27	28	22
Math							
Low	15	11	10	11	15	12	9
Average	53	50	36	48	58	58	54
High	32	40	54	40	27	31	37

Source: Hawaii State Department of Education, Office of the Superintendent, records.

Table 3.22-- HAWAII STATE ASSESSMENT RESULTS FOR PUBLIC SCHOOL GRADES 3, 4, 5, 6, 7, 8, AND 10: SPRING 2012

[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]

Subject and level	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 10
Reading	70	71	71	73	70	72	69
Math	67	63	62	58	56	58	45

Source: Hawaii State Department of Education, News Release (July 17, 2012) <http://lilinote.k12.hi.us/STATE/COMM/DOEPRESS.NSF/a1d7af052e94dd120a2561f7000a037c/788ec65a2cb3844c0a257a3e00832fba?OpenDocument> accessed September 21, 2012.

Table 3.23-- HEADCOUNT ENROLLMENT AT THE UNIVERSITY OF HAWAII, BY CAMPUS: FALL 1998 TO 2012

[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		Unclassified 1/		
			Under-graduates	Gradu-ates			
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
2008	53,526	20,169	13,438	5,540	1,191	3,773	1,140
2009	57,945	20,435	13,583	5,726	1,126	3,974	1,333
2010	60,090	20,337	13,599	5,726	1,012	4,079	1,471
2011	60,330	20,429	14,054	5,475	900	4,139	1,662
2012	60,295	20,426	14,279	5,243	904	4,157	1,997

Year	UH Community Colleges							
	Total	Honolulu	Kapiolani	Leeward	Windward	Hawaii	Kauai	Maui
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
2008	28,444	4,218	8,221	6,771	1,959	2,884	1,104	3,287
2009	32,203	4,567	9,102	7,484	2,316	3,275	1,345	4,114
2010	34,203	4,725	9,301	7,942	2,625	3,815	1,428	4,367
2011	34,100	4,600	9,023	7,895	2,705	3,917	1,433	4,527
2012	33,715	4,582	8,892	7,960	2,741	3,663	1,495	4,382

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

Source: University of Hawai'i, Institutional Research and Analysis Office <https://www.hawaii.edu/institutionalresearch/enrT06Report.action?IRO_INST_AND_UHCC=MAN&SEM_YR_IRO=2012-8&drillThruLevel=&agglevel=&reportId=ENRT06&campusContext=&drillId=&VALUE=&exportType=&drillValue=&drillTarget=> accessed February 28, 2013, and records.

Table 3.24-- DEGREES, DIPLOMAS, AND CERTIFICATES AWARDED BY THE UNIVERSITY OF HAWAII: 2001 TO 2012

Year ended June 30	University of Hawaii at Manoa						Univ. of Hawaii West Oahu
	Bache-lor's	Master's	Doc-torate	First profes-sional 1/	Other 2/	No data	Bachelor's
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
2008	2,994	1,141	193	176	62	-	180
2009	2,933	1,155	183	170	55	-	221
2010	2,834	1,169	184	167	60	-	242
2011	2,957	1,232	212	199	75	-	255
2012	3,026	1,223	196	210	112	-	301

Year ended June 30	University of Hawaii at Hilo					UH Community Colleges			
	Certifi-cates 3/	Bache-lor's	Master's 4/	Doc-torate 5/	First profes-siona 6/	Certifi-cates 7/	Asso-ciate's degree	Bache-lor's 8/	No data
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	-
2008	38	522	28	-	-	380	2,280	2	-
2009	36	547	30	1	-	341	2,408	4	-
2010	46	508	47	-	-	419	2,606	9	-
2011	28	581	37	1	84	477	2,847	3	-
2012	42	721	64	1	87	584	3,054	7	-

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/ PhD in Hawaiian and Indigenous Language and Culture Revitalization approved by UH Board of Regents in October 2004. Final approval granted by the President on August 21, 2006.

6/ Pharmacy (PharmD) program approved by the UH Board of Regents in November 2006, effective Spring 2007.

7/ Certificates of Achievement and Advanced Professional Certificate beginning fiscal year 2005.

8/ Bachelor in Applied Science at Maui Community College added in Fall 2003.

Source: University of Hawai'i, Institutional Research and Analysis Office <https://www.hawaii.edu/institutionalresearch/degreeReport.action?FISCAL_YEAR=2012&IRO_INSTITUTION=MAN&drillThruLevel=&agglevel=&reportId=DEH1&campusContext=&drillId=&VALUE=&exportType=&drillValue=&drillTarget=> accessed February 28, 2013, and records.

Table 3.25-- UNIVERSITY OF HAWAII CURRICULA, TUITION, FINANCES, AND FACULTY AND STAFF: 2010 TO 2012

Subject		2010	2011	2012
Curricula offered at Manoa Campus		292	293	292
Bachelor's degree programs		92	93	93
Master's degree programs		84	84	84
Doctoral programs		51	51	51
Other programs 1/		65	65	64
Tuition per semester (full-time undergraduate, regular session) (dollars) 2/				
Manoa Campus:	Resident	3,792	4,200	4,332
	Nonresident	10,512	11,616	12,456
Hilo:	Resident	2,556	2,820	2,940
	Nonresident	7,800	8,556	8,736
West Oahu:	Resident	2,328	2,568	2,796
	Nonresident	7,176	7,872	8,328
Community colleges:	Resident 3/	1,056	1,164	1,212
	Nonresident 3/ and 4/	3,646	3,669	3,730
Finances, fiscal year ending June 30				
Current fund revenues ($1,000)		1,171,885	1,225,766	1,216,529
Current fund expenditures ($1,000)		1,278,701	1,301,721	1,340,983
Faculty and staff, October 5/		9,813	9,946	10,290
Board of Regents appointees		8,335	8,552	8,902
Full-time		5,616	5,749	5,958
Part-time		2,719	2,803	2,944
Civil Service personnel		1,478	1,394	1,388
Full-time		1,420	1,338	1,327
Part-time		58	56	61

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. 2009 = AY 2009-2010). 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/ With appropriate notification, individual community colleges may elect to charge a nonresident rate that falls within a pre-determined high and low range. For this table, the figure presented here reflects the average of one community college campus at the high rate and six campuses at the low rate.

5/ Includes persons on leave without pay.

Source: University of Hawai'i, Institutional Research and Analysis Office <http://www.hawaii.edu/cgi-bin/iro/maps?tuuhy13.pdf> accessed February 28, 2013, and records.

Table 3.26-- ENROLLMENT AND EARNED DEGREES CONFERRED, FOR PRIVATE COLLEGES AND UNIVERSITIES: 2007 TO 2012

[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	Asso-ciate's	Bache-lor's	Master's
2007, total	12,956	11,007	1,949	322	1,889	563
Brigham Young	2,312	2,312	-	6	557	-
Chaminade	2,701	2,020	681	146	315	272
Hawaii Pacific	7,943	6,675	1,268	170	1,017	291
2008, total	13,293	11,395	1,898	326	2,003	586
Brigham Young	2,309	2,309	-	6	569	-
Chaminade	2,691	1,973	718	126	346	230
Hawaii Pacific	8,293	7,113	1,180	194	1,088	356
2009, total	13,251	11,315	1,936	237	1,841	566
Brigham Young	2,512	2,512	-	1	485	-
Chaminade	2,626	1,897	729	101	311	241
Hawaii Pacific	8,113	6,906	1,207	135	1,045	325
2010, total	13,892	11,874	2,018	268	1,662	636
Brigham Young	2,780	2,780	-	19	479	-
Chaminade	2,773	2,036	737	106	319	246
Hawaii Pacific	8,339	7,058	1,281	143	864	390
2011, total	13,673	11,581	2,092	279	1,791	602
Brigham Young	2,775	2,775	-	51	565	-
Chaminade	2,827	2,066	761	78	300	257
Hawaii Pacific	8,071	6,740	1,331	150	926	345
2012, total	13,168	11,090	2,078	306	1,840	667
Brigham Young	2,799	2,799	-	56	540	-
Chaminade	2,906	2,123	783	121	309	287
Hawaii Pacific	7,463	6,168	1,295	129	991	380

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 3.27-- RESIDENCE AND MIGRATION OF FRESHMEN STUDENTS IN INSTITUTIONS OF HIGHER EDUCATION AND FRESHMEN STUDENTS GRADUATING FROM HIGH SCHOOL IN THE PAST 12 MONTHS: FALL 2008 AND FALL 2010

Category	Freshman students 1/	Freshmen students 2/	
		Total	In 4-year colleges
Fall 2008			
Students enrolled in state 3/	9,668	7,166	3,846
Students residents of state 4/	11,348	8,725	5,345
Students remaining in state 5/	7,878	5,852	2,621
Migration of students			
Out of state	3,470	2,873	2,724
Into state	1,790	1,314	1,225
Net migration	-1,680	-1,559	-1,499
Fall 2010			
Students enrolled in state 3/	(NA)	7,374	3,974
Students residents of state 4/	(NA)	8,683	5,138
Students remaining in state 5/	(NA)	5,862	2,549
Migration of students			
Out of state	(NA)	2,821	2,589
Into state	(NA)	1,512	1,425
Net migration	(NA)	-1,309	-1,164

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 2011* (2012-001), June, 2012, Tables 233-234, <http://nces.ed.gov/pubs2012/2012001.pdf> accessed July 13, 2012.

Table 3.28-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY SYSTEM: 2007 TO 2012

Subject	2007	2008	2009	2010	2011	2012
Library locations, June 30						
State	51	51	51	51	50	50
Oahu	24	24	24	24	24	24
Other islands 1/	27	27	27	27	26	26
Personnel, June 30	555.55	555.55	555.55	555.55	555.55	555.00
Hours open 2/	94,467	95,121	94,550	85,283	91,596	93,337
Collections, June 30 (1,000)	3,756	3,791	3,658	3,715	3,776	3,831
Circulation, year ended June 30 (1,000)	6,792	7,020	7,228	6,959	6,961	6,938
eBooks/Audio/Music circulation, year ended June 30 3/	25,000	30,654	40,277	63,917	97,958	145,355
Customer visits (1,000)	5,729	5,891	6,020	5,337	4,869	5,347
Reference questions (1,000)	851	895	876	793	730	692
Public computers	495	530	537	520	521	688
Internet users 4/	473,980	541,320	482,386	445,919	484,315	600,855
Library programs	4,763	4,781	3,767	3,337	2,844	3,506
Attendance	151,425	161,005	145,767	135,407	106,218	114,703
Group visits	2,445	7,841	7,760	5,297	5,731	5,191
Attendance	55,564	151,839	157,128	104,996	113,944	107,385

1/ Holualoa Public Library closed permanently in 2011.
2/ The total annual service hours for all Hawaii State Public Library System libraries are included.
3/ Digital eBooks/Audio/Music circulation began in fiscal year 2006.
4/ Due to institution of privacy measures, no user count is available as of fiscal year 2008.
Source: Hawaii State Public Library System, Office of the State Librarian, records.

Table 3.29-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY SYSTEM, BY COUNTY: 2012

[As of June 30]

County	Library locations	Personnel	Circulation
State total	50	555.00	6,937,750
Oahu	24	425.00	4,383,647
Hawaii 1/	12	58.00	1,202,510
Kauai	6	30.00	495,403
Maui 2/	8	42.00	710,835
eBooks/eAudio	(NA)	(NA)	145,355

County	Collections			
	Books	Periodical subscriptions	DVDs and video tapes	Sound recordings
State total	3,379,846	3,010	149,211	143,001
Oahu	2,188,560	1,396	76,340	85,455
Hawaii 1/	519,051	552	32,040	28,224
Kauai	271,991	274	17,866	9,437
Maui 2/	400,244	788	22,965	19,885
Library for the Blind and Physically Handicapped 3/	32,772	59	616	122,244

NA Not available.
1/ Holualoa Public Library closed permanently in 2011.
2/ Includes libraries on Lanai (1 location), Maui (6 locations), and Molokai (1 location).
3/ Books include the Braille. Sound recordings include recorded cassettes and digital books.
Source: Hawaii State Public Library System, Office of the State Librarian, records.

Table 3.30-- UNIVERSITY OF HAWAII LIBRARY SYSTEM HOLDINGS AND CIRCULATION, BY CAMPUS: 2011 AND 2012

Campus	Number of volumes, June 30 1/		Circulation, year ended June 30		Number of electronic titles, June 30 2/		Number of electronic full-text items retrieved 2/	
	2011	2012	2011	2012	2011	2012	2011	2012
All campuses	3,076,828	3,497,986	567,192	459,735	3/ 213,694	3/ 262,261	4,350,572	1,478,394
UH Manoa, total	2,431,366	2,852,107	349,755	294,546	3/ 133,020	3/ 176,265	3,611,208	2,317,222
University of Hawaii at Manoa	2,374,050	2,796,197	341,538	288,278	126,505	161,114	2,825,975	1,840,919
UH Manoa Law Library	50,824	49,248	7,133	5,189	99,203	125,949	298,439	46,518
UH Manoa Health Sciences Library 4/	6,492	6,662	1,084	1,079	94,694	113,192	486,794	429,785
University of Hawaii-West Oahu	28,471	26,699	2,486	1,876	123,102	130,191	180,120	85,995
University of Hawaii at Hilo 5/	237,704	234,560	74,610	61,269	113,208	138,761	56,939	193,942
UH Center West Hawaii	-	4,644	1,199	1,444	93,691	111,995	1,049	-
Community colleges, total 5/	379,287	384,620	140,341	102,044	3/ 125,471	3/ 153,029	501,256	537,235
Honolulu	62,530	62,164	27,877	19,502	112,471	145,330	28,051	26,380
Kapiolani	76,238	76,212	26,812	22,476	94,779	112,565	221,163	231,345
Leeward	71,057	71,057	28,629	24,593	102,966	116,412	89,161	93,657
Windward	43,119	43,358	8,711	8,470	96,389	114,672	21,046	19,315
Kauai	61,052	61,894	4,330	4,639	93,693	111,995	15,644	7,211
Maui 6/	65,291	65,291	42,783	20,920	93,709	112,030	126,191	159,327

1/ Number of volumes excludes microforms.
2/ Electronic titles include books, journals, databases.
3/ Number of total counts consortially purchased titles only once.
4/ John A. Burns School of Medicine.
5/ Hawaii Community College is included with the University of Hawaii at Hilo.
6/ Maui volumes includes holdings in Molokai, Lanai and Hana.
Source: University of Hawaii at Manoa Library 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: 2012* , Section 5.

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Narrative

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Table 4.01-- ACTUAL INDEX OFFENSES KNOWN TO THE POLICE, BY COUNTY: 1993 TO 2011

[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/				
1993	73,566	62.7	56,405	6,880	2,346	7,935
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	51.9	46,659	6,425	2,578	7,325
2001	65,947	53.8	48,442	6,985	2,346	8,174
2002	75,238	60.7	57,271	6,936	3,045	7,986
2003	69,267	55.4	50,912	7,133	3,043	8,179
2004	63,665	50.0	46,628	6,219	2,701	8,117
2005	64,067	49.6	44,953	8,278	2,221	8,615
2006	58,347	44.5	41,055	6,760	2,711	7,821
2007	56,411	42.9	39,810	6,369	3,008	7,224
2008	49,454	37.1	34,356	5,935	2,792	6,371
2009	51,066	37.9	35,912	6,211	2,895	6,048
2010	49,270	36.1	34,216	5,769	2,722	6,563
2011	47,340	34.4	32,982	5,201	2,861	6,296

1/ Annual rate per 1,000 resident population based on July 1 estimates by the U.S. Census Bureau, as revised through Dec. 20, 2012. Rates for 2000 and beyond may differ from previous *Data Books* due to revisions to these population figures. Population estimates for 2000 through 2009 were revised based upon the April 1, 2010 figures which were released September 28, 2011. 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* (annual) <http://ag.hawaii.gov/cpja/rs/cih/> accessed December 27, 2012 and records; U.S. Census Bureau, Population Division, "Table 1. Intercensal Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2010" (ST-EST00INT-01) (September 2011) <http://www.census.gov/popest/data/intercensal/state/tables/ST-EST00INT-01.xls> accessed September 28, 2011 and "Table 1. Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2012" (NST-EST2012-01) (December 2012) <http://www.census.gov/popest/data/state/totals/2012/tables/NST-EST2012-01.xls> accessed December 20, 2012; and 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: 2002 TO 2011

[Actual offenses include crimes that were reported to the police and were determined by the police to have actually occurred. Unfounded cases are not included in the actual offenses count]

Offense	2002	2003	2004	2005	2006
All Index Offenses (excluding arson)	75,238	69,267	63,665	64,067	58,347
Murder	24	22	33	25	22
Forcible rape	372	367	361	310	364
Robbery	1,210	1,168	963	1,022	1,150
Aggravated assault	1,656	1,843	1,917	2,075	2,103
Burglary	12,722	11,409	10,719	10,073	8,755
Larceny-theft	49,344	44,807	41,045	41,704	38,234
Motor vehicle theft	9,910	9,651	8,627	8,858	7,719
Arson	527	509	529	645	696

Offense	2007	2008	2009	2010	2011
All Index Offenses (excluding arson)	56,411	49,454	51,066	49,270	47,340
Murder	25	26	23	25	21
Forcible rape	377	363	385	377	353
Robbery	1,122	1,085	1,030	1,065	994
Aggravated assault	2,021	2,036	2,112	2,136	2,098
Burglary	9,089	9,404	9,244	8,706	8,165
Larceny-theft	37,494	31,424	33,415	31,681	31,240
Motor vehicle theft	6,283	5,116	4,857	5,280	4,469
Arson	554	509	501	441	357

Source: Hawaii State Department of the Attorney General, Crime Prevention and Justice Assistance Division, *Uniform Crime Reports* (annual) <http://ag.hawaii.gov/cpja/rs/cih/> accessed December 27, 2012 and records.

Table 4.03-- ACTUAL OFFENSES KNOWN TO POLICE AND OFFENSES CLEARED BY ARREST OR OTHERWISE, BY CLASS OF OFFENSE: 1995 TO 2011

[Actual offenses include crimes that were reported to the police and were determined by the police to have actually occurred. Unfounded cases are not included in the actual offenses count]

Year	Actual offenses known to police		Number cleared by arrest or otherwise 3/		Clearances per 100 offenses 3/	
	Index Offenses 1/	Part II, except traffic 2/	Index Offenses 1/	Part II, except traffic 2/	Index Offenses 1/	Part II, except traffic 2/
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	14.4	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
2006	58,347	110,780	(NA)	(NA)	12.0	(NA)
2007	56,411	113,928	(NA)	(NA)	13.4	(NA)
2008	49,454	112,885	(NA)	(NA)	14.5	(NA)
2009	51,066	109,687	(NA)	(NA)	15.6	(NA)
2010	49,270	104,387	(NA)	(NA)	15.4	(NA)
2011	47,340	104,975	(NA)	(NA)	16.5	(NA)

NA Not available.

1/ 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.

2/ 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.

3/ Annual data on clearances include prior years' offenses cleared in the current year.

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* (annual) <http://ag.hawaii.gov/cpja/rs/cih/> accessed December 27, 2012 and records.

Table 4.04-- ACTUAL OFFENSES KNOWN TO POLICE, BY CLASS OF OFFENSE, BY COUNTY: 2009 TO 2011

[Actual offenses include crimes that were reported to the police and were determined by the police to have actually occurred. Unfounded cases are not included in the actual offenses count]

County	Index 1/	Part II 2/
2009, total	51,066	109,687
Honolulu	35,912	62,012
Hawaii	6,211	15,999
Kauai	2,895	6,332
Maui	6,048	25,344
2010, total	49,270	104,387
Honolulu	34,216	59,010
Hawaii	5,769	14,691
Kauai	2,722	5,785
Maui	6,563	24,901
2011, total	47,340	104,975
Honolulu	32,982	57,863
Hawaii	5,201	13,997
Kauai	2,861	5,944
Maui	6,296	27,171

1/ Index Offenses include murder, forcible rape, robbery, aggravated assault, burglary, larceny-theft, and motor vehicle theft. Excludes arson in the Index Offenses total.

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* (annual) <http://ag.hawaii.gov/cpja/rs/cih/> accessed December 27, 2012.

Table 4.05-- ACTUAL INDEX OFFENSES KNOWN TO POLICE AND INDEX OFFENSES CLEARED BY ARREST OR OTHERWISE, FOR THE STATE AND OAHU: 2010 AND 2011

[Actual offenses include crimes that were reported to the police and were determined by the police to have actually occurred. Unfounded cases are not included in the actual offenses count]

Type of offense	Actual offenses known to police		Percent cleared by arrest or otherwise 1/	
	State total	Oahu only	State total	Oahu only
2010 All Index Offenses, total (excluding arson)	49,270	34,216	15.4	14.0
Murder	25	19	88.0	78.9
Forcible rape	377	218	41.6	49.5
Robbery	1,065	891	26.3	23.1
Aggravated assault	2,136	1,420	49.2	45.1
Burglary	8,706	5,760	6.5	4.4
Larceny-theft	31,681	22,007	15.9	14.9
Motor vehicle theft	5,280	3,901	8.9	7.1
Arson	441	349	4.3	4.6
2011 All Index Offenses, total (excluding arson)	47,340	32,982	16.5	15.0
Murder	21	14	90.5	100.0
Forcible rape	353	203	46.7	60.6
Robbery	994	821	32.3	31.2
Aggravated assault	2,098	1,332	53.5	49.3
Burglary	8,165	5,373	6.4	4.8
Larceny-theft	31,240	21,987	17.1	15.9
Motor vehicle theft	4,469	3,252	7.6	4.4
Arson	357	228	9.5	11.0

1/ Includes offenses committed in prior years.

Source: Hawaii State Department of the Attorney General, Crime Prevention and Justice Assistance Division, *Uniform Crime Reports* (annual) <http://ag.hawaii.gov/cpja/rs/cih/> accessed December 27, 2012.

Table 4.06--REPORTED OFFENSES, BY HONOLULU POLICE DISTRICT: 2009 TO 2011

[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	Hono-lulu 1/	Wahia-wa	Pearl City	Wind-ward Oahu 2/	Kalihi	Waikiki	East Hono-lulu	Kapolei/ Waianae
2009, total	6,164	3,260	5,949	4,118	4,673	3,570	4,535	4,152
Murder	4	2	1	1	3	2	-	3
Forcible rape	18	32	32	29	34	41	19	52
Robbery	150	60	146	60	157	123	79	106
Aggravated assault	205	115	164	168	227	162	98	296
Burglary	694	581	873	727	769	425	1,127	872
Larceny-theft	4,457	2,127	3,957	2,840	2,956	2,550	2,639	2,396
Motor vehicle theft	636	343	776	293	527	267	573	427
2010, total	5,546	3,066	6,217	3,516	4,387	3,632	4,035	4,189
Murder	3	-	3	2	2	3	2	6
Forcible rape	24	26	25	25	27	37	14	46
Robbery	192	56	156	50	156	130	61	95
Aggravated assault	225	143	182	162	188	169	128	247
Burglary	477	597	1,016	751	702	475	961	821
Larceny-theft	4,029	1,868	4,021	2,159	2,757	2,599	2,271	2,492
Motor vehicle theft	596	376	814	367	555	219	598	482
2011, total	5,417	2,726	4,926	4,280	4,032	3,662	4,188	4,134
Murder	1	-	2	3	9	1	1	-
Forcible rape	23	17	33	15	37	44	15	34
Robbery	139	48	133	52	150	138	76	91
Aggravated assault	174	117	207	152	179	171	110	247
Burglary	442	506	745	898	645	417	892	870
Larceny-theft	4,145	1,737	3,226	2,800	2,550	2,656	2,545	2,535
Motor vehicle theft	493	301	580	360	462	235	549	357

Source: City and County of Honolulu, Honolulu Police Department, *Statistics* (annual report) <http://www.honolulupd.org/information/index.php?page=annual> accessed May 8, 2013 and records.

Table 4.07-- PERSONS ARRESTED FOR INDEX AND PART II OFFENSES, BY AGE AND SEX, AND BY COUNTY: 2011

Subject	State total	Honolulu	Hawaii	Maui	Kauai
INDEX OFFENSES 1/					
Total	7,874	4,830	1,259	1,290	495
Juveniles	1,789	1,245	236	167	141
Male	1,085	778	130	95	82
Female	704	467	106	72	59
Adults	6,085	3,585	1,023	1,123	354
Male	4,315	2,576	719	771	249
Female	1,770	1,009	304	352	105
PART II OFFENSES 2/					
Total	48,509	31,300	7,116	6,760	3,333
Juveniles	7,510	5,071	1,087	547	805
Male	4,524	3,084	625	335	480
Female	2,986	1,987	462	212	325
Adults	40,999	26,229	6,029	6,213	2,528
Male	32,335	21,180	4,549	4,777	1,829
Female	8,664	5,049	1,480	1,436	699

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, *Crime in Hawaii 2011* <http://ag.hawaii.gov/cpja/rs/cih/crime-in-hawaii-2011-annual/> accessed December 27, 2012; and calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

Table 4.08-- CHILD ABUSE AND NEGLECT REPORTS: 1975 TO 2011

[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
1975	914	423	1988	3,893	2,315	2001	7,210	3,930
1976	1,325	634	1989	4,054	2,386	2002	7,318	3,744
1977	1,794	841	1990	4,407	2,392	2003	7,835	3,868
1978	1,845	1,110	1991	4,365	2,318	2004	6,823	3,396
1979	2,290	1,109	1992	4,568	2,485	2005	5,207	2,645
1980	2,106	1,059	1993	4,753	2,411	2006	3,974	1,928
1981	2,360	1,137	1994	5,186	2,334	2007	4,690	2,082
1982	2,685	1,379	1995	4,984	2,317	2008	4,628	1,850
1983	3,635	1,621	1996	4,775	2,268	2009	5,939	2,174
1984	4,388	2,180	1997	5,235	2,531	2010	4,199	1,575
1985	4,359	2,391	1998	4,762	2,242	2011	3,751	1,424
1986	4,900	2,629	1999	5,962	2,935			
1987	4,741	2,555	2000	6,184	3,533			

Source: Hawaii State Department of Human Services, Management Services Office, *A Statistical Report on Child Abuse and Neglect in Hawaii* (annual) <http://humanservices.hawaii.gov/reports/child-abuse-and-neglect-reports/> accessed February 15, 2013.

Table 4.09-- CHARACTERISTICS OF CHILD ABUSE AND NEGLECT VICTIMS: 2008 TO 2011

[Confirmed, unduplicated count of children. A child is only counted once, regardless of how many times he/she was reported]

Subject	2008	2009	2010	2011
Total	1,791	2,102	1,523	1,397
Type 1/				
Physical abuse	202	207	185	185
Neglect	269	304	189	231
Medical neglect	30	31	21	17
Sexual abuse	107	76	94	84
Psychological abuse	26	8	7	13
Threatened harm	1,640	1,946	1,420	1,137
County				
Hawaii	331	404	304	321
Honolulu	1,159	1,322	875	772
Kauai	95	93	81	89
Maui	206	283	263	215
Victim characteristics				
Age (percent)				
Less than one year to 4 years	39.3	41.7	41.3	44.2
5 to 11 years	35.1	34.5	34.1	30.7
12 to 17 years	25.6	23.8	24.4	24.8
Unknown	0.1	0.0	0.2	0.3
Females (percent)	51.1	51.7	53.2	50.0
Race (percent)				
Hawaiian or Part Hawaiian	35.4	38.6	38.5	40.9
Mixed	14.7	16.0	18.7	16.9
White	12.7	10.2	11.2	10.7
Filipino	6.2	8.0	4.9	6.2
Samoan	5.5	2.5	2.4	2.3
Other 2/	12.5	13.9	10.0	11.5
Unknown/unable to determine	13.0	10.7	14.2	11.5

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://humanservices.hawaii.gov/reports/child-abuse-and-neglect-reports/> accessed February 15, 2013.

Table 4.10-- VALUE OF PROPERTY REPORTED STOLEN AND VALUE OF STOLEN PROPERTY RECOVERED, BY CATEGORY: 1990 TO 2011

	Locally stolen motor vehicles			Other stolen property		
		Value recovered 1/			Value recovered 1/	
Year	Value stolen ($1,000)	Amount ($1,000)	Percent	Value stolen ($1,000)	Amount ($1,000)	Percent
1990	10,152.1	7,752.2	76.4	41,026.4	1,824.3	4.4
1991	8,231.7	6,584.4	80.0	57,399.0	2,650.3	4.6
1992	7,806.9	6,439.5	82.5	50,186.9	3,177.5	6.3
1993	10,604.6	7,703.6	72.6	52,523.6	2,957.9	5.6
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
2006	48,313.1	27,863.5	57.7	57,223.9	5,017.0	8.8
2007	37,647.4	24,008.8	63.8	57,591.8	3,233.2	5.6
2008	33,960.8	21,658.5	63.8	51,704.5	2,746.0	5.3
2009	28,780.3	19,600.5	68.1	58,907.6	3,378.9	5.7
2010	28,857.8	17,963.2	62.2	52,556.6	3,576.0	6.8
2011	24,320.3	16,689.7	68.6	54,139.2	3,926.6	7.3

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* (annual) <http://ag.hawaii.gov/cpja/rs/cih/> accessed December 27, 2012; and calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

Table 4.11-- VALUE OF PROPERTY STOLEN AND VALUE OF STOLEN PROPERTY RECOVERED, BY COUNTY: 2010 AND 2011

[In $1,000, unless otherwise specified]

Subject	State total	Honolulu	Hawaii	Maui	Kauai
2010					
Value of property stolen	81,414.4	56,960.2	8,127.4	13,140.2	3,186.5
Motor vehicles	28,857.8	21,499.3	1,969.0	4,830.8	558.8
Other property	52,556.6	35,461.0	6,158.5	8,309.4	2,627.7
Value of stolen property recovered 1/	21,539.2	15,209.0	766.4	4,895.8	668.0
Motor vehicles	17,963.2	13,547.4	634.8	3,362.4	418.6
Other property	3,576.0	1,661.6	131.6	1,533.4	249.4
Percent of value recovered	26.5	26.7	9.4	37.3	21.0
Motor vehicles	62.2	63.0	32.2	69.6	74.9
Other property	6.8	4.7	2.1	18.5	9.5
2011					
Value of property stolen	78,459.5	55,500.0	5,844.2	12,877.7	4,237.6
Motor vehicles	24,320.3	18,146.9	1,427.5	3,912.2	833.7
Other property	54,139.2	37,353.1	4,416.7	8,965.6	3,403.9
Value of stolen property recovered 1/	20,616.3	14,414.0	496.7	4,689.0	1,016.6
Motor vehicles	16,689.7	12,610.7	443.7	2,889.7	745.6
Other property	3,926.6	1,803.3	53.0	1,799.3	271.0
Percent of value recovered	26.3	26.0	8.5	36.4	24.0
Motor vehicles	68.6	69.5	31.1	73.9	89.4
Other property	7.3	4.8	1.2	20.1	8.0

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* (annual) <http://ag.hawaii.gov/cpja/rs/cih/> accessed December 27, 2012; and calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

Table 4.12-- CRIME RATES FOR THE UNITED STATES AND HAWAII: 2010 AND 2011

[Offenses known to the police per 100,000 estimated population. Type of 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 1/	
	2010	2011	2010	2011
Violent crime	2/ 404.5	386.3	264.9	252.1
Property crime	2/ 2,945.9	2,908.7	3,357.1	3,191.3

1/ Hawaii rates were obtained from the Hawaii State Department of the Attorney General's annual *Uniform Crime Report.* These rates are based on the most current and accurate data available, whereas the comparable FBI data (see source) may have been estimated for certain jurisdictions, depending on whether or not federal reporting deadlines were met.

2/ Revised from previous *Data Book.*

Source: U.S. Department of Justice, Federal Bureau of Investigation, Criminal Justice Information Services Division, *Crime in the U.S., 2011* <http://www.fbi.gov/about-us/cjis/ucr/crime-in-the-u.s/2011/crime-in-the-u.s.-2011> accessed February 20, 2013; Hawaii State Department of the Attorney General, Crime Prevention and Justice Assistance Division, *Crime in Hawaii: Uniform Crime Report* (annual) <http://ag.hawaii.gov/cpja/rs/cih/> accessed December 27, 2012.

Table 4.13-- AUTHORIZED POLICE PERSONNEL, BY COUNTY: 2012

[As of December 31]

Status	State total	Honolulu	Hawaii	Kauai	Maui
Total	4,446	3,072	642	225	507
Sworn, active	3,074	2,138	438	123	375
Sworn, reserve	125	100	25	-	-
Training pool	424	360	37	27	-
Not sworn (civilian)	823	474	142	75	132
Police radio dispatcher	1/ 183	1/ 124	39	20	45
Other	-	-	-	-	-

1/ Excludes operators who handle 911 calls only.
Source: County police departments, records.

Table 4.14-- COURTS, JUDGES, MAGISTRATES, AND ATTORNEYS: 2010 TO 2012

[As of June 30]

Subject	2010	2011	2012
Federal judges and magistrates: 1/			
U.S. Bankruptcy Court	1	1	1
U.S. District Court	6	7	6
State justices and judges: 2/			
Supreme Court	5	5	5
Intermediate Court of Appeals	6	6	6
Circuit Courts 3/	33	33	33
Assigned to Family Court	4/ 4	4/ 4	4
District Courts 5/	37	37	37
Assigned to Family Court	16	16	16
Land Court	(6/)	(6/)	(6/)
Tax Appeal Court	(6/)	(6/)	(6/)
Attorneys licensed in Hawaii (includes judges)	7,276	7/ 7,342	8/ 7,387
Active	4,667	7/ 4,632	8/ 4,670
Inactive	2,609	7/ 2,710	8/ 2,717

1/ Authorized full-time positions.

2/ Authorized and funded full-time positions.

3/ 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.

4/ Revised from previous *Data Book.*

5/ 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.

6/ Caseload assigned to Circuit Court judges.

7/ Data as of April 5, 2011.

8/ Data as of March 29, 2012.

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, *HSBA Bar Statistics and Summaries* (annual) <http://www.hsba.org/survey-results.aspx> accessed October 1, 2012.

Table 4.15-- UNITED STATES DISTRICT COURT CASES: 2008 TO 2012

[Fiscal year ending September 30]

Subject	2008	2009	2010	2011	2012
Civil cases					
Commenced (filings)	578	622	742	821	764
Terminated	671	604	642	750	806
Pending 1/	531	549	646	2/ 724	682
Criminal cases					
Commenced (filings)	567	411	551	813	301
Terminated	645	565	702	862	326
Pending 3/	3/ 539	3/ 550	4/ 528	4/ 479	5/ 460
Bankruptcy					
Commenced (filings)	1,810	2,941	3,862	3,566	2,672
Business	67	117	149	166	97
Nonbusiness	1,743	2,824	3,713	3,400	2,575
Terminated	1,575	2,439	3,290	3,290	2,868
Pending	1,570	2,072	2,646	2/ 2,927	2,731

1/ Includes cases filed in previous years as consolidated cases that thereafter were severed into individual cases.

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.

4/ Excludes cases in which the only defendants pending in such cases had been fugitives more than 12 months before the end of the period indicated.

5/ Excludes cases in which the only defendants pending in such cases had been fugitives more than 12 months before the end of the period indicated. This table includes all cases filed as felonies or Class A misdemeanors, but includes only those cases filed as petty offenses that were assigned to district judges rather than magistrate 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/Statistics/JudicialBusiness.aspx> accessed May 31, 2013.

Table 4.16-- UNITED STATES BANKRUPTCY COURT CASES FILED UNDER CHAPTER 7, 11 AND 13 OF THE BANKRUPTCY CODE: 1998 TO 2012

[Based upon original chapter designation at the time the case is originally filed. Table includes cases filed in 2012 which were on the caseload as of December 31, 2012]

	Chapter 7 1/			Chapter 11 2/			Chapter 13 3/		
Year	Total	Business	Personal	Total	Business	Personal	Total	Business	Personal
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
2008	1,618	53	1,565	23	21	2	436	8	428
2009	2,498	87	2,411	15	14	1	601	10	591
2010	3,040	124	2,916	20	16	4	836	14	822
2011	2,571	129	2,442	24	19	5	739	15	724
2012	1,918	54	1,864	12	9	3	602	11	591

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: 2010 TO 2012

[Fiscal year ending June 30]

Court and type of action	2010	2011	2012
Supreme Court	497	484	638
Primary cases	143	166	185
Appeals	45	30	52
Original proceedings	98	136	133
Supplemental proceedings	354	318	453
Intermediate Court of Appeals 1/	2,818	2,956	3,371
Primary cases	542	558	580
Appeals	542	558	580
Supplemental proceedings	2,276	2,398	2,791
Circuit Courts Proper	14,981	15,115	18,792
Civil actions	5,019	4,538	7,013
Probate proceedings	1,219	1,275	1,404
Conservatorship/guardianship proceedings	261	219	231
Miscellaneous proceedings	4,015	4,641	5,526
Criminal actions	4,221	4,171	4,361
Part I offenses	1,939	1,899	2,016
Part II offenses	2,282	2,272	2,345
Trust proceedings	246	271	257
Family Courts	34,132	30,385	31,487
Marital actions and proceedings	5,808	5,686	5,548
Civil union actions and proceedings 2/	(2/)	(2/)	4
Uniform interstate family support	568	561	509
Adoption proceedings	566	527	452
Parental proceedings	2,024	1,845	2,138
Domestic Abuse Protective Orders (Ch. 586)	5,095	5,288	5,169
Miscellaneous proceedings	2,261	2,115	3,161
Criminal actions	3,040	2,810	2,962
Children's referrals	14,770	11,553	11,544

Continued on next page.

Table 4.17-- STATE JUDICIARY CASES FILED, BY TYPE OF ACTION: 2010 TO 2012 -- Con.

Court and type of action	2010	2011	2012
District Court	479,656	458,161	453,595
Civil	30,552	25,892	25,755
Regular civil	26,819	22,269	20,751
Small claims	3,733	3,623	5,004
Traffic	416,885	402,862	396,062
Criminal	35,322	32,804	31,946
Non criminal	220,958	222,273	216,644
Parking violations	154,221	141,095	140,717
Other violations	47	44	38
Administrative reviews	6,337	6,646	6,717
Other violations	2,302	1,727	2,087
Criminal actions	29,917	27,680	29,691
Part I offenses	4,845	4,709	5,088
Part II offenses	25,072	22,971	24,603

1/ In previous *Data Books,* for 2010 and 2011, it was noted that the *Data Book* figures excluded cases transferred back to the Supreme Court which were 8 for 2010 and 7 for 2011. These transfers, however, were counted in the figures presented in the *Data Book.*

2/ New type of case which began in fiscal year 2011-2012.

Source: The Judiciary, State of Hawaii, *Annual Report Statistical Supplement* (annual) <https://www.courts.state.hi.us/news_and_reports/reports/annual_report_stat_sup_archive.html> accessed May 8, 2013.

Table 4.18-- STATE JUDICIARY CASES TERMINATED, BY TYPE OF ACTION: 2010 TO 2012

[Fiscal year ending June 30]

Court and type of action	2010	2011	2012
Supreme Court	519	465	629
Primary cases	147	161	181
Appeals	40	23	54
Original proceedings	107	138	127
Supplemental proceedings	372	304	448
Intermediate Court of Appeals 1/	2,805	2,864	3,356
Primary cases	511	481	562
Appeals	511	481	562
Supplemental proceedings	2,294	2,383	2,794
Circuit Courts Proper	10,722	12,593	13,763
Civil actions	3,981	3,958	4,007
Probate proceedings	391	368	453
Conservatorship/guardianship proceedings	134	138	127
Miscellaneous proceedings	2,530	4,195	5,507
Criminal actions	3,619	3,860	3,575
Part I offenses	1,546	1,716	1,562
Part II offenses	2,073	2,144	2,013
Trust proceedings	67	74	94
Family Courts	33,024	29,550	31,932
Marital actions and proceedings	5,792	5,006	5,886
Civil actions and proceedings 2/	(2/)	(2/)	1
Uniform interstate family support	535	529	494
Adoption proceedings	494	427	524
Parental proceedings	1,563	1,402	1,764
Domestic Abuse Protective Orders (Ch. 586)	5,065	5,234	5,134
Miscellaneous proceedings	1,821	1,728	2,897
Criminal actions	2,712	2,114	2,790
Children's referrals	15,042	13,110	12,442

Continued on next page.

Table 4.18-- STATE JUDICIARY CASES TERMINATED, BY TYPE OF ACTION: 2010 TO 2012 -- Con.

Court and type of action	2010	2011	2012
District Court	506,646	451,302	440,365
Civil	20,188	22,229	21,001
Regular civil	16,895	19,191	16,899
Small claims	3,293	3,038	4,102
Traffic	457,223	403,360	392,946
Criminal	35,264	30,974	28,086
Non criminal	249,412	225,601	219,615
Parking violations	166,273	140,138	138,625
Other violations	40	48	36
Administrative reviews	6,234	6,599	6,584
Other violations	2,294	2,361	1,744
Criminal actions	26,941	23,352	24,674
Part I offenses	4,150	3,980	4,247
Part II offenses	22,791	19,372	20,427

1/ In previous *Data Books,* for 2010 and 2011, it was noted that the *Data Book* figures excluded cases transferred back to the Supreme Court which were 8 for 2010 and 7 for 2011. These transfers, however, were counted in the figures presented in the *Data Book.*

2/ New type of case which began in fiscal year 2011-2012.

Source: The Judiciary, State of Hawaii, *Annual Report Statistical Supplement* (annual) <https://www.courts.state.hi.us/news_and_reports/reports/annual_report_stat_sup_archive.html> accessed May 8, 2013.

Table 4.19-- INMATES PRESENT IN STATE CORRECTIONAL FACILITIES: ANNUAL AVERAGE, 1997 TO 2012

[Mean head count for fiscal year ending June 30]

Year	Total	Adult facilities 1/				Juvenile facilities 5/	
		Sentenced felons 2/	Sentenced jail 3/	Not sentenced	Technical violators 4/	Boys	Girls
1997	3,450	1,557	343	994	498	50	8
1998	4,157	1,662	432	1,348	644	61	10
1999	3,811	1,456	438	1,163	667	60	27
2000	3,669	1,426	337	1,062	752	75	17
2001	3,855	1,687	318	974	801	58	17
2002	3,988	1,797	363	949	794	70	15
2003	3,943	1,809	430	867	751	69	17
2004	4,130	1,915	506	890	740	65	14
2005	3,990	1,846	459	932	694	6/ 52	6/ 7
2006	3,921	1,781	312	1,036	733	6/ 47	6/ 12
2007	3,708	1,705	262	1,062	615	6/ 52	6/ 12
2008	3,553	1,661	337	912	571	6/ 59	6/ 13
2009	3,487	1,644	426	818	525	6/ 64	6/ 10
2010	3,374	1,496	435	867	503	6/ 58	6/ 15
2011	7/ 3,539	1,550	325	1,005	608	6/ 7/ 37	6/ 7/ 14
2012	3,765	1,599	408	995	703	6/ 45	6/ 15

1/ Included eight facilities up until November 19, 2010: Oahu, Hawaii, Kauai, and Maui Community Correctional Centers; Kulani Correctional Facility, Halawa Correctional Facility, Women's Community Correctional Center, and Waiawa Correctional Facility. On November 20, 2009, Kulani Correctional Facility was closed so there were only seven facilities by the end of Fiscal Year 2009-2010.

2/ For 1997 and 1998, excludes sentenced felons incarcerated in three contracted out-of-state facilities; for 1999 through 2006, excludes sentenced felons incarcerated in four contracted out-of-state facilities; for 2007, excludes sentenced felons incarcerated in five contracted out-of-state facilities; for 2008 and 2009, excludes sentenced felons incarcerated in three contracted out-of-state facilities; and for 2010 to the present, excludes sentenced felons incarcerated in two contracted out-of-state facilities. Also excludes jail inmates held in the Federal Detention Center from 2002 to the present.

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/ Hawaii Youth Correctional Facility.

6/ From 2005, figures include only youths physically housed in juvenile facility.

7/ Revised from previous *Data Book*.

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 2012

[Fiscal year ending 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]

	Median age (years) 1/		Average sentence (months)		
			Felons admitted		
Year	At admission	Current	Minimum	Maximum	Felons released 2/
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
2008	35.5	38.9	(NA)	(NA)	42.3
2009	35.7	39.2	(NA)	(NA)	43.0
2010	35.5	39.5	(NA)	(NA)	47.9
2011	36.4	40.5	(NA)	(NA)	51.4
2012	36.1	39.6	(NA)	(NA)	47.9

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 2012

[Fiscal year ending June 30]

Year	Population at contracted facilities	Assigned total inmate population 1/	Percent 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
2008	2,014	6,014	33.5
2009	2,077	6,005	34.6
2010	1,940	5,987	32.4
2011	1,667	6,090	27.4
2012	1,677	6,073	27.6

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: 2009 TO 2012

[Fiscal year ending June 30]

Item	2009	2010	2011	2012
Number of parolees, June 30 1/ 2/	1,869	1,862	1,839	1,632
In Hawaii 2/	1,794	1,792	1,791	1,590
Outside Hawaii 3/	205	296	280	268
In institution	94	102	96	59
Whereabouts unknown	75	70	48	42
Minimum imprisonment terms fixed	2,692	2,751	2,161	2,585
Number of persons for whom minimum terms fixed	740	760	622	744
Number of parole consideration hearings	2,204	2,115	2,188	2,246
Paroles granted	736	718	687	684
Paroles denied	1,367	1,233	1,232	1,346
Paroles deferred/continued	100	161	266	214
Escape	1	2	3	2
Persons considered for parole	1,749	1,667	1,852	1,612
Parole violation hearings	297	243	279	261
Parole revoked, returned to prison	259	220	236	217
Continued on parole/deferred	38	23	43	44
Pardon investigations conducted	58	68	96	54
Persons recommended for pardon	20	28	38	35
Persons discharged from parole	435	335	362	486
Full parole term before discharge	287	225	249	287
Early discharge	126	96	91	188
Deceased	22	14	22	11

1/ Includes courtesy supervision to 41 interstate cases as of June 30, 2012.

2/ Beginning in 2009, the "In Hawaii" figure includes the "Outside Hawaii" and the "In institution" parolees. Therefore, the "Number of parolees, June 30" total is the sum of only the "In Hawaii" and the "Whereabouts unknown" figures which differs from previous years.

3/ Includes 129 Hawaii cases on reciprocal parole supervision on U.S. mainland as of June 30, 2012. Also includes 139 Hawaii cases that were deported, are in protective custody or have dual supervision as of June 30, 2012.

Source: Hawaii State Department of Public Safety, Hawaii Paroling Authority, annual reports and "2012 Annual Statistical Report - Fiscal Year 2012 - July 1, 2011 to June 30, 2012 - Hawaii Paroling Authority" <http://dps.hawaii.gov/wp-content/uploads/2012/09/HPA-Annual-Report-for-FY-2012.pdf> accessed June 24, 2013.

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: 2012* , Section 6.

Table Number **Table Name**

(Click on the table number to go to corresponding table)

Narrative

05.01	Great Circle Distance Between Specified Places
05.02	Latitude and Longitude of Selected Places
05.03	Time Difference Between Honolulu and Selected Cities
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05.07	Land Area of Counties: 2010
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05.09	Major and Minor Islands in the Hawaiian Archipelago
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Table 5.01-- GREAT CIRCLE DISTANCE 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 DISTANCE 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; and E. H. Bryan, Jr., *American Polynesia and the Hawaiian Chain* (1942), pp. 38, 42, and 134.

Table 5.02-- LATITUDE AND LONGITUDE 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'
Laau Point	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; and Hawaii State Department of Accounting and General Services, Survey Division and records.

Table 5.03-- TIME DIFFERENCE 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: 2009 HYP Media Finance LLC., *The Official Hawaiian Telcom White Pages O'ahu 2009,* pp. 20-23, and "Time Zone Converter" at <http://www.timezoneconverter.com/cgi-bin/tzc.tzc> accessed November 26, 2008.

Table 5.04-- WIDTH AND DEPTH 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-Maro Reef	155.5	250.3	12,300	3,749
Maro 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; and
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 3/	
	Statute miles	Kilometers 2/	Statute miles	Kilometers 2/
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/ 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.

3/ 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.

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: 2010

[See maps]

Measurement unit and type of area	State total	Hawaii	Maui	Kalawao	Honolulu	Kauai
Square miles	6,422.6	4,028.4	1,161.5	12.0	600.7	620.0
Square kilometers	16,634.5	10,433.6	3,008.3	31.1	1,555.9	1,605.7

Source: U.S. Census Bureau, 2010 Census Redistricting Data (Public Law 94-171) Summary File (February 2011); and calculations by the Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center.

Table 5.08-- LAND AREA OF ISLANDS: 2010

Island	Square miles	Square kilometers
State total	6,422.63	16,634.53
Hawaii	4,028.42	10,433.55
Maui	771.99	1,999.45
Molokini	0.036	0.093
Kahoolawe	44.6	115.5
Lanai	141.07	365.36
Molokai	260.46	674.58
Oahu	597.64	1,547.88
Kauai	552.35	1,430.59
Niihau	67.60	175.09
Lehua	0.444	1.149
Kaula	0.247	0.640
Northwestern Hawaiian Islands 1/	3.100	8.030
Nihoa	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; U.S. Census Bureau, 2010 Census Redistricting Data (P.L. 94-171) Summary File (February 2011), and calculations by the Hawaii State Department of Business, Economic Development & Tourism, Office of Planning and the Hawaii State Data Center, 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-- ELEVATION 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 Kaleihoohie	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

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Table 5.11-- ELEVATION 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); and 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; and "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	Kalialinui-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	Palikea 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; and 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); and 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; and 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 2012

[As of December 31, 2012. 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 (km2)	Volume (km3)
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	2/ 10,955	ER	900	124.6	3.62-3.88
2008: March 19	-	2/ 1,748	C	1,080	(3/)	(3/)

1/ C, summit caldera; ER, east rift zone; NER northeast rift zone; S, summit area; SWR, southwest rift zone.
2/ Revised from previous *Data Book.*
3/ Primarily explosive with very little material produced.
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> and records.

Table 5.18-- MAJOR EARTHQUAKES: 1838 TO 2012

[As of December 31, 2012. 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 2012 -- 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
2009: April 14, 12:44 PM	9 miles south of Volcano, Hawaii	5.0

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; and U.S. Geological Survey, Earthquake Hazards Program, <http://earthquake.usgs.gov/eqcenter/eqinthenews/> and records.

Table 5.19-- EARTHQUAKES WITH INTENSITIES ON OAHU OF V OR GREATER: 1859 TO 2012

[As of December 31, 2012]

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; and 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 2012

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
2011: March 11	Kahului, Maui	Japan	2.0	7	-	(NA)

NA Not available.

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; and National Oceanic and Atmospheric Administration, National Geophysical Data Center, Tsunami Runup database <http://www.ngdc.noaa.gov/nndc/struts/form?t=101650&s=167&d=166> accessed March 11, 2013.

Table 5.21-- MAJOR DAMS

[Includes all dams whose maximum storage equals or exceeds 600 acre-ft.]

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	57	7,100	5,082	3,685
Ho'omaluhia Dam	Kaneohe, Oahu	Flood control, recreation	1980	83	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	112	600	2,540	1,070
Puukapu Dam	Waimea, Hawaii	Flood control	1965	12	4,340	1,450	(NA)
Kaloko Reservoir	Kilauea, Kauai	Irrigation	1890	44	1,800	1,400	(NA)
Wailua Reservoir	Wailua, Kauai	Irrigation	1920	40	1,080	1,223	(NA)
Kitano Reservoir	Kekaha, Kauai	Irrigation	1928	38	720	1,120	110
Kapaia Reservoir	Hanamaulu, Kauai	Irrigation, water supply	1910	50	1,050	1,114	1,105
Ku Tree Reservoir	Wahiawa, Oahu	Other	1925	97	550	1,085	(NA)
Papuaa Reservoir	Omao, Kauai	Irrigation	1920	43	2,000	921	(NA)
Puu Lua Reservoir	Kekaha, Kauai	Fish & Wildlife, other	1925	105	640	888	(NA)
Upper Helemano Reservoir	Waialua, Oahu	Irrigation	1912	46	530	700	(NA)
Aepoeha Reservoir	Kukuila, Kauai	Irrigation	1913	42	600	670	(NA)
Mauka Reservoir	Koloa, Kauai	Irrigation	1910	19	550	600	(NA)

NA Not available.

Source: Hawaii State Department of Land & Natural Resources/Engineering Division, Flood Control & Dam Safety Section, records and <http://www.hidlnr.org/eng/dam/Inventory.aspx> accessed March 20, 2013.

Table 5.22-- FRESH WATER USE, BY TYPE, BY COUNTY: 2005

[Million gallons per day]

Use	State total	Hawaii	Honolulu	Kalawao	Kauai	Maui
Total	1,893.40	124.75	1,593.32	0.02	49.35	125.96
Ground water	1,803.39	105.47	1,557.65	0.02	39.91	100.34
Public supply	249.41	37.23	152.65	0.02	26.45	33.06
Domestic	12.20	8.27	0.19	-	1.84	1.90
Industrial	30.98	24.42	4.93	-	-	1.63
Irrigation	23.63	7.31	7.31	-	0.58	8.43
Livestock	0.75	-	0.34	-	0.18	0.23
Aquaculture	2.23	1.46	0.77	-	-	-
Mining	1.42	0.62	0.39	-	0.06	0.35
Thermoelectric	1,482.77	26.16	1,391.07	-	10.80	54.74
Surface water	90.01	19.28	35.67	-	9.44	25.62
Public supply	11.43	-	-	-	0.75	10.68
Domestic	-	-	-	-	-	-
Industrial	-	-	-	-	-	-
Irrigation	74.21	16.48	34.69	-	8.69	14.35
Livestock	1.32	1.32	-	-	-	-
Aquaculture	2.61	1.48	0.98	-	-	0.15
Mining	0.44	-	-	-	-	0.44
Thermoelectric	-	-	-	-	-	-

Source: U.S. Geological Survey, Water Resources, *Water Use in the United States, Estimated Use of Water in the United States County-Level Data for 2005* <http://water.usgs.gov/watuse/data/2005/> accessed June 1, 2012.

Table 5.23-- WATER SERVICES AND CONSUMPTION, FOR COUNTY WATERWORKS: 2010 TO 2012

[Services as of June 30; consumption during the year ending June 30]

Geographic area	Number of services			Consumption (million gallons)		
	2010	2011	2012	2010	2011	2012
State total	270,666	271,232	(NA)	78,028	75,678	(NA)
City and County of Honolulu	174,046	174,269	175,281	52,060	50,238	49,128
Honolulu District 1/	67,969	68,071	68,463	23,063	22,680	21,792
Rest of Oahu	106,077	106,198	106,818	28,997	27,558	27,336
Hawaii County	41,409	41,528	41,786	9,505	8,806	9,073
Kauai County	19,600	19,737	(NA)	4,249	4,263	(NA)
Maui County	35,611	35,698	35,753	12,214	12,371	12,675
Maui	33,947	34,038	34,090	11,916	12,089	12,410
Molokai	1,664	1,660	1,663	298	282	265

NA Not available.

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 2011 TO APRIL 2012

[Estimated monthly average]

Rank	User	Gallons (1,000)
1	Marine Base in Kaneohe	53,769
2	Chevron USA Inc.	37,422
3	Airport Maintenance- 2980 Aolele Street	22,081
4	Hilton Hotels - 2003 Kalia Road	18,933
5	Halekoa Hotel Ilima Tower	16,649
6	Airport Maintenance - 530 Paiea Street	15,246
7	Hawaii Kai Golf Course	12,135
8	Honolulu Zoo	11,929
9	University of Hawaii - 2566 Dole Street	11,029
10	Tesoro Hawaii Corp.	10,798
11	Sand Island Treatment Plant	10,335
12	Sheraton Waikiki Hotel	10,277
13	United Laundry Service	10,164
14	University of Hawaii	8,801
15	Hilton Hotels - 2005 Kalia Road	8,445
16	Kapiolani Park	7,959
17	Kailua Treatment Plant	7,847
18	University of Hawaii - 2444 Dole Street	7,058
19	Terraza-Corte Bella Associates	6,563
20	Hyatt Regency Waikiki	6,513
21	Ala Wai Golf Course	6,224
22	Magic Island Park	6,073
23	Mayor Wright Housing	5,896
24	Halekoa Hotel Maile Tower	5,797
25	Halawa Security Facility	5,708

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/ (NA)
Naval Computer & Telecommunications Area 4/	Pearl Harbor	5/31/94	(NA)
Pearl Harbor Naval Complex 5/	Pearl Harbor	10/14/92	(NA)
Schofield Barracks (US Army) 6/	Wahiawa	8/30/90	8/30/00

NA Not available.

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, EPA delisted the Poamoho section of the Site from NPL list on January 13, 2004.

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 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/region9/cleanup/pacific.html> accessed May 28, 2013.

Table 5.27-- TOXIC CHEMICAL RELEASES IN 2009, HAZARDOUS WASTE SITES IN 2008, AND HAZARDOUS WASTE GENERATED, SHIPPED, AND RECEIVED IN 2009

Category	Unit
Toxic chemical releases in 2009 1/	2.9
On-site releases 2/	2.6
Air emissions	2.2
Off-site releases, transfers to disposal	0.3
Hazardous waste sites in 2008 3/	3
Federal	2
Non-federal	1
Hazardous waste generated, shipped, and received in 2009 4/	
Generated	1.0
Shipped	1.0
Received	0.2

1/ In millions of pounds.

2/ Includes other types of release 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.

Source: U.S. Environmental Protection Agency, as cited in U.S. Census Bureau, *Statistical Abstract of the United States: 2012,* tables 383, 384 and 385.

Table 5.28-- WATER QUALITY AT PUBLIC BEACHES, BY ISLAND: 2011 AND 2012

Island	Number of locations	Number of samples	Enterococci density 1/			
			Lowest 2/	Highest 3/	Number over 4/	Mean 5/
2011						
State total	187	4,677	2.3	182.2	63	7.4
Hawaii	59	1,717	2.3	26.1	25	7.7
Hilo Shoreline	29	957	2.3	26.1	15	9.3
Kona Shoreline	30	760	2.3	19.8	10	6.1
Maui	62	1,029	2.3	57.1	11	6.2
Lanai	-	-	(X)	(X)	(X)	(X)
Molokai	-	-	(X)	(X)	(X)	(X)
Oahu	27	947	2.3	64.0	8	5.8
Kauai	39	984	2.3	148.3	19	10.3
2012						
State total	171	4,408	5.6	123.4	170	12.9
Hawaii	55	1,507	10.0	46.5	55	(NA)
Hilo Shoreline	27	737	10.0	36.7	27	13.2
Kona Shoreline	28	770	10.0	46.5	28	11.7
Maui	62	1,117	5.6	14.7	29	12.2
Lanai	-	-	(X)	(X)	(X)	(X)
Molokai	-	-	(X)	(X)	(X)	(X)
Oahu	29	890	10.0	17.3	29	12.2
Kauai	25	894	10.0	123.4	25	17.6

X Not applicable.

NA Not available.

1/ Geometric mean, number per 100 ml. The geometric mean standard for Enterococci density was 35 per 100 ml. in 2011 and 35 per 100 ml. in 2012.

2/ The lowest reported average value for 2011 was shared by 29 stations, one of whick was Honuapo Landing on the island of Hawaii. The lowest reported average value for 2012 was at Polo Beach on the island of Maui.

3/ The highest average value in 2011 was reported for End of Weke Road, on the island of Kauai. The highest average value in 2012 was reported for End of Weke Road on the island of Kauai.

4/ Refers to number of samples over the geometric mean standard for Enterococci density which was 35 per 100 ml. in 2011 and 35 per 100 ml. in 2012.

5/ 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: 2011 AND 2012

Island and beach	Number of samples		Enterococci density 1/	
	2011	2012	2011	2012
Hawaii	1,717	1,507	(X)	(X)
Hilo Shoreline	957	737	(X)	(X)
Hilo Bay (Canoe Beach)	88	70	10.1	13.2
Honolii Cove (Ocean)	88	70	10.1	20.1
Kona Shoreline	760	770	(X)	(X)
Anaehoomalu Bay	93	90	4.6	11.0
Kahaluu Beach Park	93	90	6.1	12.2
Spencer Beach Park	11	13	5.1	11.1
Maui	1,029	1,117	(X)	(X)
Hukilau Hotel shoreline	81	91	6.7	11.9
Kamaole Beach #1	97	99	5.8	10.1
Kihei (south)	97	99	10.2	10.5
Spreckelsville Beach	81	91	5.5	11.0
Wailea Beach	79	90	5.7	10.6
Oahu	947	890	(X)	(X)
Ala Moana Park (center)	74	68	7.0	13.9
Hanauma Bay	63	51	4.3	12.0
Kailua Beach Park	60	51	6.8	14.5
Kuhio Beach	73	36	9.1	12.4
Makaha Beach	3	8	2.3	11.5
Sunset Beach	6	16	13.5	10.9
Waimea Beach	6	16	8.5	10.4
Kauai	984	894	(X)	(X)
Hanapepe Salt Pond	93	93	4.9	10.6
Kalapaki Beach (middle)	93	95	15.2	16.9
Kekaha (Oomano Point)	3	21	2.3	11.6
Lydgate Park (wading pool)	94	92	8.2	15.5
Poipu Beach Pavilion	91	94	4.8	10.6

X Not applicable.

1/ Geometric mean, number per 100 ml. The geometric mean standard for Enterococci density was 35 per 100 ml. in 2011 and 35 per 100 ml. in 2012.

Source: Hawaii State Department of Health, Clean Water Branch, records.

Table 5.30-- REFUSE AND SEWAGE STATISTICS FOR OAHU: 1999 TO 2012

[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	
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
2008	883,365	447,972	435,393	39,217
2009	824,633	377,562	447,071	38,018
2010	777,069	326,201	450,868	38,549
2011	778,158	306,939	471,219	38,307
2012	746,368	285,153	461,215	36,517

Year	Sewage pumped 2/ (millions of gallons)	Miles of sewers 2/	City and County pump stations	City and County treatment plants
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
2008	49,538	2,105	67	9
2009	50,093	2,105	69	9
2010	47,051	2,105	72	9
2011	48,679	2,226	72	9
2012	45,778	2,226	72	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 2012

[Annual arithmetic means, in micrograms per cubic meter ($\mu g/m^3$), 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} ($\mu g/m^3$) 1/	CO (ppm) 2/	Year	PM_{10} ($\mu g/m^3$) 1/	CO (ppm) 2/
1988	-	1.7	2001	16	0.6
1989	-	1.8	2002	15	0.6
1990	-	1.5	2003	15	0.6
1991	-	1.7	2004	13	0.6
1992	-	1.6	2005 3/	14	0.6
1993	13	1.8	2006 4/	13	0.4
1994	14	0.8	2007	14	0.5
1995	14	0.8	2008	14	0.5
1996	14	0.8	2009	13	0.4
1997	8	0.8	2010	12	0.4
1998	9	0.8	2011	12	0.4
1999	14	0.6	2012	12	0.4
2000	14	0.7			

1/ The State Ambient Air Standard for PM_{10} annual average is 50 $\mu g/m^3$. 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: 2012

Sampling station	PM_{10} ($\mu g/m^3$) 1/			Sulfur dioxide (ppm) 2/		
	Annual range 24-hr		Annual arithmetic average	Annual range 1-hr		Annual arithmetic average
	Minimum	Maximum		Minimum	Maximum	
Oahu						
Downtown Honolulu	1	32	12	-	0.031	0.001
Pearl City	7	37	19	(X)	(X)	(X)
Kapolei	2	40	16	0.000	0.012	0.002

X Not applicable.

1/ Particulate matter up to 10 microns in diameter. The State and Federal Ambient Air Standard for 24-hr PM10 is 150 $\mu g/m^3$.

2/ The State Ambient Air Standard for 24-hr SO_2 is 0.14 ppm. Federal standard for SO_2 is now a 1 hour average not to exceed 75 ppb (0.075 ppm).

Source: Hawaii State Department of Health, Environmental Management Division, Clean Air Branch, records.

Table 5.33-- RELEASE OF TOXICS: 1999 TO 2011

[In pounds]

Year	Release 1/					
	Total	Air	Water	On-site 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	3,170,737	2,358,741	296,415	227,719	6,601	281,261
2005	3,102,730	2,311,635	522,217	89,734	2,736	176,408
2006	3,022,392	2,254,027	358,266	174,678	4,743	230,678
2007	3,015,602	2,266,925	446,948	143,011	2,670	156,048
2008	3,245,524	2,277,988	549,838	169,076	3,471	245,151
2009	2,947,241	2,228,566	222,963	147,530	4,477	343,705
2010	2,495,605	1,739,249	452,359	171,221	2,603	130,173
2011	2,597,069	1,845,550	409,370	124,224	3,722	214,203

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.

Source: U.S. Environmental Protection Agency, *Hawaii Report: Toxics Release Inventory* (annual) <http://www.epa.gov/region9/tri/report/11/tri-2011hawaii-report.pdf> accessed May 28, 2013.

Table 5.34 -- RELEASE OF PERSISTENT, BIOACCUMULATIVE AND TOXIC (PBT) CHEMICALS: 2002 TO 2011

[In pounds; for dioxin and dioxin-like compounds in grams]

Year	Total on- and off-site disposal or other releases 1/				
	Lead and lead compounds	PAC's 2/	Mercury and mercury compounds	Benzo (g,h,i) perylene	Dioxin 3/
2002	91,912	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	46,192	1,683	211	213.00	5.100
2006	90,131	1,467	127	7.00	5.000
2007	84,110	1,271	203	6.00	5.080
2008	91,106	1,288	293	6.00	0.010
2009	107,782	2,276	147	16.00	4.080
2010	93,115	1,328	553	6.00	4.110
2011	74,478	1,798	231	8.00	4/ 0.009

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) unless otherwise specified.

4/ Dioxin and dioxin-like compounds data are reported in grams but have been converted to pounds in table for consistency.

Source: U.S. Environmental Protection Agency, *Hawaii Report: Toxics Release Inventory* (annual) <http://www.epa.gov/region9/tri/report/11/tri-2011hawaii-report.pdf> accessed May 28, 2013.

Table 5.35-- ATMOSPHERIC CARBON DIOXIDE MEASUREMENTS AT MAUNA LOA: ANNUAL MEAN VALUES, 1958 TO 2012

[Average carbon dioxide mixing ratio, parts per million]

Year	Annual average	Year	Annual average	Year	Annual average
1958	1/ 315.17	1977	333.79	1996	362.40
1959	315.83	1978	335.35	1997	363.54
1960	316.75	1979	336.73	1998	366.61
1961	317.49	1980	338.72	1999	368.33
1962	318.30	1981	340.12	2000	369.62
1963	318.83	1982	341.21	2001	371.20
1964	2/ 319.04	1983	342.87	2002	372.99
1965	319.87	1984	344.48	2003	375.82
1966	321.21	1985	345.85	2004	377.54
1967	322.02	1986	347.21	2005	379.97
1968	322.83	1987	348.98	2006	381.89
1969	323.93	1988	351.34	2007	383.86
1970	325.27	1989	352.89	2008	385.61
1971	326.17	1990	354.26	2009	387.33
1972	327.26	1991	355.45	2010	389.80
1973	329.45	1992	356.58	2011	391.72
1974	1/ 329.72	1993	357.01	2012	393.82
1975	3/ 331.14	1994	358.51		
1976	332.04	1995	360.62		

1/ Based on data for 8 months.
2/ Based on data for 9 months.
3/ Based on data for 11 months.

Source: National Weather Service, Pacific Region, Honolulu (for 1958-1991); Mauna Loa Observatory (for 1992-1999); and U.S. Department of Commerce, National Oceanic & Atmospheric Administration (NOAA), Cooperative Global Air Sampling Network, Global Monitoring Division, Earth Systems Research Laboratory (ESRL), <http://www.esrl.noaa.gov/gmd/obop/mlo/> accessed July 8, 2013 and records.

Table 5.36-- TEMPERATURES AND PRECIPITATION FOR SELECTED PLACES

[Updated through December 2012]

Island and station	Ground elevation (feet)	Average temperature 1/ (°F)		Extreme temperature of record (°F)		Average annual precipitation (inches)
		Coolest month	Warmest month	Lowest	Highest	
Hawaii:						
Hilo Airport	38	66.4	81.2	53	94	127.92
Hawaii Volcanoes Nat. Park Hdq.	3,971	52.7	69.2	34	89	107.12
Naalehu	800	65.8	79.4	50	93	47.37
Kailua	700	63.5	76.2	46	88	118.66
Puako 2/	49	68.3	83.8	52	92	10.11
Waimea (Kamuela) 3/	2,671	53.9	74.1	34	95	32.68
Honokaa	1,080	(NA)	(NA)	(NA)	(NA)	78.64
Mauna Kea summit 4/	13,773	31.3	42.5	11	66	7.41
Maui:						
Hana Airport 5/	75	67.4	80.8	50	94	80.76
Haleakala summit 6/	9,964	38.9	54.6	14	73	39.43
Kihei 7/	160	64.4	86.2	49	98	13.00
Kahului Airport	51	67.3	83.8	48	97	18.36
Lahaina 8/	40	66.4	84.9	52	97	14.62
Molokai:						
Kaunakakai	12	(NA)	(NA)	(NA)	(NA)	13.68
Molokai Airport	443	67.6	81.4	46	96	25.07
Lanai:						
Lanai City 9/	1,620	62.4	75.4	47	92	34.52

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)
		Coolest month	Warmest month	Lowest	Highest	
Oahu:						
Honolulu International Airport	7	70.4	84.0	52	96	20.26
Waikiki (Honolulu Zoo)	10	69.2	84.6	42	95	23.42
Manoa (Lyon Arboretum)	500	66.6	79.0	49	96	151.11
Kaneohe (State Hospital)	48	71.3	82.8	58	96	54.07
Kahuku	13	68.6	80.9	51	99	44.43
Wheeler AFB 10/	820	68.2	75.5	52	89	38.46
Kauai:						
Kilauea (town)	390	67.1	79.5	50	90	67.86
Lihue Airport	100	69.8	81.1	50	90	40.82
Poipu (Makahuena Pt.) 6/	52	69.3	82.6	50	95	36.08
Kekaha 11/	10	64.8	84.8	44	95	21.78
Kokee (Kanalohuluhulu)	3,600	51.1	67.3	29	90	66.21
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/ Data available through 1976. Temperature data are for Mahukona.
3/ Data available through 1980.
4/ Based on incomplete and non-continuous data for 1966-1972.
5/ Data available through 2005.
6/ Data available through 1976.
7/ Temperature data available through 1982, refer to Keawakapu Beach.
8/ Data available through 2001.
9/ Data available through 2008, then restarted since June 2010.
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; and University of Hawaii at Manoa, School of Ocean and Earth Science and Technology, Department of Meterology, records.

Table 5.37-- ENVIRONMENTAL INDICATORS: 2004 TO 2006

Indicator	Unit	2004	2005	2006	Score 1/
Electric utility sales	Mil. kwh	10,477	10,550	(NA)	(NA)
Electric utility sales per capita	kwh	7,614	7,563	7,508	(NA)
Estimated greenhouse gas emissions	Mil. tons 2/	21.88	21.11	20.56	53
Municipal water consumption 3/	Mil. Gallons	78,345	77,171	80,106	39
Wastewater reuse 4/	Percent	15.7	15.7	16.4	66
Municipal solid waste diverted 5/	Percent	32.5	36	(NA)	48
Hazardous waste generated 4/	Tons	(NA)	1,458	1,519	59
Beaches posted as unsafe due to pollution	Days	33	121	529	(NA)
Oil and chemical spills 4/	Number	357	379	352	72
Safe drinking water 6/	% population served	99.5	99.1	99.6	98
State environmental expenditures 3/	$ millions	56	85	201	(NA)
Noise complaints	Number	432	453	517	54
Bikeways	Miles	214	214	(NA)	17
Bus boardings (Oahu)	Millions	61.3	67.4	71.2	57

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) <http://oeqc.doh.hawaii.gov> accessed June 30, 2009.

Table 5.38-- CLIMATIC NORMALS, MEANS, AND EXTREMES FOR HILO, KAHULUI, HONOLULU, AND LIHUE AIRPORTS: 2012

[Normals are 30-year averages (1981 - 2010)]

Subject	Hilo	Kahului	Honolulu	Lihue
Temperatures (°F)				
Normal daily maximum, annual	80.9	84.3	84.7	81.2
Highest daily maximum	94	97	95	91
Month and year of occurrence	May 1966	Aug 1994	Sep 1994	Oct 2012
Normal daily minimum, annual	66.8	67.4	70.9	70.4
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	71.2	71.8	73.1	71.6
Month	Feb	Feb	Feb	Feb
Warmest	76.4	79.7	81.9	79.7
Month	Aug	Aug	Aug	Aug
Annual	73.9	75.8	77.7	75.8
Normal no. days with maximum 90°F and above	-	17.0	18.7	0.1
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	59
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	6.8	13.0	10.4	13.5
Maximum 2-minute	37	48	40	48
Month and year of occurrence	Feb 2006	Jan 2004	Jan 2004	Dec 2007
Precipitation (inches)				
Normal, annual	126.72	17.83	17.10	37.05
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	-	0.01	0.08
Month and year of occurrence	Jan 1998	Jun 1957	Dec 2012	Dec 2005
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

Source: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Climatic Data Center, *Local Climatological Data, Annual Summary with Comparative Data, 2012,* "Normals, Means, and Extremes," for Hilo, Kahului, Honolulu, and Lihue (annual).

Table 5.39-- MONTHLY AND ANNUAL CLIMATIC DATA FOR HONOLULU INTERNATIONAL AIRPORT: 2012

[Normals are 30-year averages (1981 - 2010)]

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	80.1	66.3	73.2	88	53	2.31	14.74	0.18	6.72
February	80.2	66.1	73.1	88	53	1.99	13.68	0.06	6.88
March	81.2	67.7	74.5	88	55	2.02	20.79	0.01	17.07
April	82.7	69.4	76.1	91	57	0.63	8.92	0.01	4.21
May	84.6	70.9	77.8	93	60	0.62	7.23	0.03	3.44
June	87.0	73.4	80.2	92	65	0.26	2.46	(2/)	2.28
July	87.9	74.5	81.2	94	66	0.51	2.33	0.03	2.20
August	88.7	75.1	81.9	93	65	0.56	3.74	(2/)	3.03
September	88.6	74.4	81.5	95	66	0.70	2.74	0.05	1.40
October	86.7	73.4	80.0	94	61	1.84	11.15	0.07	7.57
November	83.9	71.4	77.6	93	57	2.42	18.79	0.03	9.15
December	81.2	68.3	74.8	89	54	3.24	17.29	0.01	8.25
Annual	84.4	70.9	77.7	95	53	17.10	20.79	0.01	17.07

Continued on next page.

Table 5.39-- MONTHLY AND ANNUAL CLIMATIC DATA FOR HONOLULU INTERNATIONAL AIRPORT: 2012-- Con.

Month	Relative humidity (percent)		Wind (miles/hour)		Percent of possible sunshine	Number of days		
						Mean		Normal
	8 A.M.	2 P.M.	Mean speed	Maximum 2-minute speed		Clear	Cloudy	Precipi-tation .01 inch or more
January	81	61	8.6	40	65	9.5	8.5	8.5
February	79	59	9.1	37	68	8.1	7.6	7.4
March	73	57	10.4	39	72	7.4	9.3	8.8
April	70	55	11.1	35	70	5.9	9.6	7.5
May	67	54	10.8	30	72	6.7	8.7	5.8
June	66	52	12.1	30	74	6.5	6.2	5.7
July	68	52	12.1	30	76	7.4	5.1	7.1
August	68	52	11.8	31	77	8.0	5.7	5.6
September	70	53	10.3	30	77	7.9	5.7	6.9
October	71	56	9.7	31	71	7.5	8.1	7.6
November	75	59	9.7	35	64	7.2	8.8	8.8
December	79	60	9.4	39	63	7.9	8.7	9.7
Annual	72	56	10.4	40	71	90.0	92.0	89.4

1/ Temperature of the ambient air.

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, 2012,* "Normals, Means, and Extremes, Honolulu, HI" (annual).

Table 5.40-- AVERAGE TEMPERATURE, PERCENT OF POSSIBLE SUNSHINE, AND PRECIPITATION, FOR HONOLULU INTERNATIONAL AIRPORT: 1960 TO 2012

Year	Average tempera-ture (°F)	Percent of possible sunshine	Precipi-tation (inches)	Year	Average tempera-ture (°F)	Percent of possible sunshine	Precipi-tation (inches)
1960	76.7	70	12.07	1990 1/	77.6	69	19.84
1961	77.2	81	14.26	1991 1/	77.7	69	17.94
1962	76.5	71	13.58	1992 1/	77.8	69	19.00
1963	76.7	64	37.91	1993 1/	77.1	69	5.84
1964	77.0	63	20.12	1994 1/	78.8	70	15.59
1965 2/	76.1	74	42.78	1995 1/	79.3	70	13.60
1966 2/	77.6	68	23.18	1996 1/	78.6	70	33.12
1967 2/	77.6	58	34.34	1997 1/	77.8	71	19.99
1968 2/	77.9	63	37.26	1998 1/	77.1	71	4.52
1969 2/	77.4	68	22.50	1999 1/	76.9	71	11.99
1970 2/	78.2	72	15.49	2000 1/	77.6	71	7.10
1971 2/	76.1	70	26.64	2001 1/	78.2	71	9.14
1972	76.2	65	26.94	2002 1/	77.9	71	12.18
1973	77.2	63	14.24	2003 1/	78.5	71	12.69
1974	77.5	61	24.02	2004 1/	78.7	71	39.01
1975	76.2	62	24.39	2005 1/	78.4	71	15.60
1976	76.8	60	12.90	2006 1/	77.1	71	29.45
1977	78.2	68	12.36	2007 1/	78.0	71	11.99
1978	76.8	69	25.05	2008 1/	78.3	71	14.76
1979	77.0	68	16.93	2009 1/	(NA)	71	11.55
1980 1/	77.4	68	26.90	2010 1/	77.5	71	17.40
1981 1/	77.1	68	13.41	2011 1/	78.3	71	15.69
1982 1/	76.9	67	34.92	2012 1/	77.2	71	8.58
1983 1/	77.2	67	5.03				
1984 1/	78.1	67	17.08				
1985 1/	76.9	67	17.38				
1986 1/	78.3	68	13.93				
1987 1/	77.9	68	23.53				
1988 1/	78.5	68	16.47				
1989 1/	77.5	68	27.52				

NA Not available.

1/ From 1980 on, data taken from "Normals, Means, and Extremes, Honolulu, HI" table, and represents a historic average rather than annual data.

2/ 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, 2012,* "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 2012

Year	Average daily maximum (°F)	Days 90° or higher	Year	Average daily maximum (°F)	Days 90° or higher
1971	82.7	-	2001	84.5	19
1972	83.2	3	2002	84.1	9
1973	84.4	10	2003	84.8	35
1974	85.0	25	2004	84.9	53
1975	83.6	1	2005	84.7	55
1976	84.1	9	2006	83.1	1
1977	85.2	16	2007	84.2	11
1978	84.2	13	2008	84.5	12
1979	84.7	51	2009	(NA)	31
1980	84.6	22	2010	84.0	1
1981	84.6	9	2011	84.6	8
1982	83.5	27	2012	83.4	-
1983	85.1	44			
1984	85.5	63			
1985	84.6	53			
1986	86.2	64			
1987	85.7	93			
1988	86.1	70			
1989	85.2	34			
1990	84.0	47			
1991	84.9	35			
1992	85.2	28			
1993	84.5	23			
1994	85.5	85			
1995	86.8	116			
1996	85.8	69			
1997	85.1	50			
1998	83.7	-			
1999	83.2	-			
2000	84.0	4			

NA Not available

Source: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Climatic Data Center, *Local Climatological Data, Annual Summary With Comparative Data, 2012,* "Meteorological Data, Honolulu, HI " (annual).

Table 5.42-- CLIMATIC DATA FOR HONOLULU INTERNATIONAL AIRPORT: 1999 TO 2012

Year	Average temperature (°F) 1/			Extreme temp. (°F)		Precipitation (inches)
	Annual	Coolest month	Warmest month	Lowest	Highest	
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
2008	78.3	73.6	82.2	62	90	14.76
2009	(NA)	72.5	82.5	58	92	11.55
2010	77.5	73.1	80.7	61	90	17.40
2011	78.3	73.4	81.5	59	90	15.69
2012	77.2	73.9	80.8	60	89	8.58

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		
1999	73	57	11.0	(NA)	(NA)	94
2000	75	60	10.9	(NA)	(NA)	67
2001	73	58	11.3	(NA)	(NA)	84
2002	72	58	10.2	(NA)	(NA)	64
2003	71	56	10.5	(NA)	(NA)	87
2004	75	61	9.7	(NA)	(NA)	122
2005	71	55	10.6	(NA)	(NA)	90
2006	66	58	9.9	(NA)	(NA)	97
2007	63	54	11.1	(NA)	(NA)	83
2008	62	53	10.0	(NA)	(NA)	92
2009	62	54	10.2	(NA)	(NA)	74
2010	63	53	10.1	(NA)	(NA)	88
2011	66	56	10.1	(NA)	(NA)	108
2012	66	57	10.7	(NA)	(NA)	51

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, 2012,* "Meteorological Data, 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, 2000 TO 2011

[In inches]

Year	Hawaii				Maui		
	Hilo Airport	Lalamilo	Kona Village	Naalehu	Kahului Airport	Kihei	Lahaina
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)
2008	127.04	7.43	7.74	7.24	9.56	5.84	(NA)
2009	132.35	9.65	6.99	12.22	14.07	7.33	(NA)
2010	63.29	7.31	5.55	5.78	9.44	4.68	(NA)
2011	97.66	9.92	3.21	21.11	10.59	7.34	(NA)

Year	Oahu				Kauai		
	Waikiki	University of Hawaii	Nuuanu Res. 4	Kane-ohe	Koloa	Lihue Airport	Princeville
2000	6.86	18.87	88.20	31.10	30.55	17.96	52.92
2001	15.73	22.69	89.49	36.32	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	95.56	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	79.09	58.24	40.51	27.41	79.95
2006	31.84	38.90	76.73	81.28	69.28	67.02	91.58
2007	18.69	36.22	93.06	45.19	43.52	24.37	72.09
2008	15.60	33.79	103.82	48.06	25.69	40.07	59.20
2009	11.56	24.22	88.12	52.50	37.21	26.63	55.30
2010	15.60	32.76	83.33	40.91	45.07	25.94	52.02
2011	23.66	27.61	82.93	62.73	51.01	42.61	76.69

NA Not available.

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; and University of Hawaii at Manoa, School of Ocean and Earth Science and Technology, Department of Meteorology, records.

Table 5.45-- MAJOR HURRICANES: 1950 TO 2012

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; and 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; and 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: 2013

[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 March 20, 2013; and 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: 2014

[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 21	5:43	5:46	5:50	5:55
Sept. 22	6:09	6:15	6:20	6:26
Dec. 21	6:50	6:58	7:04	7:12
Sunset (p.m.)				
March 20	6:31	6:37	6:43	6:49
June 21	7:02	7:10	7:16	7:24
Sept. 22	6:16	6:22	6:27	6:34
Dec. 21	5:47	5:50	5:55	6:00
Daylight (hours, minutes)				
March 20	12, 07	12, 07	12, 08	12, 08
June 21	13, 19	13, 24	13, 26	13, 29
Sept. 22	12, 07	12, 07	12, 07	12, 08
Dec. 21	10, 57	10, 52	10, 51	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 March 20, 2013; and 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: 2007 TO 2011

[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	2007	2008	2009	2010	2011
Endemic species 1/					
'Apapane	12	7	4	6	50
Hawaiian Moorhen 2/	19	17	22	32	59
Hawaiian Stilt 2/	174	181	189	135	195
Oahu 'Amakihi	7	-	3	14	40
Oahu 'Elepaio	10	-	8	-	7
Indigenous species 3/					
Black-crowned Night Heron	40	-	49	45	44
Brown Booby	5	-	1	-	7
Great Frigatebird	14	-	2	9	40
Laysan Albatross	-	-	3	2	-
Red-footed Booby	432	347	333	568	875
White Tern	11	5	5	5	20
Alien species 6/					
Cattle Egret	98	165	167	169	161
Common Myna	767	725	772	580	1,257
Common Waxbill	297	215	705	270	1,340
House Finch	138	129	114	102	134
House Sparrow	109	99	122	91	156
Japanese White-eye	151	71	207	279	230
Java Sparrow	221	69	291	72	763
Northern Cardinal	22	19	36	40	132
Nutmeg Mannikin	8	7	94	5	98
Red-billed Leiothrix	128	17	45	-	113
Red-crested Cardinal	183	118	140	49	213
Red-vented Bulbul	330	35	491	390	561
Red-whiskered Bulbul	14	32	45	141	46
Rock Dove/Pigeon	66	125	711	203	377
Spotted Dove	237	302	347	319	584
White-rumped Shama	17	10	15	53	39
Yellow-fronted Canary	39	-	2	16	43
Zebra Dove	488	340	569	542	2,155
Visitor species 7/					
Mallard	110	55	106	65	11
Pacific Golden-Plover	492	553	594	432	530
Ruddy Turnstone	205	180	411	317	414
Sanderling	4	12	5	3	77
Wandering Tattler	20	20	34	16	13

Continued on next page.

Table 5.49-- HAWAII AUDUBON SOCIETY BIRD COUNTS OF MAJOR SPECIES IN THE HONOLULU AREA: 2007 TO 2011 -- Con.

1/ Birds peculiar to Hawaii, and found nowhere else.
2/ Endangered species.
3/ Native to Hawaii, but also found elsewhere.
4/ Low count.
5/ High count.
6/ Formerly termed "introduced". Includes accidental escapes from captivity.
7/ Formerly termed "migratory". Includes stragglers and seasonal migrants.

Source: Hawaii Audubon Society, *'Elepaio,* Volume 68, Number 5, "Results of Audubon's 108th Annual Christmas Bird Count", June/July 2008; Volume 69, Number 5, "Results of Audubon's 109th Annual Christmas Bird Count", June/July 2009; Volume 70, Number 5, "Results of Audubon's 110th Annual Christmas Bird Count", June/July 2010; Volume 71, Number 5, "Results of Audubon's 111th Annual Christmas Bird Count", June/July 2011; and Volume 72, Number 5, "National Audubon Society 112th Christmas Bird Count", September/October 2012 <http://hawaiiaudubon.org/newsletter/> accessed March 20, 2013.

Table 5.50-- HAWAII AUDUBON SOCIETY BIRD COUNTS IN THE HONOLULU AREA, BY TYPE OF SPECIES: 2003 TO 2011

[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]

Year	Type of species				
	All species	Endemic	Indigenous	Alien	Visitor
2003	52	5	10	28	9
2004	56	4	9	31	12
2005	52	5	8	28	11
2006	55	5	13	27	10
2007	47	5	7	26	9
2008	40	3	5	22	10
2009	51	5	11	28	7
2010	46	4	8	27	7
2011	60	5	9	33	13

Year	Number of Individuals				
	All species	Endemic	Indigenous	Alien	Visitor
2003	8,105	183	778	6,069	1,075
2004	11,306	160	1,294	8,243	1,609
2005	7,007	106	1,143	4,673	1,085
2006	7,386	152	620	5,671	943
2007	5,021	149	695	3,445	732
2008	4,110	193	553	2,587	777
2009	6,963	149	656	5,102	1,056
2010	5,475	304	808	3,574	789
2011	11,807	512	1,242	8,985	1,068

Source: Audubon, "Historical Results: Data for a Species"<http://netapp.audubon.org/CBCObservation/Historical/ResultsByCount.aspx> accessed on July 10, 2013; Robert L. Pyle, *"Checklist of the Birds of Hawaii"* <http://www.hawaiiaudubon.com/checklist/checklist2002.pdf> accessed on June 22, 2010; and calculations by the Department of Business, Economic Development & Tourism.

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.hawaiiaudubon.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: 2007 to 2012

[As of June 30]

Location	2007	2008	2009	2010	2011	2012
Along City and County streets and highways 1/	140,765	139,650	138,800	139,200	139,300	143,400
In City and County parks	93,184	93,000	92,550	92,900	92,900	95,600

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: 2002 TO 2008

[Excludes viruses and bacteria]

Category	Species			
	2002	2005	2006	2008
Total in Hawaii and surrounding waters	25,615	27,573	26,608	26,608
Endemic to Hawaii	9,975	8,763	8,762	8,762
Nonindigenous protists, fungi, plants, and animals	5,175	5,281	5,311	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 and Bishop Museum, records.

Table 5.54-- THREATENED AND ENDANGERED SPECIES, FOR THE UNITED STATES AND HAWAII

[As of March 21, 2013]

Group	United States	Hawaii
Animal species	612	62
Amphibians	26	-
Arachnids	12	1
Birds	93	34
Clams	83	-
Corals	2	-
Crustaceans	22	1
Fishes	148	-
Insects	65	19
Mammals	85	1
Reptiles	36	4
Snails	40	2
Plant species	816	339
Conifers and cycads	3	-
Ferns and allies	30	16
Flowering plants	781	323
Lichens	2	-

Source: U.S. Fish & Wildlife Service, Threatened and Endangered Species System (TESS) <http://ecos.fws.gov/tess_public> accessed March 21, 2013.

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: 2012* .

Table Number **Table Name**

(Click on the table number to go to corresponding table)

Narrative

06.01	Land Ownership, Cover, or Use: 1982 to 2007
06.02	Land Use and Structural Characteristics of Oahu: 1994 and 1998
06.03	Estimated Acreage of Land Use Districts: 1969 to 2012
06.04	Estimated Acreage of Land Use Districts, by Island: December 31, 2012
06.05	Number of Land Records, by County: 1991 to 2013
06.06	Real Property Tax Exemptions for Cemeteries, Churches, Hospitals and Schools, by County: 2013
06.07	Major Landowners by Island, by Type: 2011
06.08	Real Property Owned by or Leased to the Federal Government: 2005 to 2010
06.09	Department of Hawaiian Home Lands Acreage, Lessees, and Applicants, by Island: 2010 to 2012
06.10	State Public and Set-Aside Land Inventory, by County: January 10, 1999

Table 6.01-- LAND OWNERSHIP, COVER, OR USE: 1982 TO 2007

[In thousands of acres, unless otherwise indicated. Based on sample data and subject to sampling variation. Small differences between reported values accordingly may not be statistically significant. Margins of error may be available in reports]

Land ownership, cover, or use	1982	1987	1992	1997 1/	2002 1/	2007 1/
Total surface area	4,158.4	4,158.4	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	361.2	361.2
Water area	52.5	52.6	52.4	52.4	52.5	52.5
Nonfederal land	3,784.4	3,717.8	3,716.3	3,744.8	3,744.7	3,744.7
Developed 3/	159.8	164.2	185.1	192.3	207.3	217.6
Rural 3/	3,624.6	3,553.6	3,531.2	3,552.5	3,537.4	3,527.1
Land cover or use 4/						
Nonfederal rural land 3/	3,624.6	3,553.6	3,531.2	3,552.5	3,537.4	3,527.1
Cropland 3/	301.1	297.1	276.2	247.3	159.7	126.9
Cultivated 3/	275.7	262.5	231.6	198.2	106.7	87.2
Irrigated 3/	150.2	145.0	108.6	68.8	68.0	59.7
Nonirrigated 3/	125.5	117.5	123.0	129.4	38.7	27.5
Noncultivated 3/	5/ 25.4	34.6	44.6	49.1	53.0	39.7
Irrigated 3/	7.1	9.5	27.0	28.2	26.7	13.6
Nonirrigated 3/	5/ 18.3	5/ 25.1	5/ 17.6	20.9	5/ 26.3	5/ 26.1
Pastureland 3/	42.9	32.8	35.4	36.5	54.0	60.3
Rangeland 3/	1,027.5	1,014.9	1,029.7	1,024.6	1,066.8	1,082.4
Forest land 3/	1,656.4	1,628.0	1,616.5	1,632.4	1,629.3	1,627.4
Other rural land 3/	596.7	580.8	573.4	611.7	627.6	630.1
Prime farmland, by cover or use 6/						
Total rural land	271.6	260.1	249.7	249.2	248.5	245.5
Cropland 3/	182.5	181.6	169.4	150.7	97.9	76.7
Conservation Reserve Prog. land 7/	(X)	-	-	-	-	-
Pastureland 3/	21.6	14.5	15.2	15.1	25.3	33.4
Rangeland 3/	39.3	37.0	36.0	43.0	75.5	83.4
Forest land 3/	25.4	23.8	24.9	25.7	5/ 26.3	5/ 25.8
Other rural land 3/	2.8	3.2	4.2	14.7	23.5	26.2
Sheet or rill erosion, tons per acre						
Nonfederal rural land						
Cropland	5.8	5.5	5.2	2.5	3.1	3.4
Cultivated	6.0	5.8	5.6	2.4	3.1	3.3
Noncultivated	5/ 3.3	5/ 2.8	2.9	2.9	2.9	3.6
Conservation Reserve Prog. land 7/	(X)	-	-	-	-	-
Pastureland	0.8	0.7	0.7	0.6	0.8	0.7

Continued on next page.

Table 6.01-- LAND OWNERSHIP, COVER, OR USE: 1982 TO 2007-- Con.

Land ownership, cover, or use	1982	1987	1992	1997 1/	2002 1/	2007 1/
On water areas & nonfederal land						
Total wetlands & deepwater habitats	(X)	(X)	(X)	(X)	(X)	113.4
Palustrine & estuarine wetlands	(X)	(X)	(X)	(X)	(X)	62.5
Palustrine	(X)	(X)	(X)	(X)	(X)	60.4
Estuarine	(X)	(X)	(X)	(X)	(X)	5/ 2.1
Other aquatic habitats	(X)	(X)	(X)	(X)	(X)	50.9
Lacustrine	(X)	(X)	(X)	(X)	(X)	5.2
Other 8/	(X)	(X)	(X)	(X)	(X)	45.7
Total Palustrine & estuarine wetlands	(X)	(X)	(X)	(X)	(X)	62.5
Cropland, pastureland, CRP land	(X)	(X)	(X)	(X)	(X)	5/ 1.5
Rangeland	(X)	(X)	(X)	(X)	(X)	5/ 3.0
Forest land	(X)	(X)	(X)	(X)	(X)	44.0
Other rural land	(X)	(X)	(X)	(X)	(X)	5/ 11.1
Developed land	(X)	(X)	(X)	(X)	(X)	5/ 0.1
Water areas	(X)	(X)	(X)	(X)	(X)	2.8

X Not applicable.

1/ Annual NRI surveys were conducted in 2001, 2002 and 2003 but only covered the 48 contiguous states. Later estimates were to 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. See also *2007 National Resources Inventory Summary* (December 2009) and *NRI 2007 - Soil Erosion* (April 2010). Results for Hawaii were released in a 2012 supplement that included 2002 and 2007 and revisions to earlier estimates.

2/ Includes ceded land; excludes leased land and submerged land.

3/ Revised from previous *Data Book.*

4/ 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.

5/ Confidence interval includes zero and so the estimate should not be used.

6/ 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.

7/ CRP 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.

8/ Includes Estuarine deepwater, and all Riverine and Marine systems.

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; and Ibid. *2007* Supplemental *Hawaii 2007 NRI Summary Report* (June 2012) <http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/technical/nra/nri> accessed July 12, 2012.

Table 6.02-- LAND USE AND STRUCTURAL CHARACTERISTICS OF OAHU: 1994 AND 1998

Subject	June 1994	June 1998		
	Oahu total	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 2012

[Total acreage, including inland water, as classified by the Hawaii State Land Use Commission under 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
2007: December 4/	4,112,388	198,141	1,973,631	1,929,746	10,870
2008: December 4/	4,112,388	198,296	1,973,631	1,928,860	11,602
2009: December 4/	4,112,388	198,492	1,973,631	1,928,663	11,602
2010: December 4/	4,112,388	198,549	1,973,846	1,928,391	11,602
2011: December 4/	4,112,388	198,622	1,973,846	1,928,318	11,602
2012: December 4/	4,112,388	199,970	1,973,846	1,926,971	11,602

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, 2012

[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	199,970	1,973,846	1,926,971	11,602
Hawaii 3/	2,573,400	54,140	1,304,347	1,212,891	2,023
Maui 3/	465,800	23,727	194,836	243,184	4,053
Kahoolawe	28,800	-	28,800	-	-
Lanai	90,500	3,330	38,197	46,566	2,407
Molokai	165,800	2,539	49,768	111,627	1,866
Oahu	386,188	101,661	156,829	127,698	-
Kauai	353,900	14,573	198,769	139,305	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 2013

[For fiscal year ending June 30. Beginning with 1993 report, does not include non-taxable properties]

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
2009	514,029	274,483	67,981	139,167	32,398
2010	518,031	276,582	68,930	139,649	32,870
2011	520,822	277,581	70,365	139,883	32,993
2012	523,957	278,825	71,101	140,008	34,023
2013	525,356	279,754	71,234	140,196	34,172

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, 2012-2013 Tax Year, State of Hawaii* (July 2012) and <https://www.realpropertyhonolulu.com/portal/rpadcms/Reports?parent=REPORTS> accessed September 6, 2012; and earlier reports; and reports as the Department of Finance.

Table 6.06-- REAL PROPERTY TAX EXEMPTIONS FOR CEMETERIES, CHURCHES, HOSPITALS AND SCHOOLS, BY COUNTY: 2013

[For fiscal year ending June 30]

Category	Cemeteries	Churches	Hospitals	Schools
NUMBER				
State total	110	1,528	95	225
Honolulu	43	855	79	145
Maui	7	227	11	10
Hawaii	47	298	2	67
Kauai	13	148	3	3
AMOUNT ($1,000)				
State total	50,875	2,193,728	748,695	987,383
Honolulu	38,121	1,686,505	679,675	812,969
Maui	1,046	233,053	37,166	67,478
Hawaii	4,333	162,732	18,023	85,567
Kauai	7,375	111,438	13,831	21,369

Source: City and County of Honolulu, Department of Budget and Fiscal Services, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates & Exemptions, 2012-2013 Tax Year, State of Hawaii* (July 2012) and <https://www.realpropertyhonolulu.com/portal/rpadcms/Reports?parent=REPORTS> accessed September 6, 2012.

Table 6.07-- MAJOR LANDOWNERS BY ISLAND, BY TYPE: 2011

[In acres. As of November 2009 for Kauai County, June 2011 for Maui County and July 2011 for Hawaii and Honolulu counties]

Rank	Landowner	Total acres	Hawaii	Kahoolawe	Kauai	Lanai	Maui	Molokai	Niihau	Oahu
1	Gov't. - State (including DHHL)	1,534,792.1	1,088,399.0	28,536.7	155,674.2	541.1	127,896.7	48,961.0	127.1	84,656.2
	Gov't. - State (excluding DHHL)	1,341,086.5	974,452.0	28,536.7	136,159.0	512.7	96,999.9	24,196.2	127.1	80,102.9
	Gov't. - State Dept. of Hawaiian Home Lands (DHHL)	193,705.6	113,947.0	-	19,515.2	28.4	30,896.8	24,764.8	-	4,553.3
2	Government - Federal	530,791.8	432,205.0	23.7	3,437.0	8.3	33,659.2	136.4	271.7	61,050.5
3	Kamehameha Schools	363,476.4	297,109.0	-	10,876.0	-	2,636.5	4,936.7	-	47,918.2
4	Castle & Cooke	118,858.5	233.0	-	-	89,188.0	-	-	-	29,437.5
5	Alexander & Baldwin Inc.	113,134.7	9.6	-	20,239.7	-	92,864.8	-	-	20.5
6	Parker Ranch	106,883.0	106,883.0	-	-	-	-	-	-	-
7	Molokai Ranch	58,417.6	-	-	-	-	-	58,417.6	-	-
8	Robinson Family	50,670.6	-	-	50,670.6	-	-	-	-	-
9	Robinson Aylmer	46,044.1	-	-	-	-	-	-	46,044.1	-
10	Grove Farm	36,138.5	-	-	36,138.5	-	-	-	-	-
11	Government - County 1/	32,999.5	6,044.0	-	706.8	229.2	7,456.0	257.9	-	18,305.5
12	Haleakala Ranch Co.	29,159.9	-	-	-	-	29,159.9	-	-	-
13	Maui Land & Pineapple Co. Inc.	22,800.0	-	-	-	-	22,800.0	-	-	-
14	Yee Hop	21,637.0	21,637.0	-	-	-	-	-	-	-
15	Ulupalakua Ranch	18,476.2	-	-	-	-	18,476.2	-	-	-
16	W.H. Shipman	16,808.2	16,808.2	-	-	-	-	-	-	-
17	Kahuku Aina Properties	16,423.2	16,423.2	-	-	-	-	-	-	-
18	McCandless Ranch	15,729.1	14,993.8	-	-	-	-	-	-	-
19	Finance Factors Ltd	13,232.0	13,230.9	-	-	-	1.1	-	-	-
20	Puu O Hoku Ranch	13,098.2	-	-	-	-	-	13,098.2	-	-

1/ Maui County includes the islands of Maui, Molokai and Lanai.

Source: Hawaii State Department of Business, Economic Development & Tourism, Office of State Planning, GIS Program, Large Landowners Data - 2011, records.

Table 6.08-- REAL PROPERTY OWNED BY OR LEASED TO THE FEDERAL GOVERNMENT: 2005 TO 2010

[As of September 30. On February 4, 2004, President George W. Bush issued Executive Order 13327, which redefines federal real property to exclude, among other classifications, the national parks, and creates a Federal Real Property Council to oversee federal real property assets. The land acreages are comparable within the period ending in 2004 and then within the period beginning in 2007, but not between the two periods]

Subject	2005	2006	2007 1/	2008	2009	2010
Total building area (1,000 sq. ft.)	2/ 61,303	62,234	59,700	47,900	59,300	50,600
Owned	2/ 59,967	60,261	50,300	46,500	45,600	49,000
Leased	1,336	1,288	8,800	700	12,900	800
Otherwise managed 3/	(NA)	685	600	700	800	800
Total Federal Gov't land acreage	(NA)	(NA)	193,450	1,096,333	235,038	235,300
Owned	(NA)	(NA)	178,286	178,255	178,192	178,700
Leased	(NA)	(NA)	7,340	59,579	55,811	54,200
Otherwise managed 3/	(NA)	(NA)	7,824	858,499	1,035	2,400

NA Not available.

1/ The redefined federal real property now excludes, for example, the Hawaii Volcanoes National Park (estimated 323,431 acres), and Haleakala (estimated 29,094 acres], while continuing to include, for example, the U.S Department of Defense installations (an estimated 177,026 owned acres).

2/ DBEDT corrected total. As published, total is less than sum of 'owned' and 'leased'.

3/ Indicate that a U.S. state government holds title to the real property asset, but rights for use have been granted to a Federal Government entity in a method other than a leasehold arrangement.

Source: U.S. General Services Administration, *Annual Report 2004 Final* ; Ibid, *Federal Real Property Report* (annual); Ibid. *FY 09 Federal Real Property Statistics (FRPP)* ; and Ibid. *FRPC FY 10 Summary Report (FRPP)* <http://www.gsa.gov/portal/content/102880> accessed February 21, 2012.

Table 6.09-- DEPARTMENT OF HAWAIIAN HOME LANDS ACREAGE, LESSEES, AND APPLICANTS, BY ISLAND: 2010 TO 2012

[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
2010							
Acreage 1/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Homestead leases 2/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
General leases	12,861	10,485	512	-	1,764	73	28
Licenses	26,189	17,749	7,331	-	724	311	73
Others	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Homestead leases 2/	9,836	2,538	1,430	28	847	4,244	749
Residential	8,328	1,730	1,290	28	395	4,184	701
Agricultural	1,101	504	65	-	425	60	47
Pastoral	407	304	75	-	27	-	1
Applications 2/	40,991	14,166	8,445	63	1,896	12,540	3,881
Residential	20,630	5,547	3,527	63	724	9,270	1,499
Agricultural	17,471	6,748	4,373	-	986	3,270	2,094
Pastoral	2,890	1,871	545	-	186	-	288
2011							
Acreage 1/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Homestead leases 2/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
General leases	12,861	10,485	512	-	1,764	73	28
Licenses	26,189	17,749	7,331	-	724	311	73
Others	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Homestead leases 2/	9,922	2,539	1,422	29	848	4,333	751
Residential	8,413	1,729	1,282	29	397	4,273	703
Agricultural	1,101	505	65	-	424	60	47
Pastoral	408	305	75	-	27	-	1
Applications 2/	41,948	14,342	8,608	65	1,952	13,022	3,959
Residential	21,216	5,601	3,603	65	746	9,670	1,531
Agricultural	17,803	6,843	4,455	-	1,019	3,352	2,134
Pastoral	2,929	1,898	550	-	187	-	294
2012							
Applications 2/	42,428	14,371	8,632	64	1,965	13,389	4,007
Residential	21,511	5,584	3,592	64	747	9,965	1,559
Agricultural	17,963	6,884	4,475	-	1,030	3,424	2,150
Pastoral	2,954	1,903	565	-	188	-	298

NA Not available.

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 2010 revised, 2011, and 2012 Statewide applications of 40,991, 41,948, and 42,428 are held by some 25,539, 26,170, and 26,546 applicants respectively. Data are subject to audit.

Source: Hawaii State Department of Hawaiian Home Lands, *Annual Report 2010* , pp. 55, 61, 72, and 81; Ibid. *Annual Report 2010- 2011* , pp. 47, 53, 64, and 76 as corrected <http://www.hawaiianhomelands.org/communications-publications/annual-reports/> accessed July 5, 2012; unpublished "Application Branch Annual Summary Report FY2009-2010 (compiled 10-04-2010)"; and "Applicant Waiting List up to June 30, 2012" <http://dhhl.hawaii.gov/applications/application-wait-list/ > accessed July 18, 2013.

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 Tourism Authority's Tourism Research (particularly in its annual research reports) and the Hawaii State Department of Business, Economic Development and Tourism's 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: 2012.*

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Table 7.01-- PASSENGERS ARRIVING, BY POINT OF ORIGIN AND TRANSIT STATUS: 2003 TO 2012

[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	2003	2004	2005	2006	2007
All directions	7,557,861	8,225,648	8,840,063	9,049,713	9,011,455
Landing	7,438,045	8,101,166	8,713,112	8,937,555	8,910,672
Intransit	119,816	124,482	126,951	112,158	100,783
Domestic	5,462,304	5,914,311	6,460,134	6,793,781	6,810,847
Landing	5,461,554	5,911,004	6,436,275	6,772,702	6,791,906
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

Point of origin and status	2008	2009	2010	2011	2012
All directions	8,034,872	7,718,206	8,258,740	8,556,041	9,232,172
Landing	8,021,780	7,709,202	8,255,465	8,510,128	9,216,594
Intransit	13,092	9,004	3,275	45,913	15,578
Domestic	6,009,005	5,751,759	6,086,335	6,278,333	6,551,222
Landing	6,005,133	5,748,379	6,083,060	6,258,790	6,551,222
Intransit	3,872	3,380	3,275	19,543	-
International	2,025,867	1,966,447	2,172,405	2,277,708	2,680,950
Landing	2,016,647	1,960,823	2,172,405	2,251,338	2,665,372
Intransit	9,220	5,624	-	26,370	15,578

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual); Hawaii Tourism Authority, Tourism Research and records.

Table 7.02-- PASSENGER STATUS OF PARTIES AND PASSENGERS ARRIVING IN HAWAII, BY POINT OF ORIGIN: 2010 TO 2012

[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/				
2010, total	(NA)	3,297,271	577,474	(NA)
Domestic	3,035,166	2,511,784	499,485	23,897
International	(NA)	785,487	77,989	(NA)
2011, total	(NA)	3,392,951	567,242	(NA)
Domestic	3,104,318	2,581,983	499,561	22,774
International	(NA)	810,968	67,682	(NA)
2012, total	(NA)	3,685,448	573,628	(NA)
Domestic	3,231,805	2,701,761	506,934	23,110
International	(NA)	983,686	66,695	(NA)
PASSENGERS				
2010, total	8,258,740	6,916,894	1,291,983	(NA)
Domestic	6,086,335	4,957,352	1,079,120	46,587
International	2,172,405	1,959,542	212,863	(NA)
2011, total	8,556,041	7,174,397	1,292,290	(NA)
Domestic	6,278,333	5,127,291	1,088,058	43,441
International	2,277,708	2,047,106	204,232	(NA)
2012, total	9,232,172	7,867,143	1,305,370	(NA)
Domestic	6,551,222	5,403,025	1,104,116	44,082
International	2,680,950	2,464,118	201,254	(NA)

NA Not available.

1/ Not surveyed for intransit passengers.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual); Hawaii Tourism Authority, Tourism Research and records.

Table 7.03-- VISITOR ARRIVALS AND AVERAGE DAILY VISITOR CENSUS: 1966 TO 2012

[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	6,488,422	4,339,507	2,148,915	165,058	135,480	29,578
1990	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	6,473,669	3,791,945	2,681,724	152,249	106,589	45,660
1993	6,070,995	3,570,059	2,500,936	147,498	100,430	47,068
1994	6,364,674	3,813,279	2,551,395	156,630	107,904	48,726
1995	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 2012 -- Con.

Year	Visitors staying overnight or longer			Average number of visitors present per day		
	Total	Domestic	International	Total	Domestic	International
1996	6,723,141	3,794,113	2,929,028	158,297	106,404	51,892
1997	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	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
2008	6,713,436	4,901,893	1,811,543	172,487	135,239	37,248
2009	6,420,448	4,672,001	1,748,447	165,082	129,100	35,983
2010	6,916,894	4,957,352	1,959,542	177,949	136,407	41,542
2011	7,174,397	5,127,291	2,047,106	185,824	142,027	43,797
2012	7,867,143	5,403,025	2,464,118	201,267	148,887	52,380

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual); Hawaii Tourism Authority, Tourism Research.

Table 7.04-- OVERNIGHT AND LONGER VISITORS TO HAWAII: 2011 AND 2012

[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/	2011			2012		
	Total	Domestic	Inter-national	Total	Domestic	Inter-national
All visitors	7,174,397	5,127,291	2,047,106	7,867,143	5,403,025	2,464,118
US West MMA 2/	2,994,731	2,935,399	59,332	3,178,824	3,133,196	45,628
US East MMA 3/	1,642,279	1,594,712	47,567	1,699,625	1,646,697	52,928
Japan MMA	1,241,805	7,287	1,234,518	1,465,654	7,319	1,458,335
Canada MMA	477,564	210,740	266,824	499,144	203,533	295,611
Other Asia MMA 4/	211,028	42,901	168,127	289,977	56,755	233,222
China	81,738	31,654	50,084	116,866	42,843	74,023
Hong Kong	4,082	1,392	2,690	4,915	1,786	3,129
Korea	112,567	7,145	105,422	153,338	8,762	144,576
Singapore	4,453	1,187	3,266	6,089	1,456	4,633
Taiwan	8,186	1,521	6,665	8,769	1,908	6,861
Oceania MMA 5/	209,976	45,362	164,614	273,039	59,815	213,224
Australia	189,246	41,275	147,971	247,150	54,423	192,727
New Zealand	20,730	4,087	16,643	25,889	5,392	20,497
Europe MMA 6/	119,825	101,790	18,035	129,252	108,979	20,273
United Kingdom	45,552	38,590	6,962	45,664	38,862	6,802
France	16,546	9,280	7,266	18,258	10,206	8,052
Germany	34,690	32,081	2,609	40,044	36,703	3,341
Italy	10,447	10,072	375	11,085	10,450	635
Switzerland	12,589	11,766	823	14,200	12,757	1,443
Latin America MMA 7/	22,116	21,550	566	25,519	24,576	943
Argentina	4,053	3,997	56	4,027	3,920	107
Brazil	10,101	9,867	234	12,734	12,258	476
Mexico	7,963	7,687	276	8,758	8,398	360
Other MMA 8/	255,073	167,550	87,523	306,110	162,156	143,954

Continued on next page.

Table 7.04-- OVERNIGHT AND LONGER VISITORS TO HAWAII: 2011 AND 2012 -- Con.

1/ MMA's are geographical areas defined by the Hawaii Tourism Authority for marketing purposes.
2/ Pacific and Mountain States of the United States.
3/ All other States in the continental United States not included in U.S. West.
4/ Includes China, Hong Kong, Korea (South), Singapore, and Taiwan.
5/ Includes Australia and New Zealand.
6/ Includes United Kingdom, Germany, France, Italy, and Switzerland.
7/ Includes Argentina, Brazil, and Mexico.
8/ 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); Hawaii Tourism Authority, Tourism Research and records.

Table 7.05-- VISITOR DAYS, BY POINT OF ORIGIN: 1993 TO 2012

[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	69,145,854	54,584,048	14,561,806
2007	69,135,310	55,100,441	14,034,869
2008	63,130,133	49,497,350	13,632,783
2009	60,255,061	47,121,337	13,133,724
2010	64,951,433	49,788,583	15,162,850
2011	67,825,871	51,839,799	15,986,073
2012	73,663,903	54,492,680	19,171,224

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual); Hawaii Tourism Authority, Tourism Research and records.

Table 7.06-- AVERAGE DAILY VISITOR CENSUS, BY COUNTY AND ISLAND: 2011 AND 2012

[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	2011			2012		
	Total	Domestic	Inter-national	Total	Domestic	Inter-national
State total	185,824	142,027	43,797	201,267	148,887	52,380
Oahu	88,980	57,089	31,891	97,989	59,760	38,229
Hawaii County	26,550	22,851	3,699	28,559	24,057	4,502
Kauai County	20,816	19,534	1,282	22,318	20,835	1,484
Maui County	49,478	42,553	6,925	52,401	44,235	8,166
Maui	48,054	41,273	6,781	50,976	42,979	7,997
Molokai	701	624	76	707	623	84
Lanai	723	655	67	718	634	84

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual); Hawaii Tourism Authority, Tourism Research.

Table 7.07-- VISITOR ARRIVALS, DOMESTIC AND INTERNATIONAL, BY AREA VISITED: 2011 AND 2012

[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	2011			2012		
	Total	Domestic	Inter-national	Total	Domestic	Inter-national
State total 1/	7,174,397	5,127,291	2,047,106	7,867,143	5,403,025	2,464,118
Oahu	4,401,624	2,592,014	1,809,609	4,904,045	2,734,643	2,169,402
Kauai	1,011,500	914,423	97,077	1,084,681	977,820	106,861
Maui County 1/	2,211,413	1,868,986	342,427	2,353,329	1,952,718	400,611
Maui	2,168,487	1,831,088	337,399	2,309,194	1,914,706	394,488
Molokai	55,250	43,865	11,385	53,323	41,740	11,583
Lanai	75,004	61,848	13,156	72,649	58,877	13,772
Hawaii County 1/	1,318,310	1,022,016	296,294	1,433,282	1,072,678	360,604
Hilo	485,137	345,372	139,765	526,435	361,420	165,015
Kona	1,106,462	887,463	218,999	1,191,469	931,250	260,219
One island only	5,814,693	4,172,366	1,642,327	6,373,712	4,392,213	1,981,499
Oahu only	3,259,370	1,837,570	1,421,801	3,649,150	1,937,947	1,711,202

1/ 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); Hawaii Tourism Authority, Tourism Research.

Table 7.08-- SUMMARY CHARACTERISTICS OF OVERNIGHT AND LONGER VISITORS, BY POINT OF ORIGIN: 2011 AND 2012

[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
2011			
Residence (percent)			
United States	64.6	88.4	5.2
Pacific and Mountain States	41.7	57.3	2.9
California	23.1	31.8	1.3
Males per 100 females	93.5	97.5	76.4
Persons per party	2.1	2.0	2.5
Arriving June-August (percent)	26.9	27.7	24.8
Repeat visitors (percent)	66.0	70.7	54.2
Pleasure trip (percent)	82.5	81.6	84.8
In hotel only	54.8	46.8	75.1
One island only	81.0	81.4	80.2
2012			
Residence (percent)			
United States	62.0	88.5	4.0
Pacific and Mountain States	40.4	58.0	1.9
California	23.4	33.6	0.9
Males per 100 females	92.4	96.5	76.1
Persons per party	2.2	2.0	2.5
Arriving June-August (percent)	27.1	27.7	25.8
Repeat visitors (percent)	65.0	70.8	52.2
Pleasure trip (percent)	83.4	82.2	86.1
In hotel only	55.8	46.5	76.1
One island only	81.0	81.3	80.4

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual); Hawaii Tourism Authority, Tourism Research and records.

Table 7.09-- DOMESTIC VISITORS BY STATE AND REGION: 2011 AND 2012

[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	2011	2012
United States	4,530,111	4,779,893
Pacific	2,375,475	2,558,886
Alaska	79,218	79,200
California	1,629,858	1,817,836
Oregon	204,240	200,289
Washington	462,160	461,561
Mountain	559,924	574,311
Arizona	148,450	155,940
Colorado	139,448	140,166
Idaho	38,753	39,538
Montana	23,572	23,375
Nevada	81,518	88,025
New Mexico	26,559	27,736
Utah	92,049	90,549
Wyoming	9,574	8,981
West North Central	200,784	200,691
Iowa	26,102	27,387
Kansas	26,017	24,362
Minnesota	71,518	70,241
Missouri	43,465	44,377
Nebraska	17,393	17,558
North Dakota	7,724	8,434
South Dakota	8,565	8,331
West South Central	286,962	300,282
Arkansas	13,487	13,145
Louisiana	17,435	17,404
Oklahoma	27,106	27,621
Texas	228,934	242,112
East North Central	345,118	344,260
Illinois	132,196	132,958
Indiana	39,743	39,323
Michigan	60,818	61,461
Ohio	65,880	65,183
Wisconsin	46,482	45,334

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Table 7.09-- DOMESTIC VISITORS BY STATE AND REGION: 2011 AND 2012 -- Con.

Residence	2011	2012
East South Central	76,712	78,110
Alabama	18,825	19,321
Kentucky	18,516	19,238
Mississippi	7,848	8,323
Tennessee	31,524	31,227
New England	102,404	105,140
Connecticut	23,916	25,268
Maine	7,171	7,766
Massachusetts	50,919	51,946
New Hampshire	9,253	9,221
Rhode Island	6,204	6,099
Vermont	4,940	4,840
Middle Atlantic	235,893	256,818
New Jersey	61,109	68,618
New York	108,282	119,696
Pennsylvania	66,502	68,504
South Atlantic	346,839	361,396
Delaware	4,535	4,904
Washington, D.C.	9,258	8,771
Florida	89,414	95,117
Georgia	52,100	54,755
Maryland	47,393	48,971
North Carolina	42,354	44,461
South Carolina	18,300	19,149
Virginia	77,819	79,447
West Virginia	5,667	5,820

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual); Hawaii Tourism Authority, Tourism Research.

Table 7.10-- TRIP CHARACTERISTICS OF VISITORS, BY POINT OF ORIGIN: 2011 AND 2012

[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	
	2011	2012	2011	2012
All visitors 1/	5,127,291	5,403,025	2,047,106	2,464,118
Purpose of visit 1/				
Pleasure (net)	4,185,975	4,442,043	1,736,098	2,122,518
Vacation	(NA)	4,214,148	(NA)	1,765,855
Honeymoon	233,181	232,011	293,892	351,526
Wedding	54,973	56,416	64,934	69,560
Meetings, conventions, incentive 1/	299,754	290,539	97,594	120,021
Convention/conference	187,466	179,497	45,824	58,342
Corporate meeting	65,193	64,935	16,145	17,332
Incentive	58,870	57,387	37,885	46,450
Other business	213,342	222,574	23,897	25,301
Visit friends or relatives	570,871	598,769	64,781	77,372
Government or military	86,299	82,787	18,648	9,617
Attend school	13,876	13,587	5,918	9,623
Sport event	58,776	57,885	36,218	50,319
Traveler method				
Group tour	174,273	179,657	435,034	514,929
Package	1,288,037	1,251,192	1,218,548	1,474,470
Group tour and package	122,645	124,126	379,665	460,450
True independent	3,787,626	4,096,301	773,189	935,170
Accommodations				
Hotel	2,855,884	2,998,669	1,639,148	1,992,730
Hotel only	2,398,033	2,512,675	1,537,095	1,873,972
Condo	1,022,333	1,069,707	289,638	318,320
Condo only	803,788	839,144	228,204	248,251
Timeshare	634,727	654,916	82,970	106,978
Timeshare only	491,518	506,420	59,335	79,723
Rental house	334,904	385,764	34,529	50,697
Bed & breakfast	57,901	62,343	12,679	11,396
Cruise ship	108,663	109,478	19,731	17,859
Friends, relatives	594,657	630,613	70,488	82,461

NA Not available.

1/ 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); Hawaii Tourism Authority, Tourism Research.

Table 7.11-- ACTIVITY PARTICIPATION BY VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2011

[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	85.3	82.8	89.8	92.2
Helicopter/plane tour	12.2	9.2	17.8	3.3
Boat/submarine/whale watching	26.5	23.4	32.2	14.8
Tour bus excursion	14.2	10.0	21.9	44.0
Private limousine/van tour	5.3	3.9	7.7	15.5
Self-guided	75.4	73.8	78.2	59.0
Recreation	88.5	88.1	89.2	80.5
Swimming/sunbathing/beach	81.6	81.4	82.0	65.2
Surfing/bodyboarding	24.7	26.9	20.7	6.4
Snorkeling/scuba diving	49.3	50.8	46.4	18.5
Jet skiing/parasailing/windsurfing	4.6	4.7	4.3	4.0
Golf	11.1	11.4	10.6	9.4
Running/jogging/fitness walking	41.8	43.0	39.5	21.3
Spa	11.5	11.1	12.2	10.9
Backpacking/hiking/camping	23.6	22.6	25.3	9.7
Sports event/tournament	4.5	4.4	4.8	3.0
Entertainment	93.9	93.5	94.5	96.0
Lunch/sunset/dinner/evening cruise	26.5	24.9	29.4	58.0
Lounge act/stage show	22.9	20.1	28.1	24.0
Nightclub/dancing/bar/karaoke	13.3	11.6	16.4	6.1
Fine dining	57.1	57.1	57.1	81.2
Family restaurant/diner	74.6	73.9	75.8	51.8
Ethnic dining	39.1	39.3	38.7	13.0
Prepared own meal	54.3	58.3	46.9	16.4
Shopping	93.5	92.7	95.1	98.4
Department stores	41.1	39.6	43.7	56.6
Designer boutiques	32.7	31.8	34.4	61.3
Hotel stores	40.9	36.5	48.8	50.3
Swap meet	29.8	30.5	28.6	19.1
Discount/outlet stores	30.4	29.3	32.4	42.0
Supermarkets	66.9	69.1	62.9	63.9
Convenience stores	56.0	55.3	57.5	76.0
Duty free	4.5	4.4	4.5	68.6
Local shops/artisans	72.2	71.3	73.8	33.7

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Table 7.11-- ACTIVITY PARTICIPATION BY VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2011 - Con.

Activity	U.S. total	U.S. West 1/	U.S. East 2/	Japan
Culture	77.4	73.8	84.1	72.4
Historic site	30.6	24.4	41.9	16.8
Museum/art gallery	23.0	22.8	23.4	12.8
Polynesian show/luau/hula	38.5	32.7	49.0	32.6
Play/concert	5.1	4.7	5.6	1.7
Art/craft fair	17.7	18.5	16.2	2.9
Parks/gardens	51.7	48.6	57.3	47.0
Festival	5.0	4.6	5.6	7.4
Other historical sites	30.2	29.5	31.6	16.3
Transportation	85.6	84.6	87.4	94.9
Trolley	7.9	6.6	10.2	72.6
Public Bus	12.4	10.5	15.9	22.9
Taxi/limousine	14.2	11.6	18.8	41.4
Rental Car	74.2	74.9	72.9	20.4
Meeting	6.4	6.4	6.6	1.5
Convention	3.9	2.6	6.2	1.0
Incentive/reward	3.3	2.8	4.2	2.7

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 Tourism Authority, Tourism Research, *2011 Visitor Satisfaction and Activity Report* <http://www.hawaiitourismauthority.org/default/assets/File/reports/visitor-satisfaction/2011%20VSAT%20Report(2).pdf> accessed February 6, 2013 and records.

Table 7.12-- OVERALL SATISFACTION BY MAJOR CATEGORY BY VISITORS FROM THE U.S. TOTAL, BY GEOGRAPHIC AREA: 2011

[Covers visitors from United States staying overnight or longer. Percent of visitors]

Category	Oahu	Maui	Kauai	Kona
Accommodations				
Very satisfied	74.6	84.4	82.7	84.1
Somewhat satisfied	22.4	14.2	14.6	12.3
Somewhat dissatisfied	2.1	1.2	2.6	2.8
Not satisfied at all	0.8	0.3	0.1	0.7
Restaurants				
Very satisfied	61.3	64.1	60.4	59.6
Somewhat satisfied	35.9	31.8	33.3	35.7
Somewhat dissatisfied	2.2	4.0	5.4	3.9
Not satisfied at all	0.7	0.0	0.9	0.8
Shopping				
Very satisfied	67.9	62.2	53.2	52.8
Somewhat satisfied	29.7	33.5	41.9	41.4
Somewhat dissatisfied	2.0	3.8	4.4	4.9
Not satisfied at all	0.5	0.5	0.5	0.9
Golf				
Very satisfied	71.3	85.5	75.7	81.6
Somewhat satisfied	23.0	12.1	22.5	14.9
Somewhat dissatisfied	5.1	2.2	1.5	3.5
Not satisfied at all	0.6	0.3	0.3	0.0
Activities & attractions				
Very satisfied	75.1	76.1	77.9	70.3
Somewhat satisfied	22.4	22.1	18.6	25.1
Somewhat dissatisfied	2.3	1.6	3.1	4.2
Not satisfied at all	0.3	0.1	0.4	0.3
Transportation				
Very satisfied	66.6	73.2	49.4	48.4
Somewhat satisfied	26.0	19.6	32.7	29.1
Somewhat dissatisfied	6.5	5.6	12.5	13.9
Not satisfied at all	1.0	1.6	5.4	8.6
Airports				
Very satisfied	56.6	60.3	65.0	51.9
Somewhat satisfied	35.5	36.8	30.8	43.4
Somewhat dissatisfied	6.9	2.3	3.4	4.3
Not satisfied at all	1.0	0.6	0.8	0.4

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Table 7.12-- OVERALL SATISFACTION BY MAJOR CATEGORY BY VISITORS FROM THE U.S. TOTAL, BY GEOGRAPHIC AREA: 2011 - Con.

Category	Oahu	Maui	Kauai	Kona
Parks & beaches				
Very satisfied	74.5	80.7	83.8	76.1
Somewhat satisfied	22.2	17.4	14.7	20.4
Somewhat dissatisfied	2.9	1.8	1.3	3.3
Not satisfied at all	0.5	0.2	0.1	0.3

Source: Hawaii Tourism Authority, Tourism Research, records.

Table 7.13-- OVERALL SATISFACTION BY MAJOR CATEGORY BY VISITORS FROM THE U.S. WEST, BY GEOGRAPHIC AREA: 2011

[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	74.9	84.5	81.3	81.3
Somewhat satisfied	22.0	14.5	15.4	15.1
Somewhat dissatisfied	2.4	0.7	3.3	2.5
Not satisfied at all	0.6	0.2	0.0	1.1
Restaurants				
Very satisfied	57.2	63.2	60.1	56.0
Somewhat satisfied	40.0	33.2	33.5	38.4
Somewhat dissatisfied	1.9	3.6	5.4	4.6
Not satisfied at all	0.9	0.0	1.1	1.0
Shopping				
Very satisfied	64.3	60.1	52.6	51.3
Somewhat satisfied	33.2	34.9	41.9	42.1
Somewhat dissatisfied	1.8	4.6	4.7	5.3
Not satisfied at all	0.8	0.5	0.8	1.3
Golf				
Very satisfied	68.4	85.2	71.2	79.3
Somewhat satisfied	25.4	11.9	27.1	17.5
Somewhat dissatisfied	6.2	2.8	1.7	3.3
Not satisfied at all	0.0	0.0	0.0	0.0
Activities & attractions				
Very satisfied	75.2	74.7	75.8	66.7
Somewhat satisfied	22.1	23.4	19.3	28.2
Somewhat dissatisfied	2.7	1.9	4.3	4.7
Not satisfied at all	0.1	0.0	0.6	0.5
Transportation				
Very satisfied	67.5	75.1	39.5	39.1
Somewhat satisfied	25.2	18.3	33.7	31.0
Somewhat dissatisfied	5.6	5.9	18.8	17.0
Not satisfied at all	1.7	0.8	8.1	12.8
Airports				
Very satisfied	52.6	59.2	65.5	47.8
Somewhat satisfied	37.4	38.2	30.3	46.8
Somewhat dissatisfied	8.8	2.0	3.7	4.9
Not satisfied at all	1.2	0.6	0.5	0.5
Parks & beaches				
Very satisfied	70.9	79.8	84.2	77.6
Somewhat satisfied	24.7	18.6	14.3	19.0
Somewhat dissatisfied	3.7	1.4	1.5	3.2
Not satisfied at all	0.7	0.3	0.0	0.3

Source: Hawaii Tourism Authority, Tourism Research, *2011 Visitor Satisfaction and Activity Report* <http://www.hawaiitourismauthority.org/default/assets/File/reports/visitor-satisfaction/2011%20VSAT%20Report(2).pdf> accessed February 6, 2013 and records.

Table 7.14-- OVERALL SATISFACTION BY MAJOR CATEGORY BY VISITORS FROM THE U.S. EAST, BY GEOGRAPHIC AREA: 2011

[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	74.1	84.1	85.4	89.4
Somewhat satisfied	23.0	13.5	13.1	7.1
Somewhat dissatisfied	1.6	2.1	1.2	3.5
Not satisfied at all	1.2	0.3	0.3	0.0
Restaurants				
Very satisfied	67.3	66.0	61.0	66.5
Somewhat satisfied	29.8	28.9	33.1	30.6
Somewhat dissatisfied	2.7	5.1	5.4	2.6
Not satisfied at all	0.3	0.0	0.5	0.3
Shopping				
Very satisfied	72.9	66.6	54.2	55.6
Somewhat satisfied	24.8	30.8	41.8	40.2
Somewhat dissatisfied	2.3	2.1	3.9	4.2
Not satisfied at all	0.0	0.6	0.1	0.0
Golf				
Very satisfied	75.9	86.2	83.3	85.7
Somewhat satisfied	19.1	12.5	15.0	10.5
Somewhat dissatisfied	3.3	0.5	1.0	3.8
Not satisfied at all	1.7	0.8	0.8	0.0
Activities & attractions				
Very satisfied	74.9	78.9	81.6	77.0
Somewhat satisfied	22.8	19.6	17.3	19.6
Somewhat dissatisfied	1.7	1.2	1.0	3.3
Not satisfied at all	0.6	0.3	0.1	0.1
Transportation				
Very satisfied	65.5	70.0	66.2	63.1
Somewhat satisfied	26.8	21.9	30.9	25.9
Somewhat dissatisfied	7.5	5.0	2.0	9.0
Not satisfied at all	0.1	3.1	0.9	2.0
Airports				
Very satisfied	62.3	62.7	64.1	59.8
Somewhat satisfied	32.8	33.9	31.9	36.9
Somewhat dissatisfied	4.3	2.9	2.8	3.1
Not satisfied at all	0.6	0.6	1.2	0.3
Parks & beaches				
Very satisfied	79.8	82.7	83.2	73.2
Somewhat satisfied	18.5	14.5	15.5	23.1
Somewhat dissatisfied	1.6	2.8	1.0	3.5
Not satisfied at all	0.1	0.0	0.3	0.2

Source: Hawaii Tourism Authority, Tourism Research, *2011 Visitor Satisfaction and Activity Report* <http://www.hawaiitourismauthority.org/default/assets/File/reports/visitor-satisfaction/2011%20VSAT%20Report(2).pdf> accessed April 12, 2013 and records.

Table 7.15-- OVERALL SATISFACTION BY MAJOR CATEGORY BY VISITORS FROM JAPAN, BY GEOGRAPHIC AREA: 2011

[Covers visitors from Japan staying overnight or longer. Percent of visitors]

Category	Oahu	Maui	Kauai 1/	Kona
Accommodations				
Very satisfied	51.9	64.7	(NA)	70.9
Somewhat satisfied	42.4	33.4	(NA)	27.1
Somewhat dissatisfied	4.9	1.9	(NA)	2.0
Not satisfied at all	0.8	0.0	(NA)	0.0
Restaurants				
Very satisfied	30.2	27.1	(NA)	31.6
Somewhat satisfied	56.3	60.5	(NA)	53.0
Somewhat dissatisfied	12.6	10.7	(NA)	13.8
Not satisfied at all	0.9	1.7	(NA)	1.6
Shopping				
Very satisfied	48.6	24.0	(NA)	17.7
Somewhat satisfied	46.1	47.8	(NA)	55.3
Somewhat dissatisfied	4.9	26.9	(NA)	23.5
Not satisfied at all	0.3	1.3	(NA)	3.5
Golf				
Very satisfied	43.9	61.7	(NA)	65.5
Somewhat satisfied	41.6	30.5	(NA)	27.0
Somewhat dissatisfied	13.2	7.8	(NA)	6.3
Not satisfied at all	1.3	0.0	(NA)	1.1
Activities & attractions				
Very satisfied	43.7	37.3	(NA)	46.9
Somewhat satisfied	48.4	49.7	(NA)	43.4
Somewhat dissatisfied	7.3	12.3	(NA)	9.2
Not satisfied at all	0.7	0.6	(NA)	0.4
Transportation				
Very satisfied	41.8	26.8	(NA)	22.3
Somewhat satisfied	47.5	41.1	(NA)	42.4
Somewhat dissatisfied	9.6	24.2	(NA)	24.9
Not satisfied at all	1.1	7.9	(NA)	10.4
Airports				
Very satisfied	25.6	22.1	(NA)	19.1
Somewhat satisfied	58.9	56.9	(NA)	57.0
Somewhat dissatisfied	14.5	19.0	(NA)	20.3
Not satisfied at all	1.1	1.9	(NA)	3.6
Parks & beaches				
Very satisfied	51.6	44.5	(NA)	49.6
Somewhat satisfied	43.8	49.7	(NA)	42.7
Somewhat dissatisfied	4.2	5.8	(NA)	6.3
Not satisfied at all	0.4	0.0	(NA)	1.4

NA Not available.

1/ Sample is too small for tabulation.

Source: Hawaii Tourism Authority, Tourism Research, *2011 Visitor Satisfaction and Activity Report* <http://www.hawaiitourismauthority.org/default/assets/File/reports/visitor-satisfaction/2011%20VSAT%20Report(2).pdf> accessed April 12, 2013 and records.

Table 7.16-- OVERALL ISLAND EXPERIENCE BY VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2011

[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	62.2	61.1	63.7	62.7
Above average	34.3	35.6	32.5	35.4
Below average	3.0	2.8	3.4	1.7
Poor	0.5	0.5	0.4	0.2
Maui				
Excellent	75.8	74.1	78.8	57.1
Above average	22.1	24.0	18.8	37.8
Below average	2.0	1.9	2.2	4.8
Poor	0.1	0.1	0.2	0.3
Molokai				
Excellent	62.1	66.5	54.1	28.3
Above average	31.1	27.9	37.0	65.3
Below average	4.5	4.0	5.4	6.4
Poor	2.3	1.6	3.5	0.0
Lanai				
Excellent	74.4	68.6	83.4	42.6
Above average	18.9	23.1	12.4	57.4
Below average	5.7	7.6	2.6	0.0
Poor	1.0	0.7	1.5	0.0
Big Island				
Excellent	67.5	63.1	73.9	62.0
Above average	28.7	32.3	23.6	32.8
Below average	3.2	3.8	2.4	4.8
Poor	0.5	0.8	0.1	0.4
Kauai				
Excellent	77.3	75.3	80.6	53.5
Above average	20.9	22.7	18.0	36.8
Below average	1.5	1.6	1.4	8.0
Poor	0.2	0.4	0.0	1.7

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 Tourism Authority, Tourism Research, *2011 Visitor Satisfaction and Activity Report* <http://www.hawaiitourismauthority.org/default/assets/File/reports/visitor-satisfaction/2011%20VSAT%20Report(2).pdf> accessed February 6, 2013 and records.

Table 7.17-- SOURCES OF INFORMATION FOR TRIP PLANNING BY VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2010 AND 2011

[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
2010				
Airlines	24.0	25.2	22.1	13.3
Books	18.3	15.0	23.2	31.2
Friends/relatives	35.2	33.3	38.0	23.3
Hawaii Visitors & Convention Bureau	10.9	8.5	3/ 14.4	13.5
Hotels/resorts	21.9	20.0	24.8	12.7
Internet	76.7	78.1	74.8	59.5
Magazines	6.7	6.1	7.7	36.5
Newspapers	1.4	1.5	1.2	2.6
Personal experience	43.9	50.1	34.6	41.5
Travel agents	17.3	13.5	23.0	59.0
Wholesalers	8.9	8.7	9.1	17.2
Information -none	3.6	3.3	4.1	2.1
2011				
Airlines	20.3	20.9	19.2	12.0
Books	16.4	13.9	20.9	33.0
Friends/relatives	32.9	30.3	37.6	26.6
Hawaii Visitors & Convention Bureau	8.7	6.8	12.2	11.1
Hotels/resorts	19.9	18.3	22.9	12.7
Internet	77.0	76.7	77.7	58.7
Magazines	5.9	5.3	7.1	37.2
Newspapers	1.6	1.7	1.4	2.5
Personal experience	44.0	48.0	36.8	35.3
Travel agents	18.7	15.5	24.6	60.4
Wholesalers	8.7	7.3	11.2	11.1
Information -none	2.8	2.7	3.0	1.8

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 Tourism Authority, Tourism Research, *2010 Visitor Satisfaction and Activity Report* <http://www.hawaiitourismauthority.org/default/assets/File/2010%20VSAT%20Report%20(FINAL2)_REVISED%20TABLE%206_6(1).pdf> accessed April 5, 2013; *2011 Visitor Satisfaction and Activity Report* <http://www.hawaiitourismauthority.org/default/assets/File/reports/visitor-satisfaction/2011%20VSAT%20Report(2).pdf> accessed February 6, 2013 and records.

Table 7.18-- INTERNET USAGE FOR TRIP PLANNING BY VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2010 AND 2011

[Covers visitors staying overnight or longer anywhere in the State, and any overnight or non-overnight interisland trips reported by these visitors. Percent of respodents 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
2010				
Book tours and activities	12.2	10.2	15.3	2.0
Estimate costs	53.7	53.4	54.1	16.9
Find evening activities	15.3	13.1	18.7	5.4
Find good restaurant	31.8	30.4	34.0	38.7
Find hotel or place to stay	47.3	45.0	50.9	67.8
Find recreational activities	40.7	36.7	47.0	38.6
Find things to do	52.9	47.0	62.3	43.7
Locate shopping places	10.7	9.8	12.0	43.5
Locate sightseeing places	30.3	25.1	38.3	40.0
Make airline reservations	84.4	87.8	79.1	40.2
Make hotel reservations	57.4	57.6	57.1	30.1
Maps and directions	37.1	36.9	37.3	32.6
Rental car reservation	62.8	66.2	57.3	17.0
2011				
Book tours and activities	18.7	16.2	23.5	1.4
Estimate costs	55.4	54.2	57.6	17.3
Find evening activities	14.0	11.9	17.9	6.1
Find good restaurant	31.1	29.3	34.4	39.1
Find hotel or place to stay	46.2	45.6	47.2	67.5
Find recreational activities	40.7	36.8	47.9	37.4
Find things to do	50.8	45.2	61.1	42.7
Locate shopping places	10.6	9.4	12.9	43.1
Locate sightseeing places	32.4	27.7	41.2	40.8
Make airline reservations	84.4	87.2	79.1	39.6
Make hotel reservations	57.2	58.7	54.5	30.7
Maps and directions	37.9	36.2	41.1	33.1
Rental car reservation	61.4	64.4	55.9	16.4

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 Tourism Authority, Tourism Research, *2010 Visitor Satisfaction and Activity Report* <http://www.hawaiitourismauthority.org/default/assets/File/2010%20VSAT%20Report%20(FINAL2)_REVISED%20TABLE%206_6(1).pdf> accessed April 5, 2013; *2011 Visitor Satisfaction and Activity Report* <http://www.hawaiitourismauthority.org/default/assets/File/reports/visitor-satisfaction/2011%20VSAT%20Report(2).pdf> accessed February 6, 2013 and records.

Table 7.19-- SAFETY ISSUES AND OTHER NUISANCES ENCOUNTERED BY VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2010 AND 2011

[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
2010				
No problems	89.5	89.8	89.2	90.9
Safety issues				
Drug dealers	2.8	2.9	2.6	1.2
Solicited by prostitutes	1.0	0.9	1.2	0.8
Wallet stolen	1.0	0.9	1.0	1.4
Room vandalized	0.2	0.3	0.2	0.2
Car vandalized	1.1	1.4	0.8	0.6
Violence	1.0	1.0	1.1	0.7
Other nuisance				
Parking ticket	1.6	1.8	1.2	0.8
Severe weather/natural calamities	4.1	3.9	4.4	5.6
2011				
No problems	90.1	90.4	89.6	90.2
Safety issues				
Drug dealers	2.0	1.9	2.2	1.0
Solicited by prostitutes	1.2	0.9	1.6	0.5
Wallet stolen	0.9	1.1	0.6	1.2
Room vandalized	0.1	0.0	0.1	0.2
Car vandalized	0.7	0.7	0.6	0.4
Violence	0.5	0.4	0.6	0.3
Other nuisance				
Parking ticket	1.2	1.0	1.4	0.8
Severe weather/natural calamities	5.2	5.1	5.3	7.1

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 Tourism Authority, Tourism Research, *2011 Visitor Satisfaction and Activity Report* <http://www.hawaiitourismauthority.org/default/assets/File/reports/visitor-satisfaction/2011%20VSAT%20Report(2).pdf> accessed February 6, 2013 and records.

Table 7.20-- VISITOR PROFILE AND TRIP CHARACTERISTICS OF VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2011

[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	1.0	1.6	3.8
$15,000-$24,999	1.6	1.6	1.7	5.2
$25,000-$29,999	2.5	2.8	2.0	6.1
$30,000-$34,999	2.1	2.5	1.5	5.6
$35,000-$39,999	2.1	2.2	1.9	6.8
$40,000-$44,999	2.5	2.4	2.8	5.9
$45,000-$49,999	3.4	3.5	3.3	6.7
$50,000-$69,999	11.5	11.0	12.4	17.0
$70,000-$99,999	19.0	19.6	17.9	20.1
$100,000-$124,999	18.3	18.0	18.9	9.7
$125,000-$149,999	9.6	8.9	10.9	4.6
$150,000-$199,999	11.4	12.7	9.1	4.3
$200,000 or more	14.6	13.7	16.1	4.1
Education attainment				
Less than high school graduate	0.5	0.6	0.4	1.8
High school graduate	23.1	23.2	23.1	31.7
Associates degree (2-year)	9.3	9.1	9.6	15.8
Bachelor's degree (4-year)	33.7	35.0	31.5	38.1
Post graduate degree	30.9	29.6	33.1	3.7
Vocational / technical degree	2.5	2.5	2.3	8.8
Primary purpose of trip				
Vacation	65.8	69.2	59.5	63.0
Business meeting / conduct business	5.1	4.5	6.3	0.9
Convention / conference / seminar	2.8	1.7	4.7	0.5
Incentive / reward	1.0	0.9	1.2	1.3
Visit friends / relatives	10.5	10.5	10.7	2.6
Get married	1.0	1.0	1.0	2.2
Attend / participate in wedding	2.9	3.0	2.7	8.9
Honeymoon	2.9	2.2	4.2	8.4
Anniversary / birthday	4.1	3.2	5.6	1.3
Sporting event	0.6	0.6	0.5	2.0
Cultural/musical event	0.4	0.4	0.4	0.9
Medical treatment	0.1	0.2	0.0	0.1
Shopping / fashion	0.0	0.0	0.0	3.6
Other	2.8	2.6	3.2	4.4

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: 2011 - Con.

Characteristic	U.S. total	U.S. West 1/	U.S. East 2/	Japan
Secondary purpose of trip				
Vacation	43.2	39.9	48.9	21.0
Business meeting / conduct business	4.5	4.9	3.9	1.0
Convention / conference / seminar	1.0	1.1	0.7	0.3
Incentive / reward	2.7	2.4	3.2	1.0
Visit friends / relatives	18.3	20.0	15.2	3.6
Get married	0.1	0.1	0.1	0.9
Attend / participate in wedding	1.4	1.6	0.9	2.5
Honeymoon	1.9	2.0	1.7	3.7
Anniversary / birthday	14.0	13.7	14.4	4.6
Sporting event	1.3	1.6	0.6	2.3
Cultural/musical event	1.6	1.9	1.2	1.5
Medical treatment	0.0	0.1	0.0	0.3
Shopping / fashion	1.6	1.6	1.6	49.9
Other	8.5	9.0	7.5	7.3
Employment status				
Working	66.1	64.1	69.7	58.9
Retired	23.9	25.1	21.6	11.5
Student	2.2	2.4	1.7	1.6
Homemaker	5.0	5.3	4.5	21.0
Other	2.9	3.1	2.5	7.1
Gender and median age				
Male	41.2	39.8	43.8	44.3
Female	58.8	60.2	56.2	55.7
Median age	54.0	54.0	53.0	49.0

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 Tourism Authority, Tourism Research, *2011 Visitor Satisfaction and Activity Report* <http://www.hawaiitourismauthority.org/default/assets/File/reports/visitor-satisfaction/2011%20VSAT%20Report(2).pdf> accessed April 12, 2013 and records.

Table 7.21-- LENGTH OF STAY OF VISITORS STAYING OVERNIGHT OR LONGER, BY POINT OF ORIGIN: 2011 AND 2012

[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	2011			2012		
	Total	Domestic	International	Total	Domestic	International
All visitors	7,174,397	5,127,291	2,047,106	7,867,143	5,403,025	2,464,118
1 to 6 days	2,293,554	1,072,948	1,220,606	2,648,922	1,156,379	1,492,543
7 to 12 days	3,734,498	3,134,870	599,629	3,972,292	3,277,637	694,654
13 to 30 days	1,052,864	846,071	206,793	1,142,781	892,285	250,497
31 to 365 days	93,482	73,403	20,078	103,147	76,724	26,424
Median (days)	7.37	8.00	6.00	7.37	8.00	6.00
Mean (days)	9.45	10.11	7.81	9.45	10.11	7.81

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual); Hawaii Tourism Authority, Tourism Research and records.

Table 7.22-- JAPANESE VISITOR ARRIVALS AND EXPENDITURES: 2007 TO 2012

[Covers visitors staying overnight or longer anywhere in the state, and any overnight or non-overnight interisland trips reported by these visitors]

Subject	2007	2008	2009	2010	2011	2012
Arrivals (1,000)	1,296	1,175	1,168	1,239	1,242	1,466
Average stay (days)	5.69	5.74	5.83	5.87	6.03	6.02
Expenditures (mil. dol.)	1,982	1,944	1,826	1,900	2,164	2,735

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual); Hawaii Tourism Authority, Tourism Research and records.

Table 7.23-- AVERAGE EXPENDITURE PER VISITOR DAY, BY ORIGIN OF VISITORS: 1960-61 TO 2012

[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
1960-61	32.00	(NA)	1997	157.07	279.58
1965-66 1/	37.23	(NA)	1998	147.37	235.25
1974	46.20	123.00	1999	148.91	207.46
1977	54.62	146.85	2000	154.92	214.20
1980	71.24	185.00	2001	142.75	227.05
1983	85.88	227.32	2002	150.39	233.13
1986	95.40	299.00	2003	157.18	240.09
1987	102.49	324.00	2004	157.95	251.47
1988	121.44	350.00	2005	160.79	255.42
1989	126.57	322.00	2006	166.28	266.47
1990	136.30	294.04	2007	170.29	268.83
1991	140.54	344.29	2008	161.01	288.33
1992	117.14	344.68	2009	145.70	268.33
1993	116.15	306.54	2010	151.62	261.10
1994	133.79	340.88	2011	157.81	289.10
1995	132.73	356.15	2012	167.09	310.10
1996	137.04	286.89			

NA Not available.

1/ Oahu only.

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); Hawaii Tourism Authority, Tourism Research and records.

Table 7.24-- AVERAGE EXPENDITURE PER VISITOR DAY IN CONSTANT DOLLARS, FOR VISITORS FROM THE MAINLAND: 1960-61 TO 2012

[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/
1960-61	29.8	107	1997	160.5	98
1965-66 2/	32.0	116	1998	163.0	90
1974	49.3	94	1999	166.6	89
1977	60.6	90	2000	172.2	90
1980	82.4	86	2001	177.1	81
1983	99.6	86	2002	179.9	84
1986	109.6	87	2003	184.0	85
1987	113.6	90	2004	188.9	84
1988	118.3	103	2005	195.3	82
1989	124.0	102	2006	201.6	82
1990	130.7	104	2007	207.3	82
1991	136.2	103	2008	215.3	75
1992	140.3	83	2009	214.5	68
1993	144.5	80	2010	218.1	70
1994	148.2	90	2011	224.9	70
1995	152.4	87	2012	229.6	73
1996	156.9	87			

1/ In constant (1982-84) dollars.
2/ Oahu only.
Source: Preceding table; U.S. Bureau of Labor Statistics, *CPI Detailed Report* <http://www.bls.gov/cpi/home.htm> accessed on August 14, 2013 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: 2011 AND 2012

[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		Visitors from Canada	
	2011	2012	2011	2012	2011	2012	2011	2012
All items	144.0	152.3	180.9	192.4	289.1	310.1	150.0	157.4
Total food and beverage	33.7	34.4	40.8	41.7	45.5	50.0	31.4	31.9
Restaurant food	22.4	22.8	29.2	30.3	32.6	37.3	18.3	18.8
Dinner shows and cruises	3.1	3.1	4.4	4.4	4.7	4.6	3.1	2.9
Groceries and snacks	8.3	8.5	7.2	7.0	8.2	8.0	10.0	10.3
Entertainment & recreation	13.0	13.4	18.7	19.1	19.6	19.9	12.8	12.9
Total transportation	16.4	17.2	20.3	21.5	11.3	11.1	15.5	16.9
Interisland airfare	1.8	1.6	3.7	4.2	2.4	2.5	1.4	1.4
Ground transportation	0.7	0.8	1.0	1.0	4.8	4.7	1.0	1.0
Rental vehicles	12.2	13.2	13.7	14.3	3.7	3.5	11.5	12.6
Gasoline, parking, etc.	1.6	1.6	1.9	1.9	0.4	0.4	1.7	1.8
Total shopping	16.2	16.4	19.8	19.7	102.2	96.1	18.4	17.8
Fashion and clothing	6.2	6.3	7.0	6.9	26.9	26.0	9.3	8.9
Jewelry and watches	3.1	2.9	4.3	4.3	13.7	11.7	2.9	2.8
Cosmetics, perfume	0.3	0.2	0.3	0.3	6.0	5.4	0.3	0.3
Leather goods	0.6	0.7	0.7	0.5	34.2	31.8	0.8	0.7
Hawaii food products	2.2	2.3	2.1	2.3	12.4	12.6	1.8	1.8
Souvenirs	3.9	3.9	5.4	5.4	9.0	8.6	3.3	3.4
Lodging	60.8	67.4	72.1	80.3	92.8	111.7	66.9	72.1
All other expenses 3/	4.0	3.5	9.2	10.1	17.7	21.3	4.9	5.8

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Table 7.25-- EXPENDITURES PER VISITOR DAY BY VISITORS FROM SELECTED GEOGRAPHIC AREA, BY EXPENDITURE TYPE: 2011 AND 2012 -- Con.

Expenditure type	Visitors from China		Visitors from Korea		Visitors from other Asia 5/	
	2011 4/	2012	2011 4/	2012	2011	2012
All items	371.7	396.0	238.3	261.8	258.9	306.7
Total food and beverage	45.5	55.3	46.2	58.6	45.6	56.3
Restaurant food	27.8	40.7	32.8	47.0	32.4	43.8
Dinner shows and cruises	7.7	7.1	6.5	5.4	5.6	5.9
Groceries and snacks	10.0	7.5	6.8	6.2	7.5	6.6
Entertainment & recreation	30.1	31.1	23.3	25.0	25.6	26.8
Total transportation	21.3	26.0	19.7	20.8	21.5	22.7
Interisland airfare	8.8	8.9	8.0	8.4	7.8	8.4
Ground transportation	5.5	4.6	3.1	3.2	3.3	3.8
Rental vehicles	5.5	11.0	7.3	7.9	8.9	9.1
Gasoline, parking, etc.	1.5	1.5	1.3	1.3	1.6	1.4
Total shopping	193.8	193.6	75.1	76.6	86.2	117.2
Fashion and clothing	47.1	46.4	25.2	26.7	26.5	33.3
Jewelry and watches	44.5	47.8	6.5	4.1	14.2	19.8
Cosmetics, perfume	26.5	27.2	6.3	7.5	8.8	14.3
Leather goods	55.9	53.9	24.4	26.5	23.1	35.5
Hawaii food products	11.7	12.0	8.0	7.5	6.5	9.1
Souvenirs	8.1	6.2	4.7	4.4	7.2	5.2
Lodging	67.8	80.7	66.2	74.4	72.2	76.0
All other expenses 3/	13.2	9.3	7.8	6.4	7.8	7.7

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Table 7.25-- EXPENDITURES PER VISITOR DAY BY VISITORS FROM SELECTED GEOGRAPHIC AREA, BY EXPENDITURE TYPE: 2011 AND 2012 -- Con.

Expenditure type	Visitors from Australia		Visitors from New Zealand		Visitors from Oceania 6/	
	2011 4/	2012	2011 4/	2012	2011 4/	2012
All items	228.7	248.0	168.0	192.3	228.1	245.5
Total food and beverage	46.8	50.3	36.1	40.4	45.5	47.3
Restaurant food	33.2	37.2	23.9	27.2	32.5	34.8
Dinner shows and cruises	5.5	5.0	2.5	3.9	4.5	4.4
Groceries and snacks	8.1	8.1	9.7	9.3	8.5	8.2
Entertainment & recreation	21.9	21.9	12.3	17.6	21.1	21.3
Total transportation	13.2	14.3	12.6	13.6	14.5	14.8
Interisland airfare	4.4	4.2	3.7	3.1	4.0	3.9
Ground transportation	3.2	3.2	2.7	2.9	3.5	3.3
Rental vehicles	4.7	6.0	5.2	6.3	6.2	6.7
Gasoline, parking, etc.	0.8	0.8	1.1	1.3	0.8	0.8
Total shopping	67.9	70.0	43.9	48.8	63.3	59.2
Fashion and clothing	40.0	40.7	28.9	31.1	37.3	35.7
Jewelry and watches	8.8	9.7	4.8	6.0	8.0	7.5
Cosmetics, perfume	6.3	6.7	2.7	3.2	5.4	5.1
Leather goods	5.5	5.3	2.7	2.1	5.0	3.7
Hawaii food products	1.0	1.4	1.0	1.5	1.3	1.4
Souvenirs	6.1	6.1	3.7	4.9	6.2	5.8
Lodging	74.7	87.1	56.8	68.2	77.0	88.2
All other expenses 3/	4.3	4.4	6.1	3.8	6.8	14.6

Continued on next page.

Table 7.25-- EXPENDITURES PER VISITOR DAY BY VISITORS FROM SELECTED GEOGRAPHIC AREA, BY EXPENDITURE TYPE: 2011 AND 2012 -- Con.

Expenditure type	Visitors from Europe 7/		Visitors from Latin America 8/		Visitors from other markets 9/	
	2011	2012	2011	2012	2011	2012
All items	160.0	175.0	211.4	200.2	182.9	220.3
Total food and beverage	35.4	34.8	39.6	38.5	38.2	42.2
Restaurant food	25.9	24.7	28.3	27.3	26.4	26.3
Dinner shows and cruises	2.2	2.4	3.8	4.4	4.2	5.8
Groceries and snacks	7.3	7.6	7.5	6.7	7.5	10.1
Entertainment & recreation	14.7	14.8	19.9	19.7	14.5	17.9
Total transportation	21.6	23.5	23.4	29.4	17.8	19.9
Interisland airfare	5.4	6.8	5.3	9.2	3.7	4.2
Ground transportation	1.6	1.8	2.4	2.1	2.5	3.2
Rental vehicles	13.0	13.4	14.2	17.0	9.7	9.5
Gasoline, parking, etc.	1.6	1.6	1.5	1.1	1.9	3.0
Total shopping	17.0	18.4	40.0	39.0	35.2	66.2
Fashion and clothing	8.7	9.8	17.0	19.3	16.8	26.2
Jewelry and watches	2.1	2.2	7.1	4.7	4.3	7.8
Cosmetics, perfume	0.4	0.3	1.3	3.4	1.7	5.9
Leather goods	0.5	0.7	3.5	2.4	4.5	14.1
Hawaii food products	1.1	1.2	2.5	2.1	3.3	5.1
Souvenirs	4.2	4.1	8.7	7.0	4.6	7.2
Lodging	66.3	79.1	72.5	70.8	66.5	65.8
All other expenses 3/	4.9	4.4	16.0	2.9	10.7	8.2

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Table 7.25-- EXPENDITURES PER VISITOR DAY BY VISITORS FROM SELECTED GEOGRAPHIC AREA, BY EXPENDITURE TYPE: 2011 AND 2012 -- Con.

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/ Includes cruise package and on-ship spending on U.S. Flagged Hawaii home-ported ships.
4/ Expenditure for some categories were revised from previous *Data Book.*
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); Hawaii Tourism Authority, Tourism Research, *Annual Visitor Research Report* (annual) and records.

Table 7.26-- TOTAL VISITOR EXPENDITURES BY EXPENDITURE TYPE: 2011 AND 2012

[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	2011 1/	2012	Percent change
All items	12,158.2	14,364.8	18.1
Total food and beverage	2,544.1	2,897.7	13.9
Restaurant food	1,743.1	2,008.9	15.2
Dinner shows and cruises	252.7	282.7	11.9
Groceries and snacks	548.3	606.1	10.5
Entertainment & recreation	1,079.0	1,226.9	13.7
Total transportation	1,154.7	1,321.7	14.5
Interisland airfare	183.1	212.7	16.2
Ground transportation	102.3	121.9	19.1
Rental vehicles	764.4	869.6	13.8
Gasoline, parking, etc.	104.9	117.6	12.1
Total shopping	2,089.6	2,489.7	19.1
Fashion and clothing	743.3	882.4	18.7
Jewelry and watches	340.5	381.9	12.1
Cosmetics, perfume	89.8	124.5	38.7
Leather goods	348.6	445.9	27.9
Hawaii food products	a	278.0	22.2
Souvenirs	339.9	376.9	10.9
Lodging	4,673.9	5,707.6	22.1
All other expenses 2/	506.9	606.6	19.7
Supplemental business	109.9	114.6	4.3

1/ Revised from previous *Data Book.*

2/ Includes cruise package and on-ship spending on U.S. Flagged Hawaii home-ported ships.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual); Hawaii Tourism Authority, Tourism Research, *Annual Visitor Research Report* (annual) and records.

Table 7.27-- EXPENDITURES PER VISITOR DAY BY VISITORS FROM U.S. WEST, U.S. EAST, AND JAPAN, BY VISITOR OR TRIP CHARACTERISTICS: 2011 AND 2012

[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	
	2011	2012	2011	2012	2011	2012
All visitors	144.00	152.28	180.93	192.37	289.12	310.10
Group tour status 3/						
Organized group tour	219.04	201.77	236.44	230.87	295.15	325.07
Individually arranged	143.50	150.56	179.89	184.36	288.18	306.09
Arrived on package tour 3/						
Yes	179.02	180.06	216.15	226.40	321.69	352.24
No	135.79	142.68	157.79	169.89	210.01	206.38
Accommodations						
Hotel	189.67	192.19	226.34	229.04	314.13	339.02
Condo	143.62	149.79	168.52	174.88	183.10	208.08
Guests of friends and relatives	66.32	74.79	77.21	72.96	110.25	110.53
Timeshare	107.88	151.09	134.73	135.09	166.45	158.21
Previous visits 3/						
First trip	155.37	167.16	198.84	203.96	326.12	354.73
Repeat visitors	140.85	147.52	170.24	172.49	268.43	283.25
Purpose of trip						
Pleasure	145.25	152.12	179.70	185.40	264.73	379.45
Business, meetings, conventions, incentive	204.93	192.49	236.22	231.63	264.24	311.44
On honeymoon	204.87	212.98	267.84	269.98	394.55	278.03

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/ A new methodology for U.S. West and U.S. East resulted in figures that are non-comparable in *2007 Data Book* or earlier.
Source: Hawaii Tourism Authority, Tourism Research and records.

Table 7.28-- ESTIMATED VISITOR EXPENDITURES: 1961 TO 2012

[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	Additional business expenditures 1/
1961	137	(NA)
1962	154	(NA)
1963	186	(NA)
1964	205	(NA)
1965	225	(NA)
1966	280	(NA)
1967	380	(NA)
1968	440	(NA)
1969	550	(NA)
1970	595	(NA)
1971	705	(NA)
1972	836	(NA)
1973	1,017	(NA)
1974	1,233	(NA)
1975	1,355	(NA)
1976	1,637	(NA)
1977	1,834	(NA)
1978	2,150	(NA)
1979	2,541	(NA)
1980	2,871	(NA)
1981	3,195	(NA)
1982	3,687	(NA)
1983	3,847	(NA)
1984	4,442	(NA)
1985	4,780	92
1986	5,567	103
1987	6,281	120
1988	7,813	125
1989	8,371	113
1990	8,707	119
1991	9,004	138
1992	8,614	141
1993	7,808	120
1994	9,544	133
1995	10,067	141
1996	9,569	140
1997	10,102	147
1998	9,910	149
1999	9,844	161

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Table 7.28-- ESTIMATED VISITOR EXPENDITURES: 1961 TO 2012 -- Con.

Year	Personal expenditures	Additional business expenditures 1/
2000	10,396	194
2001	8,916	145
2002	9,465	144
2003	9,889	165
2004	10,702	160
2005	11,696	208
2006	12,301	191
2007	12,626	185
2008	11,220	178
2009	9,819	174
2010	10,889	177
2011 2/	12,048	110
2012	14,250	115

NA Not available.

1/ By MCI (meetings, conventions, and incentive) visitors. 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); Hawaii Tourism Authority, Tourism Research and records.

Table 7.29-- VISITOR EXPENDITURES, BY COUNTRY OF RESIDENCE: 1999 TO 2012

[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 expendi-tures	Personal (diary) expenditures					Additional business (MCI) expendi-tures
		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	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
2008	11,398,499	11,220,227	7,122,356	1,944,489	710,573	1,442,809	178,272
2009	9,993,188	9,819,490	6,162,823	1,826,309	628,790	1,201,567	173,698
2010	11,066,361	10,889,016	6,789,772	1,899,614	745,700	1,453,929	177,346
2011 1/	12,158,206	12,048,290	7,250,932	2,163,960	905,954	1,727,444	109,916
2012	14,364,813	14,250,200	8,074,351	2,734,932	1,022,759	2,418,158	114,614

1/ Personal (diary) expenditures revised from previous *Data Book.*

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual); Hawaii Tourism Authority, Tourism Branch and records.

Table 7.30-- CRUISE SHIP ARRIVAL AND PASSENGER COUNT: 2008 TO 2012

Subject	2008	2009	2010	2011	2012
Number of ships, arrivals	31	23	23	29	34
Number of tours 1/	141	111	116	2/ 125	141
Number of passengers	268,550	221,138	225,616	246,236	286,530
Out of state visitors	266,534	217,283	223,693	244,081	283,109
Arrived by air	157,059	120,677	122,454	119,431	121,509
Arrived by ship	109,475	96,606	101,239	124,650	161,600
Hawaii residents	2,016	3,855	1,923	2,155	3,421

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.

2/ Revised from previous *Data Book.*

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch; Hawaii Tourism Authority, Tourism Research and records.

Table 7.31-- ESTIMATED DIRECT VISITOR-RELATED EXPENDITURES: 1997 TO 2012

[In millions of dollars]

Year	Total	Visitors	Overseas airlines	Cruise lines
1997	11,520.4	10,249.3	1,242.6	28.4
1998	11,379.9	10,058.8	1,256.6	64.5
1999	11,380.9	10,005.1	1,315.8	60.1
2000	12,017.7	10,590.1	1,360.8	66.8
2001	10,412.2	9,061.3	1,280.6	70.3
2002	11,045.5	9,608.9	1,340.0	96.6
2003	11,468.3	10,054.5	1,313.4	100.3
2004	12,406.8	10,861.8	1,405.4	139.6
2005	13,554.6	11,904.0	1,519.7	130.9
2006	14,198.4	12,491.6	1,559.0	147.8
2007	14,568.0	12,811.1	1,563.3	193.6
2008	13,090.4	11,398.5	1,530.4	161.6
2009	11,587.5	9,993.2	1,463.6	130.7
2010	12,618.1	11,066.4	1,425.8	125.9
2011 1/	13,742.9	12,158.2	1,440.0	144.8
2012	16,109.2	14,364.8	1,566.0	178.4

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Business, Economic Development & Tourism, records.

Table 7.32-- ECONOMIC ACTIVITY GENERATED BY VISITOR-RELATED EXPENDITURES: 2002 TO 2012

[Direct and indirect impact]

Year	Visitor-related expenditures (million dollars)	Gross domestic product (million dollars)	Household income (million dollars)	State tax revenues (million dollars)	Jobs (1,000)
2002	11,045.5	8,789.0	5,432.0	879.7	159.6
2003	11,468.3	9,139.4	5,600.8	876.5	161.9
2004	12,406.8	9,800.3	5,967.3	919.9	163.1
2005	13,554.6	10,675.9	6,427.6	1,007.5	171.4
2006	14,198.4	11,348.9	6,484.5	1,104.2	167.1
2007	14,568.0	11,505.0	6,567.9	1,171.7	163.4
2008	13,090.4	10,696.1	5,779.3	986.1	141.5
2009	11,587.5	8,898.0	5,436.8	890.7	125.3
2010	12,618.1	9,689.4	5,148.2	971.6	114.8
2011 1/	13,742.9	10,553.2	5,607.1	1,058.2	120.9
2012	16,109.2	12,370.2	6,572.5	1,240.4	136.9

1/ Revised from previous *Data Book.*

Source: Hawaii State Department of Business, Economic Development & Tourism, records.

Table 7.33-- WAIKIKI'S SHARE OF TOURISM: 2012

Measure of tourism	Statewide visitor industry	Waikiki	
		Number	Percent of statewide tourism
Visitors	7,867,143	1/ 4,904,045	(2/)
Average daily visitor census	201,267	79,070	39.3
Visitors units	74,650	27,981	37.5
Occupied units (average)	57,406	24,008	41.8
Total visitor expenditures ($millions) 3/	16,109	6,737	41.8

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, records.

Table 7.34-- CONTRIBUTION TO THE STATE'S ECONOMY BY STATEWIDE VISITOR INDUSTRY AND BY WAIKIKI: 2012

Measure of tourism	Statewide visitor industry contribution to economy		Waikiki contribution to State economy	
	Number	Percent	Number	Percent
Direct impact 1/				
Gross domestic product 2/	(X)	(X)	(X)	(X)
Civilian jobs 3/	106,975	13.3	44,738	5.6
State taxes ($millions)	992	17.4	415	7.3
Direct and indirect impact 4/				
Gross domestic product ($millions) 4/	12,370	17.1	5,173	7.1
Civilian jobs 3/	136,928	17.1	57,265	7.1
State taxes ($millions)	1,240	21.8	519	9.1

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 GDP are not readily separated.
3/ Civilian jobs include wage and salary jobs plus self-employed but exclude 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, records.

Table 7.35-- VISITOR INDUSTRY PRICES, PRICE DEFLATOR, AND PRICE INDEXES: 1990 TO 2012

Year	Implicit price deflator 1/ (2005=100)	Average daily room rate 2/ (dollars)	1-way air fares (dollars)		Honolulu Consumer Price Index 5/ (1982-84=100)		
			San Francisco-Hono-lulu 3/	Honolulu-Kahu-lui 4/	Food away from home	Apparel	All items
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	78.6	124.96	521.00	80.00	152.6	117.3	171.9
1998	80.6	129.66	521.00	88.00	153.3	112.2	171.5
1999	82.7	131.66	536.00	94.75	158.3	105.4	173.3
2000	84.9	140.63	576.00	94.50	160.0	103.5	176.3
2001	87.8	144.88	692.00	95.25	164.0	101.0	178.4
2002	90.2	140.89	692.00	99.00	166.0	102.6	180.3
2003	93.1	144.16	714.00	119.00	167.1	98.5	184.5
2004	96.3	152.17	714.00	139.60	171.0	101.2	190.6
2005	100.0	166.16	829.00	144.70	176.4	102.5	197.8
2006	103.8	187.19	(NA)	167.80	186.0	104.4	209.4
2007	107.6	199.96	(NA)	182.90	195.1	104.1	219.5
2008	109.8	201.85	(NA)	170.00	202.3	105.3	228.9
2009	6/ 111.9	177.10	(NA)	218.10	210.8	112.8	230.0
2010	6/ 112.7	174.84	(NA)	191.20	213.6	116.4	234.9
2011	6/ 115.0	6/ 189.83	(NA)	191.20	219.1	118.4	243.6
2012	117.0	204.15	(NA)	191.30	230.3	121.5	249.5

NA Not available.

1/ U.S. Bureau of Economic Analysis, Gross Domestic Product by State to 1997 to 2012 <http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1> accessed July 24, 2013; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

2/ For 1980-1994 Pannell Kerr Forster, *Trends in the Hotel Industry, Hawaii* (monthly). For 1995-2012 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 <http://data.bls.gov/cgi-bin/dsrv?cu> accessed July 24, 2013.

6/ Revised from previous *Data Book*.

Source: See above footnotes.

Table 7.36-- RETURNING RESIDENTS AND AVERAGE NUMBER ABSENT, BY POINT OF ORIGIN: 1993 TO 2012

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
2008	1,262,237	1,057,133	205,104	72,080	57,386	14,694
2009	1,244,534	1,032,158	212,376	69,243	56,366	12,877
2010	1,291,983	1,079,120	212,863	73,217	57,544	15,673
2011	1,292,290	1,088,058	204,232	73,863	59,486	14,377
2012	1,305,370	1,104,116	201,254	75,985	60,218	15,767

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual); Hawaii Tourism Authority, Tourism Research and records.

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: 2008 TO 2012

[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	2008	2009	2010	2011	2012
Issued by Honolulu Office	89,912	68,030	64,876	56,474	61,859
Mailed to Hawaii addresses	68,876	44,797	43,699	39,280	43,047
Mailed outside the state	21,036	23,233	21,177	17,194	18,812

Source: U.S. Department of State, Honolulu Passport Agency, records.

Table 7.41-- PERFORMING ARTS, FOR OAHU: 2011-2012 SEASON

Name of organization and type of performance	Productions	Performances	Attendance
All reporting groups	(NA)	(NA)	(NA)
Department of Enterprise Services, total	68	137	200,004
Dance	12	26	25,871
Classical concerts	18	32	26,749
Operas	4	17	16,184
Pop/rock shows	29	37	104,241
Stage shows	5	25	26,959
Brigham Young University	(NA)	(NA)	(NA)
Diamond Head Theatre	6	91	41,770
Hawaii Pacific University (Theater)	2	38	1,900
Hawaii Pacific University (Music)	(NA)	18	4,000
Honolulu Theatre for Youth	6	405	84,082
Kennedy Theatre	13	80	19,836
Manoa Valley Theatre	7	122	15,799

NA Not available.

Source: Hawaii State Department of Business, Economic Development & Tourism mail and telephone survey.

Table 7.42-- SYMPHONY ORCHESTRA ACTIVITIES: 1989-1990 TO 2008-2009

Season	Average number of orchestra personnel	Number of performances	Total attendance	Operating expenses (dollars)
HONOLULU SYMPHONY ORCHESTRA				
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 1/	-	-	-	1,380,547
HAWAII SYMPHONY ORCHESTRA				
1994-1995 2/	62	115	120,000	4,700,000
HONOLULU SYMPHONY ORCHESTRA				
1995-1996 3/	80	45	65,000	2,343,305
1996-1997 4/	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 5/	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
2006-2007	80	48	45,894	7,216,559
2007-2008	80	37	52,953	8,813,767
2008-2009	80	37	64,775	8,310,431

1/ Concert season eliminated by musicians' strike.

2/ First season in operation. The attendance total is estimated.

3/ 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.

4/ Recording of expenses in compliance with FASB 116 & 117 pertaining to not-for-profit corporations, for 18-week season.

5/ 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: 2010 TO 2012

[Calendar year data unless otherwise specified]

Island and cultural attraction	2010	2011	2012
OAHU			
Atlantis Submarines	292,446	298,242	303,387
Atlantis Cruises	79,543	85,916	92,091
Battleship Missouri Memorial	464,672	470,360	540,591
Bernice P. Bishop Museum	442,483	300,339	325,000
Diamond Head State Monument 1/ 2/	665,437	663,133	750,000
Foster Botanical Garden	42,933	42,712	45,340
Harold L. Lyon Arboretum	37,454	38,192	38,864
Hawaii Maritime Center 1/	(3/)	(3/)	(3/)
Hawaii's Plantation Village	37,576	34,195	36,351
Hawaii State Art Museum 1/	28,612	25,333	35,913
Honolulu Museum of Art on Beretania 4/	216,865	235,000	230,372
Honolulu Museum of Art at First Hawaiian Center 4/	49,057	48,000	(NA)
Honolulu Museum of Art at Spalding House 4/	24,856	24,868	21,767
Honolulu Police Department Museum	1,215	(NA)	(NA)
Honolulu Zoo	580,265	603,677	667,981
Ho'omaluhia Botanical Garden	151,215	151,751	168,657
Iolani Palace State Monument	93,536	105,312	115,573
Judiciary History Center	41,099	47,715	52,588
Mormon Temple Grounds (Church of Jesus Christ of Latter-Day Saints, Hawaii Temple Visitor's Center)	118,687	110,717	122,869
Polynesian Cultural Center	692,081	661,372	718,847
Puu O Mahuka Heiau State Monument 1/	(5/)	(5/)	(5/)
Queen Emma Summer Palace	14,845	18,115	21,172
Royal Mausoleum State Monument 1/	(5/)	(5/)	(5/)
Sea Life Park Hawaii 6/	187,340	199,294	226,441
Tropic Lightning Museum, Schofield Barracks	12,438	8,796	11,408
Ulu Po Heiau State Monument 1/	(5/)	(5/)	(5/)
U.S. Army Museum, Ft. DeRussy	98,645	98,518	104,250
U.S.S. Arizona Memorial 7/	1,372,724	1,694,896	1,751,224
U.S.S. Bowfin Submarine Museum	327,216	326,294	361,766
University of Hawaii Art Gallery 8/	327,216	52,000	52,000
Waikiki Aquarium 1/	290,479	318,124	333,607
HAWAII			
Amy B. H. Greenwell Ethnobotanical Garden	12,040	16,594	9,506
Astronaut Ellison S. Onizuka Space Center	14,055	15,302	14,968

Continued on next page.

Table 7.43-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL ATTRACTIONS: 2010 TO 2012 -- Con.

Island and cultural attraction	2010	2011	2012
HAWAII - con.			
H.N. Greenwell Store 9/	1,551	(NA)	(NA)
Hawaii Tropical Botanical Garden	77,688	10/ 78,799	87,572
Hawaii Volcanoes National Park 7/ 11/	1,304,667	1,352,123	1,483,928
Hulihee Palace	19,665	20,896	26,132
Kaloko-Honokohau National Historical Park 7/	132,731	162,906	153,584
Kona Coffee Living History Farm	3,875	(NA)	(NA)
Lyman House Memorial Museum	11,650	13,555	14,284
Nani Mau Gardens	125,745	100,596	(NA)
Pacific Tsunami Museum	16,785	16,168	18,363
Panaewa Rainforest Zoo	172,737	172,677	213,537
Pu'uhonua O Honaunau NHP 7/	419,590	426,224	442,353
Pu'ukohola Heiau National Historic Site 7/	129,886	133,306	134,403
Volcano Art Center 8/	100,000	100,375	135,000
MAUI			
Alexander & Baldwin Sugar Museum	31,654	32,331	34,037
Aquarium Maui/Maui Ocean Center	290,821	299,038	306,346
Haleakala National Park 7/	1,105,606	956,989	1,094,668
Halekii-Pihana Heiaus State Monument 1/	(5/)	(5/)	(5/)
Hana Cultural Center	(NA)	13,795	(NA)
Iao Valley State Monument 1/	(5/)	(5/)	(5/)
Kula Botanical Garden	31,200	27,300	32,100
Lahaina Restoration Foundation	32,064	26,794	30,538
Baldwin Missionary Home Museum	20,313	11,442	16,919
Hale Pa'i Printing House	1,488	1,706	2,300
Wo Hing Temple Museum	10,163	13,646	11,319
Maui Historical Society Bailey House Museum	10,437	10,868	11,018
Whalers Village Museum	223,167	200,155	180,140
KAUAI			
Grove Farm Homestead	3,179	4,790	2,991
Kauai Museum	(NA)	(NA)	(NA)
Kilauea Point National Wildlife Refuge	387,967	390,248	404,412
Kokee Natural History Museum	95,595	96,262	94,856
Waioli Mission House	816	757	426

Continued on next page.

Table 7.43-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL ATTRACTIONS: 2010 TO 2012 -- Con.

Island and cultural attraction	2010	2011	2012
MOLOKAI			
Kalaupapa National Historical Park 7/	27,919	57,841	58,875
Kalaupapa Settlement	5,204	7,797	8,778

NA Not available.

1/ Fiscal year ending June 30.

2/ 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.

3/ The Bishop Museum will be temporarily ceasing public operations at its Hawai'i Maritime Center, effective May 1, 2009.

4/ The Contemporary Museum and Honolulu Academy of Arts merged in July 2011 and changed the name to Honolulu Museum of Art.

5/ Since 2007, no updates have been conducted.

6/ Fiscal year ending September 30.

7/ Data included in Data Book prior to 2003 may not be comparable to present figures, as present figures only include recreation visits.

8/ Data are estimates.

9/ Renamed from Greenwell Store Museum.

10/ Revised from previous *Data Book.*

11/ Kilauea Visitor Center and Jagger Museum are included in the total attendance at Hawaii Volcanoes National Park.

Source: Hawaii State Department of Business, Economic Development & Tourism, annual mail and survey of attractions.

Table 7.44-- NATIONAL PARKS: 1992 TO 2012

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
2008	369,110	357,784	11,326	4,536,505
2009	369,111	357,784	11,326	4,312,818
2010	369,112	357,783	11,329	4,493,123
2011	369,160	357,829	11,331	4,784,285
2012	369,202	357,871	11,331	5,119,035
AREAS: 2012				
Hawaii Volcanoes National Park 1/	323,431	323,431	-	1,483,928
Haleakala National Park	33,264	33,264	-	1,094,668
Pu'uhonua o Honaunau National Historical Park	420	419	1	442,353
Kaloko-Honokohau National Historical Park	1,163	616	547	153,584
Pu'ukohola Heiau National Historic Site	86	61	25	134,403
U.S.S. Arizona Memorial	59	57	2	1,751,224
Kalaupapa National Historical Park	10,779	23	10,756	58,875

1/ Federal land includes 9,654.67 acres under the custody and administration of the National Park Service with their inclusion in the park pending.

Source: U.S. Department of the Interior, National Park Service, Pacific Islands Support Office, records, and for 2006 <http://www2.nature.nps.gov/stats/> accessed on June 22, 2007
and for 2008 <http://www2.nature.nps.gov/stats/> accessed on July 9, 2009
and for 2009 <http://www.nature.nps.gov/stats/acreagemenu.cfm> accessed on August 2, 2010.

Table 7.45-- STATE PARKS AND HISTORIC SITES: 1992 TO 2012

Year and island	Number of areas, June 30	Acreage, June 30		Recreation visits, year ended June 30 (1,000)
		Total	Developed	
1992 1/	63	25,080	745.6	19,255
1993	63	25,080	745.6	15,112
1994	63	25,099	745.6	14,260
1995	64	26,742	750.6	14,221
1996	64	26,742	750.6	14,221
1997	64	26,742	750.6	12,852
1998	65	26,762	750.6	12,676
1999	65	26,762	750.6	12,661
2000	65	26,762	750.6	13,004
2001	66	31,444	750.6	13,884
2002	67	31,764	750.6	14,226
2003	68	31,788	750.6	13,964
2004	69	31,788	750.6	9,176
2005	70	32,550	750.6	(NA)
2006	70	32,550	750.6	(NA)
2007	71	33,654	750.6	11,693
2008	71	33,555	745.6	(2/)
2009	69	33,522	712.6	(2/)
2010	69	33,522	712.6	(2/)
2011	69	33,522	712.6	(2/)
2012	69	33,522	712.6	(2/)
ISLAND: 2011				
Hawai‘i	20	7,253.6	258.3	(2/)
Maui	9	317.5	37.9	(2/)
Moloka‘i	2	244.2	10.0	(2/)
O‘ahu	28	11,956.4	275.8	(2/)
Kaua‘i	10	13,750.5	130.6	(2/)
ISLAND: 2012				
Hawai‘i	20	7,253.6	258.3	(2/)
Maui	9	317.5	37.9	(2/)
Moloka‘i	2	244.2	10.0	(2/)
O‘ahu	28	11,956.4	275.8	(2/)
Kaua‘i	10	13,750.5	130.6	(2/)

NA Not available.

1/ In 1992, 9 areas were transferred to the neighbor island counties and 5 were transferred to the City and County of Honolulu. A Big Island park was transferred to the State park system from Hawaii County and one from the City and County of Honolulu.

2/ Since 2007, no updates to visitor counts have been conducted.

Source: Hawaii State Department of Land and Natural Resources, Division of State Parks, records.

Table 7.46-- MAJOR STATE PARKS: 2011 AND 2012

[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	
2011			
Nāpali Coast State Wilderness Park	6,175.0	4.0	(1/)
Ahupua`a `O Kahana State Park	5,256.5	26.0	(1/)
Kōke‘e State Park	4,345.0	55.0	(1/)
Waimea Canyon State Park	1,866.4	10.0	(1/)
Kekaha Kai State Park	1,642.5	5.0	(1/)
Sacred Falls (Kaluanui) State Park 2/	1,375.9	10.0	(1/)
Wailua River State Park	1,093.0	37.4	(1/)
2012			
Nāpali Coast State Wilderness Park	6,175.0	4.0	(1/)
Ahupua`a `O Kahana State Park	5,256.5	26.0	(1/)
Kōke‘e State Park	4,345.0	55.0	(1/)
Waimea Canyon State Park	1,866.4	10.0	(1/)
Kekaha Kai State Park	1,642.5	5.0	(1/)
Sacred Falls (Kaluanui) State Park 2/	1,375.9	10.0	(1/)
Wailua River State Park	1,093.0	37.4	(1/)

1/ Updates to visitation have not been conducted since 2007.
2/ Park remains 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: 2010 TO 2012

[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/
2010					
State total	778	405	103	229	41
Oahu	367	199	64	80	24
Maui	163	82	13	66	2
Hawaii	168	88	21	49	10
Kauai	80	36	5	34	5
2011					
State total	798	418	103	236	41
Oahu	385	211	64	86	24
Maui	165	83	13	67	2
Hawaii	168	88	21	49	10
Kauai	80	36	5	34	5
2012					
State total	821	439	103	238	41
Oahu	406	230	64	88	24
Maui	165	83	13	67	2
Hawaii	170	90	21	49	10
Kauai	80	36	5	34	5

1/ Sites declared eligible for National Register listing by the National Board.

Source: Hawaii State Department of Land and Natural Resources, State Historic Preservation Division, records.

Table 7.48-- ZOOS: 2008 TO 2012

Subject and Zoo	2008	2009	2010	2011	2012
Species 1/					
Honolulu Zoo	214	207	224	2/ 202	206
Panaewa Rainforest Zoo (Hilo)	99	97	98	92	93
Individuals 1/					
Honolulu Zoo	889	898	908	2/ 841	876
Panaewa Rainforest Zoo (Hilo)	208	202	194	195	201
Attendance					
Honolulu Zoo 3/	599,442	615,605	580,265	603,677	667,981
Panaewa Rainforest Zoo (Hilo)	166,780	182,286	172,737	172,677	213,537

1/ Animal and bird inventory, December 31.
2/ Species and individuals that are owned and on-site including in on loan.
3/ Fiscal year ending June 30.
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: 2012

[As of June 30. For annual attendance, see table 7.43]

Phylum or class	Sea Life Park		Waikiki Aquarium	
	Species	Individuals	Species	Individuals
Total	92	892	382	1,279
Fishes	60	636	230	903
Reptiles	1	43	-	-
Mammals	6	35	1	2
Invertebrates	19	163	151	374
Birds	6	15	-	-

Source: Sea Life Park, records; and Waikiki Aquarium, records.

Table 7.50-- COUNTY PARKS, BY ISLAND: 2010 TO 2012

[As of December 31]

Island	Number			Acreage		
	2010	2011	2012	2010	2011	2012
State total	630	623	625	8,764	9,089	9,162
Hawaii	126	126	127	1,734	1,734	1,740
Maui	122	121	124	1,307	1,604	1,683
Lanai	6	2	2	15	27	27
Molokai	14	12	13	73	89	91
Oahu	288	288	285	5,148	5,148	5,134
Kauai	74	74	74	487	487	487

Source: Compiled by the Hawaii State Department of Business, Economic Development & Tourism from data provided by the county parks and recreation departments.

Table 7.51-- ATTENDANCE AND WATER SAFETY AT GUARDED BEACH PARKS, FOR THE CITY AND COUNTY OF HONOLULU: 2012

Beach park	Estimated attendance 1/	Rescues	Drownings	Surfing accidents
All parks	18,101,294	2,619	5	833
Ala Moana	2,450,863	64	-	27
Alii/Haleiwa	316,262	119	-	57
Bellows	62,385	2	-	-
Chuns Reef	228,699	98	-	76
Ehukai	339,406	46	-	53
Hanauma	1,298,908	524	2	-
Kailua	446,210	25	1	4
Keauwaula	175,371	21	-	15
KeWaena	208,900	25	-	17
Kualoa	141,991	22	-	3
Laniakea	293,685	122	-	98
Maili	517,847	24	-	3
Makaha	526,978	49	-	28
Makapuu	126,545	311	-	26
Nanakuli	724,214	128	-	23
Pokai Bay	537,876	20	-	2
Sandy	344,475	472	-	55
Sunset	331,789	55	-	34
Waikiki	8,251,984	369	2	271
Waimanalo	234,744	5	-	5
Waimea	542,162	118	-	36

1/ Attendance is based on headcounts taken 3 times by Water Safety Officers over an 8-hour work day.

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; and Surfing Education Association, *The 1971 Statewide Surfing Site Survey,* Vol. 1, p. 93.

Table 7.53-- COUNTY TENNIS FACILITIES: 2001 TO 2012

[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
2008	91	19	13	2	1	47	9
2009	92	19	13	2	1	48	9
2010	93	19	13	2	1	48	10
2011	93	19	13	2	1	48	10
2012	94	19	13	2	1	49	10
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
2008	314	43	43	4	2	200	22
2009	318	43	46	4	2	201	22
2010	323	43	49	4	2	201	24
2011	323	43	49	4	2	201	24
2012	326	42	49	4	2	205	24

NA Not available.
Source: County parks and recreation departments.

Table 7.54-- GOLF COURSES, BY NUMBER OF HOLES, OWNERSHIP, AND ISLAND: 2013

Status, island, and ownership	Number of golf courses						Number of holes
	Total	9-hole	18-hole	27-hole	36-hole	54-hole	
State total	77	8	55	5	8	1	1,539
Military	6	1	4	1	-	-	108
Municipal	9	1	8	-	-	-	153
Private	62	6	43	4	8	1	1,278
Hawaii	18	1	13	1	3	-	378
Municipal	1	-	1	-	-	-	18
Private	17	1	12	1	3	-	360
Maui	11	1	6	-	3	1	279
Municipal	1	-	1	-	-	-	18
Private	10	1	5	-	3	1	261
Lanai	3	1	2	-	-	-	45
Private	3	1	2	-	-	-	45
Molokai	1	1	-	-	-	-	9
Private	1	1	-	-	-	-	9
Oahu	36	3	29	2	2	-	675
Military	6	1	4	1	-	-	108
Municipal	6	1	5	-	-	-	99
Private	24	1	20	1	2	-	468
Kauai	8	1	5	2	-	-	153
Municipal	1	-	1	-	-	-	18
Private	7	1	4	2	-	-	135

Source: Golflink <http://www.golflink.com/golf-courses/state.aspx?state=HI> accessed May 20, 2013, and calculations made by Hawaii State Department of Business, Economic Development and Tourism.

Table 7.55-- COUNTY GOLF COURSES AND CAMPING PERMITS, FOR OAHU: 1991 TO 2012

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
2008	6	99	578,082	7,622
2009	6	99	563,589	7,636
2010	6	99	534,508	8,815
2011	6	99	465,472	8,960
2012	6	99	464,708	10,773

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 2013

[The Sony Open is held at the Waialae Country Club golf course. Distance is 7,044 yards par is 70/280. Distance changed from 7,060 yards in 2007. 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
2009	72	265	15	5,400,000	972,000
2010	72	265	15	5,500,000	990,000
2011	72	264	16	5,500,000	990,000
2012	72	267	13	5,500,000	990,000
2013	72	256	24	5,500,000	990,000

Source: *Honolulu Star-Bulletin* and *The Honolulu Advertiser*, *The Honolulu Star-Advertiser*, various issues; CBSSPORTS.COM <http://www.cbssports.com/golf/leaderboard/pga-tour/1186071/sony-open-in-hawaii> accessed on April 27, 2012; and SB Nation <http://www.sbnation.com/golf/2013/1/13/3874248/2013-sony-open-golf-prize-money-purse> accessed on February 11, 2013.

Table 7.57-- PUBLIC HUNTING AREAS AND WILDLIFE SANCTUARIES AND REFUGES, BY ISLAND: OCTOBER 30, 2012

Island	Public hunting areas		Other wildlife sanctuaries and refuges 1/	
	Number	1,000 acres	Number	1,000 acres
State total	59	937,434	57	52.9
Hawaii	13	669,632	6	42.2
Maui	14	80,998	15	0.2
Lanai	3	33,097	5	(2/)
Molokai	5	20,115	10	(2/)
Oahu	12	24,600	17	0.2
Kauai	12	108,992	4	10.3

1/ State managed sanctuaries, refuges and preserves.
2/ 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: 2006 TO 2012

[Fiscal years ending June 30]

Type of license	2006	2007	2008	2009	2010	2011	2012
Freshwater fishing	6,059	6,787	6,857	8,279	5,678	2,688	2,759
Hunting	8,345	6,856	7,803	9,653	10,427	10,535	10,738

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: 2011

Subject	All activities	Hunting and fishing			Wildlife watching
		Both	Fishing	Hunting	
Hawaii residents 1/					
Participants (1,000)	(NA)	(NA)	(NA)	(NA)	161
Taking place in Hawaii 1/					
Participants, total (1,000)	(NA)	(NA)	157	2/ 23	295
Hawaii residents	(NA)	(NA)	104	2/ 23	88
Residents of other states	(NA)	(NA)	(3/)	(3/)	2/ 207
Expenditures (million dollars)	923	254	203	51	669

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, 2011 National Survey of Fishing, *Hunting, and Wildlife-Associated Recreation* (March 2013), pp. 17, 25, 33, 35 and 37 <http://www.census.gov/prod/2013pubs/fhw11-hi.pdf> accessed June 10, 2013 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 7.60-- HONOLULU MARATHON REGISTRANTS, FINISHERS AND WINNING TIMES: 1992 TO 2012

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
2008	23,231	20,062	2:14:35	2:32:36
2009	23,469	20,323	2:12:14	2:28:34
2010	20,417	20,181	2:15:18	2:32:13
2011	22,615	19,078	2:14:55	2:31:41
2012	24,413	24,156	2:12:31	2:31:23

Source: Honolulu Marathon Association, records; Honolulu Marathon Champions & Entrants/Finishers, at <http://www.honolulumarathon.org/?s=stats> and records.

Table 7.61-- IRONMAN TRIATHLON WORLD CHAMPIONSHIP PARTICIPANTS, FINISHERS, AND WINNING TIMES: 1992 TO 2012

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
2008	1,731	1,634	8:17:45	9:06:23
2009	1,778	1,650	8:20:21	8:54:02
2010	1,849	1,770	8:10:37	8:58:36
2011	1,859	1,773	8:03:56	8:55:08
2012	1,984	1,886	8:18:37	9:15:54

Source: Ironman Triathlon World Championship, records; 1995-1998 race results from JTL Timing Systems Hawaii at <http://www.ironmantri.com>; 1999-2009 race results from <http://www.ironmanlive.com> ; 2011 race results from <http://www.ironman.com/assets/files/results/worldchampionship/2012.pdf> accessed on May 22, 2012 and 2012 race results from <http://ironman.com/results/results-ironman/#axzz1vdE9AoWk> accessed on June 10, 2013, and records.

Table 7.62-- TRANSPACIFIC YACHT CLUB'S HONOLULU RACE ENTRIES AND WINNING TIMES: 1985 TO 2011

[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
2009	86	7:08:17:11	5:07:52:20
2011	64	6:19:44:28	6:13:10:19

Source: Transpac 2011website <http://www.transpacrace.com> accessed May 22, 2012.

Table 7.63-- TOTAL ATTENDANCE AT FOOTBALL BOWL GAMES: 2006-2007 TO 2012-2013 SEASONS

Bowl	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013
Hawaii Bowl	40,623	1/ 24,149	43,487	20,217	41,089	1/ 19,411	19,712
Hula Bowl	7,919	2/ 2,000	(3/)	(3/)	(3/)	(3/)	(3/)
Pro Bowl	50,410	50,044	49,958	(4/)	49,331	48,423	47,134

1/ Revised from previous *Data Book.*
2/ 2007-2008 figure represents an estimate as number reported at an "about 2,000."
3/ The Hula Bowl, usually held in January, was not played in 2009, 2010, 2011, 2012 and 2013.
4/ Held in Miami.

Source: *Honolulu Star-Advertiser* , *Honolulu Star-Bulletin* and *The Honolulu Advertiser*, *USA TODAY*, *Bleacher Report*, various issues; Sheraton Hawaii Bowl, records.

Table 7.64-- VARSITY SPORTS SUMMARY FOR THE UNIVERSITY OF HAWAII AT MANOA: 2008-2009 TO 2011-2012

[Includes only games played against four-year collegiate teams]

Sports	Games played 1/				Home games	
	Total	Won	Lost	Tied	Home dates	Attendance
2008-2009						
Baseball	58	32	26	-	31	92,717
Basketball (men's)	30	13	17	-	20	117,779
Basketball (women's)	31	8	23	-	16	17,339
Football	14	7	7	-	2/ 8	2/ 328,081
Volleyball (men's)	27	9	18	-	17	43,520
Volleyball (women's)	35	31	4	-	23	136,715
2009-2010						
Baseball	63	35	28	-	30	95,711
Basketball (men's)	30	10	20	-	21	119,004
Basketball (women's)	30	10	20	-	13	20,610
Football	13	6	7	-	7	257,074
Volleyball (men's)	29	19	10	-	16	54,636
Volleyball (women's)	35	32	3	-	20	128,457
2010-2011						
Baseball	59	34	25	-	40	117,712
Basketball (men's)	32	19	13	-	19	120,674
Basketball (women's)	30	11	19	-	17	24,212
Football	14	10	4	-	8	298,486
Volleyball (men's)	28	15	13	-	16	55,387
Volleyball (women's)	32	29	3	-	20	123,382
2011-2012						
Baseball	55	30	25	-	35	116,909
Basketball (men's)	32	16	16	-	17	109,723
Basketball (women's)	30	11	19	-	20	29,867
Football	13	6	7	-	6	188,047
Volleyball (men's)	27	7	20	-	15	43,535
Volleyball (women's)	33	31	2	-	23	156,718

1/ Volleyball data refer to matches.

2/ Includes 45,718 attendance for Sheraton Hawai‘i Bowl (counts as home game for NCAA purposes).

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: 2006-2007 TO 2011-2012 SEASONS

[Data are for Oahu only (OIA)]

Sport	Players	Games 1/	Attendance	Expenditure 2/ (dollars)
2006-2007				
Baseball	Boys	(NA)	(NA)	16,461
Basketball	Boys and girls	610	26,248	118,360
Football	Boys	171	121,533	175,203
2007-2008				
Baseball	Boys	(NA)	(NA)	23,185
Basketball	Boys and girls	671	20,439	142,126
Football	Boys	179	120,961	167,111
2008-2009				
Baseball	Boys	(NA)	(NA)	24,170
Basketball	Boys and girls	556	19,325	141,018
Football	Boys	166	83,550	164,163
2009-2010				
Baseball	Boys	(NA)	(NA)	42,917
Basketball	Boys and girls	505	18,255	157,027
Football	Boys	166	88,253	170,410
2010-2011				
Baseball	Boys	(NA)	(NA)	26,765
Basketball	Boys and girls	545	18,764	149,476
Football	Boys	162	83,530	165,566
2011-2012				
Baseball	Boys	(NA)	(NA)	27,500
Basketball	Boys and girls	524	28,383	131,945
Football	Boys	185	126,270	167,600

NA Not available.

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 2012

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	-	-	-
2008	2	3	450	16,000
2009	3	4	3,599	227,150
2010	2	1	(NA)	(NA)
2011	1	1	2,277	126,075
2012	-	-	-	-

NA Not available.
Source: Hawaii State Department of Commerce and Consumer Affairs, Boxing Commission, records.

Table 7.67-- DOG LICENSES ISSUED, BY ISLAND: 1993 TO 2012

[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	2/ 34,966	3,900
2008	50,919	6,186	7,009	16	32	2/ 35,129	2,547
2009	52,623	7,881	5,039	25	36	2/ 35,129	4,513
2010	51,072	7,353	4,683	65	61	2/ 34,797	4,113
2011	49,763	6,647	4,880	22	24	2/ 33,736	4,454
2012	(NA)	6,205	3/ 4,042	(NA)	(NA)	2/ 32,892	2,664

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.

3/ Figure includes only issued by Maui Humane Society.

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 1999-2011).

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: 2012* , Section 7.

Table Number **Table Name**

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Narrative

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Table 8.01-- POPULATION OF VOTING AGE, REGISTERED VOTERS, AND VOTES CAST IN GENERAL ELECTIONS: 2004 TO 2012

Subject	2004	2006	2008	2010	2012
Persons of voting age (1,000) 1/	938	975	1,004	977	1,083
Registered voters (1,000)	647	663	691	691	706
Percent	69.0	68.0	68.8	70.7	65.2
Votes cast (1,000)	432	349	456	385	437
Percent	66.7	52.7	66.0	55.8	61.9

1/ Resident population 18 years and over, including Armed Forces stationed in Hawaii, aliens, and institutional population. November estimates.

Source: U.S. Census Bureau, <http://www.census.gov/population/www/socdemo/voting.html> *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: 2012

Election and county	Registered voters			Votes cast	
	Both sexes	Male	Female	Number	Percent of reg. voters
PRIMARY ELECTION August 11, 2012					
State Total	687,500	328,447	359,053	1/ 290,766	42.3
Hawaii	101,728	48,378	53,350	43,353	42.6
Maui	84,042	40,242	43,800	25,702	30.6
Honolulu	461,896	220,688	241,208	206,034	44.6
Kauai	39,834	19,139	20,695	15,606	39.2
GENERAL ELECTION November 6, 2012					
State Total	705,668	336,938	368,730	2/ 437,159	61.9
Hawaii	104,323	49,596	54,727	63,812	61.2
Maui	86,053	41,186	44,867	48,915	56.8
Honolulu	474,554	226,574	247,980	298,339	62.9
Kauai	40,738	19,582	21,156	25,617	62.9

1/ Includes 71 overseas ballots.
2/ Includes 476 overseas ballots.
Source: State of Hawaii, Office of Elections, records.

Table 8.03-- REGISTERED VOTERS AND VOTES CAST IN PRIMARY AND GENERAL ELECTIONS: 1982 TO 2012

Type and date of election	Registered voters			Votes cast	
	Both sexes	Male	Female	Number	Percent of reg. voters
PRIMARY ELECTIONS					
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
2008: Sept.20	667,647	319,910	347,737	246,299	36.9
2010: Sept.18	684,481	327,545	356,936	293,016	42.8
2012: Aug. 11	687,500	328,447	359,053	290,766	42.3
GENERAL ELECTIONS					
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
2008: Nov. 4	691,356	331,115	360,241	456,064	66.0
2010: Nov. 2	690,748	330,551	360,197	385,464	55.8
2012: Nov. 6	705,668	336,938	368,730	437,159	61.9

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, AUGUST 11, 2012

Office, party, and candidate	Votes 1/
U.S. SENATOR	
Democrat	
Hirono, Mazie	134,745
Case, Ed	95,553
Reyes, Arturo Pacheco (Art)	1,720
Gillespie, Michael D.	1,104
Gimbernat, Antonio	517
Republican	
Lingle, Linda	44,252
Carroll, John	2,900
Roco, John P.	545
Collins, Charles Augustine	366
Pirkowski, Eddie	232
Nonpartisan	
Beasley, Heath	827
U.S. HOUSE, DISTRICT 1	
Democrat	
Hanabusa, Colleen W.	92,136
Wyttenbach, Roy II (Sky)	17,369
Republican	
Djou, Charles K.	25,984
Amsterdam, C. Kaui Jochanan	799
Giuffre, John Raghu	376
U.S. HOUSE, DISTRICT 2	
Democrat	
Gabbard, Tulsi	62,882
Hannemann, Mufi	39,176
Kia'aina, Esther	6,681
Marx, Bob	4,327
Shiratori, Miles	573
Del Castillo, Rafael	520
U.S. HOUSE, DISTRICT 2 CONTINUED	
Republican	
Crowley, Kawika	9,056
DiGeronimo, Matthew	5,843
MAYOR, COUNTY OF HAWAII	
Kenoi, Billy	18,393
Kim, Harry	14,803
Yagong, Dominic	8,352
Christie, Share	511
Cunninghham, Daniel H.	336
Walls, Rand (Baker Tom)	227
PROSECUTING ATTORNEY COUNTY OF HAWAII	
Ashida, Lincoln	19,771
Roth, Mitch	12,929
Dolan, Paul	6,864
PROSECUTING ATTORNEY COUNTY OF KAUAI	
Kollar, Justin F.	7,081
Iseri-Carvalho, Shaylene	6,970
MAYOR, CITY & COUNTY OF HONOLULU	
Cayetano, Benjamin J.	90,956
Caldwell, Kirk	59,963
Carlisle, Peter B.	51,101
Dejean, Khistina Caldwell	1,289

1/ Excludes blank and overvotes.

Source: State of Hawaii, Office of Elections, records and <http://hawaii.gov/elections/results> accessed March 21, 2013.

Table 8.05-- VOTES CAST BY PARTY BALLOT IN PRIMARY ELECTIONS: 1988 TO 2012

Year	Total party ballots cast	Democratic	Republican	Other parties 1/	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
2008	246,299	194,605	42,499	7,120	2,075	250
2010	293,016	240,120	45,733	5,590	1,305	268
2012	290,766	237,036	49,044	2,531	1,944	211

1/ Includes "Special only" and "Overseas turnout."
Source: State of Hawaii, Office of Elections, records.

Table 8.06-- VOTES CAST BY PARTY BALLOT IN PRIMARY ELECTION, BY COUNTY: AUGUST 11, 2012

Party	State total	County of Hawaii	County of Maui	City and County of Honolulu	County of Kauai
Total votes cast 1/	288,640	43,097	25,614	204,405	15,524
Libertarian	176	63	7	95	11
Green	229	58	15	148	8
Democratic	237,036	37,030	21,500	164,913	13,593
Nonpartisan	1,944	354	420	1,087	83
Republican	49,044	5,550	3,653	38,023	1,818
Invalid, blank, multiparty	211	42	19	139	11

1/ Exclude special and overseas votes.
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 6, 2012

Island	Number of precincts	Registered voters	Votes cast 1/	Percent voting
State total	233	705,668	436,683	61.9
Hawaii	40	104,323	63,812	61.2
Maui	29	80,220	46,778	58.3
Lanai	1	1,695	698	41.2
Molokai: Molokai District	4	4,090	1,439	35.2
Kalawao District (Kalaupapa)	1	48	-	0.0
Oahu 2/	142	474,554	298,339	62.9
Kauai	15	40,638	25,617	63.0
Niihau	1	100	-	0.0

1/ Election day precinct turnout, does not include absentee mail-in and absentee walk-in voting figures.
2/ 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 6, 2012

Age	Both sexes	Male	Female
All ages (except 16 or 17 years)	705,668	336,938	368,730
16 or 17 years 1/	1,398	580	818
18 or 19 years	9,989	4,520	5,469
20 to 29 years	93,751	43,304	50,447
30 to 39 years	111,992	53,982	58,010
40 to 49 years	119,104	58,551	60,553
50 to 64 years	207,079	100,895	106,184
65 years and over	163,753	75,686	88,067

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 2012

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
2008	453,568	Obama, B.	325,871	McCain, J.	120,566	7,131
2012	434,697	Obama, B.	306,658	Romney, M	121,015	7,024
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
2010	370,583	Inouye, D.	277,228	Cavasso, C.	79,939	13,416
2012	430,483	Hirono, M.	269,489	Lingle, L.	160,994	-
U.S. REPRE-SENTATIVE, 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	-
2008	199,917	Abercrombie, N.	154,208	Tataii, S.	38,115	7,594
2010	176,863	Hanubusa, C.	94,140	Djou, C.	82,723	-
2012	213,329	Hanubusa, C.	116,505	Djou, C.	96,824	-

Continued on next page.

Table 8.09-- VOTES CAST FOR MAJOR OFFICES: GENERAL ELECTIONS, 1988 TO 2012 -- Con.

Office and election year	Total votes cast 1/	Democrat		Republican		Other parties: votes
		Candidate	Votes	Candidate	Votes	
U.S. REPRE-SENTATIVE, 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	-
2008	217,914	Hirono, M.	165,748	Evans, R.	44,425	7,741
2010	183,258	Hirono, M.	132,290	Willoughby, J.	46,404	4,564
2012	209,210	Gabbard, T.	168,503	Crowley, K.	40,707	-
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
2010	382,563	Abercrombie, N.	222,724	Aiona, D.	157,311	2,528

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 and <http://hawaii.gov/elections/results> accessed March 21, 2013.

Table 8.10-- VOTES CAST FOR THE OFFICE OF MAYOR: GENERAL ELECTIONS, 1994 TO 2012

Election year	Total votes cast 1/	Top candidates: Winner: Candidate 2/	Winner: Votes	Runner-up: Candidate 2/	Runner-up: Votes	Other candidates: votes
CITY & COUNTY OF HONOLULU						
1994 3/						
1996 4/	254,780	Harris, J.	146,034	Morgado, A.	108,746	-
2000 5/						
2004 4/	294,544	Hannemann, M.	147,949	Bainum, D.	146,595	-
2008 4/	298,795	Hannemann, M.	172,997	Kobayashi, A.	125,798	-
2010 6/						
2012 4/	292,454	Caldwell, K.	157,714	Cayetano, B.	134,740	-
COUNTY OF HAWAII						
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 7/						
2008 4/	64,878	Kenoi, B.	37,368	Pilago, K. A.	27,510	-
2012 4/	62,174	Kenoi, B.	31,806	Kim, H.	30,368	-
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	-
2010 4/	41,139	Arakawa, A.	24,195	Tavares, C.	16,944	-
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 4/	22,691	Baptiste, B.	12,174	Kouchi, R.	10,517	-
2006 8/						
2008 4/	26,556	Carvalho, B.	15,861	Yukimura, J	10,695	-
2010 4/	21,422	Carvalho, B.	17,744	LaBedz, D.	3,678	-

Continued on next page.

Table 8.10-- VOTES CAST FOR THE OFFICE OF MAYOR: GENERAL ELECTIONS, 1994 TO 2012 -- Con.

1/ Excludes over votes and blank votes.

2/ D, Democrat; G, Green; R, Republican.

3/ 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.

4/ Nonpartisan election.

5/ 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.

6/ In 2010, Mayor Hannemann 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 2010 primary election, with all 8 candidates running on a nonpartisan, winner-take-all basis. P. Carlisle, K. Caldwell and other candidates received 80,553, 71,815 and 43,851 votes, respectively.

7/ Contest was decided in the Primary Election, Harry Kim won with 20,521 votes.

8/ Contest was decided in the Primary Election, Bryan Baptiste won with 8,173 votes.

Source: State of Hawaii, Office of Elections, records and <http://hawaii.gov/elections/results> accessed March 21, 2013.

Table 8.11-- VOTES CAST FOR MAJOR OFFICES, BY COUNTY: GENERAL ELECTION, NOVEMBER 6, 2012

[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. PRESIDENT				
Obama, Barack (D)	47,224	36,052	204,349	18,641
Romney, Mitt (R)	14,753	11,602	88,461	6,121
Johnson, Gary (L)	749	565	2,252	272
Stein, Jill (G)	728	434	1,680	338
U.S. SENATOR				
Hirono, Mazie (D)	43,383	33,169	174,634	17,973
Lingle, Linda (R)	19,491	15,096	119,176	7,134
U.S. HOUSE, DISTRICT 1				
Hanabusa, Colleen W. (D)	(X)	(X)	116,296	(X)
Djou, Charles K. (R)	(X)	(X)	96,776	(X)
U.S. HOUSE, DISTRICT 2				
Gabbard, Tulsi (D)	49,995	37,912	60,581	19,890
Crowley, Kawika (R)	11,158	8,481	17,021	4,007

X Not applicable.

1/ D, Democrat; G, Green; L, Libertarian; and R, Republican.

Source: State of Hawaii, Office of Elections, records and <http://hawaii.gov/elections/results> accessed March 21, 2013.

Table 8.12-- NEIGHBORHOOD BOARD ELECTIONS, FOR OAHU: 1989 TO 2011

Year	Number of boards		Board seats elected	Ballots mailed 2/ 3/	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
2009	33	33	445	115,000	7,289
2011	33	33	439	156,600	13,264

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.

3/ In 2009, ballots were cast online or via an automated phone system. Passcodes were mailed out to eligible voters.

Source: City and County of Honolulu, Neighborhood Commission, records.

Table 8.13-- PARTY MEMBERSHIP OF THE STATE LEGISLATURE: 1987 TO 2013

Regular session	House of Representatives				Senate			
	Total	Demo-crats	Repub-licans	Other	Total	Demo-crats	Repub-licans	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	-
2009	51	45	6	-	25	23	2	-
2010	51	45	6	-	25	23	2	-
2011	51	43	8	-	25	24	1	-
2012	51	43	8	-	25	24	1	-
2013	51	44	7	-	25	24	1	-

Source: Hawaii State Office of Elections, records; Hawaii State Legislature, <http://www.capitol.hawaii.gov/members/legislators.aspx?chamber=H> and <http://www.capitol.hawaii.gov/members/legislators.aspx?chamber=S> accessed May 30, 2013.

Table 8.14-- LENGTH OF LEGISLATIVE SESSIONS: 1992 TO 2013

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	107	13/ July 8	14/ 5
2009	Jan. 21	15/ 108	16/ July 15	17/ 5
2010	Jan. 20	100	18/ Aug. 5	19/ 4
2011	Jan. 19	107	Aug.31	2
2012	Jan. 18	107	June 28	2
2013	Jan. 16	107	(NA)	(NA)

Continued on next page.

Table 8.14-- LENGTH OF LEGISLATIVE SESSIONS: 1992 TO 2013 -- Con.

NA Not available.

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).

13/ The Second Special Session of 2008 convened on July 30 and the Third Special Session of 2008 convened on November 17.

14/ Combined length for the First Special Session (1 day), Second Special Session (2 days), and Third Special Session (2 days).

15/ Session extended 2 days by the legislature.

16/ The Second Special Session of 2009 convened on August 18 and the Third Special Session of 2009 convened on November 19.

17/ Combined length for the First Special Session (1 day), Second Special Session (2 days), and Third Special Session (2 days).

18/ The Second Special Session of 2010 convened on September 1.

19/ Combined length for the First Special Session (2 days) and Second Special Session (2 days).

Source: Legislative Reference Bureau, records.

Table 8.15-- LEGISLATIVE BILLS AND RESOLUTIONS, BY DISPOSITION: 2011 AND 2012

Action	Session		
	2011	2012	
	Regular	Regular	Special
House bills			
Carried over from previous year	-	1,535	-
Introduced	1,665	1,219	-
Passed 1/	130	179	-
Vetoed	7	6	-
Became law 2/	123	172	-
Senate bills			
Carried over from previous year	-	1,437	-
Introduced	1,559	1,072	-
Passed 3/	122	166	-
Vetoed	10	8	-
Became law 4/	112	157	-
House resolutions			
Offered	308	200	-
Adopted	117	91	-
House concurrent resolutions			
Offered	318	229	-
Adopted	34	39	-
Senate resolutions			
Offered	114	108	1
Adopted	23	51	1
Senate concurrent resolutions			
Offered	178	176	-
Adopted	13	34	-

Continued on next page.

Table 8.15-- LEGISLATIVE BILLS AND RESOLUTIONS, BY DISPOSITION: 2011 AND 2012 -- Con.

1/ The 2012 total includes H.B. 2594 which proposes a constitutional amendment.

2/ The 2011 total includes the following bills that became law without the Governor's signature: H.B. 1138 and H.B. 1552. The 2012 total includes the following bills that became law without the Governor's signature: H.B. 280, H.B. 1868, H.B. 2078, H.B. 2320, and H.B. 2537.

3/ The 2012 total includes S.B. 650 which proposes a constitutional amendment.

4/ The 2011 total includes the following bills that became law without the Governor's signature: S.B. 173, S.B. 782, S.B. 946, S.B. 975, and S.B. 1533. The 2012 total includes S.B. 2341 which became law without the Governor's signature.

Source: Legislative Reference Bureau, records.

Table 8.16-- LEGISLATIVE BILLS AND RESOLUTIONS, BY DISPOSITION: 2013

Action	Session	
	2013	
	Regular	Special
House bills		
Carried over from previous year	-	-
Introduced	1,484	-
Passed	123	-
Vetoed	3	-
Became law 1/	120	-
Senate bills		
Carried over from previous year	-	-
Introduced	1,388	-
Passed 2/	170	-
Vetoed	1	-
Became law 3/	168	-
House resolutions		
Offered	219	-
Adopted	96	-
House concurrent resolutions		
Offered	241	-
Adopted	44	-
Senate resolutions		
Offered	154	-
Adopted	76	-
Senate concurrent resolutions		
Offered	202	-
Adopted	45	-

1/ The 2013 total includes the H.B. 424, H.B. 1059, and H.B. 1130 which became law without the Governor's signature.

2/ The 2013 total includes S.B. 886 & S.B. 1084 which propose a constitutional amendment.

3/ The 2013 total includes S.B. 909 which contains vetoed items. The 2013 total also includes S.B. 3, S.B. 68, S.B. 614, S.B. 867, S.B. 911, S.B. 966, S.B. 1214, S.B. 1265, and S.B. 1388 which became law without the Governor's signature.

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: 2012* , Sections 8 and 9.

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Table 9.01-- FEDERAL, STATE, AND COUNTY TAX COLLECTIONS: 1980 TO 2012

[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	7,975,929	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	8,346,551	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 2/	13,206,833	8,394,777	4,812,056	3,849,135	962,921
2005 2/	12,204,228	6,680,481	5,523,747	4,434,356	1,089,391
2006 2/	13,321,730	7,122,326	6,199,404	4,918,655	1,280,749
2007 2/	14,227,076	7,666,494	6,560,582	5,090,499	1,470,083
2008 2/	15,244,258	8,489,937	6,754,321	5,147,569	1,606,752
2009 2/ 3/	13,155,169	6,747,592	6,407,577	4,712,651	1,694,926
2010 2/	12,880,248	6,280,828	6,599,420	4,837,862	1,761,558
2011 2/	12,700,474	6,127,725	6,572,749	4,857,729	1,715,020
2012 2/	(NA)	6,511,578	(NA)	5,516,146	(NA)

NA Not available.

1/ *IRS Data Book 1997* contains data for the Pacific-Northwest of which Hawaii is a part. No Hawaii detail.

2/ State and county compilation by the U.S. Census Bureau is generally based on the same source documents as the Tax Foundation of Hawaii but may not be strictly comparable in the treatment of specific categories.

3/ 'All levels', 'State and counties, Total', and 'Counties' revised from previous *Data Book.*

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); *Internal Revenue Service Data Book* (annual, beginning 1992); and for 2001 to 2012 <http://www.irs.gov/uac/SOI-Tax-Stats-IRS-Data-Book> accessed March 25, 2013; U.S. Census Bureau, "State & Local Summary Tables by Level of Government - Hawaii" (annual from 2004) <http://www.census.gov/govs/estimate/> accessed July 24, 2013; Ibid."Annual Survey of State Government Tax Collections" (annual) <http://www.census.gov/govs/statetax/> accessed April 11, 2013; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 9.02-- FEDERAL TAX COLLECTIONS, BY SOURCE: 2008 to 2012

[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	2008 1/	2009 1/	2010 1/	2011 1/	2012 1/
Federal collections	8,489,937	6,747,592	6,280,828	6,127,725	6,511,578
Corporate income 2/	735,937	423,772	494,126	365,380	398,720
Individual income and employment	7,500,971	6,134,814	5,585,801	5,610,788	5,922,132
Income tax not withheld & SECA 3/	2,022,680	1,297,854	1,178,488	1,240,301	1,277,012
Estate and trust income tax	(3/)	36,356	30,680	45,639	38,631
Income tax withheld & FICA 4/	5,452,573	4,778,720	4,357,286	4,305,223	4,589,302
Railroad retirement	(5/)	-	-	-	-
Unemployment insurance	25,719	21,883	19,347	19,625	17,187
Estate	97,607	67,301	71,251	16,004	29,547
Gift	30,260	6,777	10,321	5,159	9,057
Excise 6/	125,161	114,929	119,330	130,395	152,122

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/ Includes taxes on corporation income and unrelated business income from tax-exempt organizations.

3/ 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 through 2008 but which is shown separately beginning in 2009.

4/ FICA Federal Insurance Contributions Act, includes Old-Age, Survivors, Disability, and Hospital Insurance taxes on wages and salaries.

5/ Less than $500.

6/ 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, *Internal Revenue Service Data Book* (annual) <http://www.irs.gov/uac/SOI-Tax-Stats-IRS-Data-Book> accessed March 27, 2013.

Table 9.03-- STATE AND LOCAL GOVERNMENT REVENUES: 1992 TO 2011

[Data rounded to thousands of dollars. For fiscal year ending June 30. Duplicative intergovernmental transactions are excluded. 2009 and 2010 are revised]

Year	State & local	State	Local
1992	6,521,997	5,298,548	1,363,460
1993	6,860,466	5,543,158	1,500,924
1994	7,075,297	5,697,740	1,558,721
1995	7,179,570	5,777,523	1,599,500
1996	7,820,751	6,383,347	1,619,347
1997	8,144,623	6,700,545	1,620,451
1998	8,259,443	6,760,740	1,666,552
1999	8,093,565	6,646,380	1,607,842
2000	8,488,284	6,940,637	1,703,365
2001	(1/)	(1/)	(1/)
2002	7,451,684	5,868,714	1,739,130
2003	(1/)	(1/)	(1/)
2004	10,174,146	8,420,828	1,937,147
2005	11,000,269	9,091,681	2,107,119
2006	11,998,548	9,856,552	2,378,623
2007	13,592,500	11,172,950	2,649,538
2008	11,968,775	9,298,617	2,909,935
2009	9,905,510	7,091,312	3,090,028
2010	14,675,202	11,764,762	3,139,191
2011	15,958,833	12,931,811	3,271,098

1/ There are no state-by-state statistics available.

Source: U.S. Census Bureau, "State and Local Government Finances by Level of Government and by State" (annual) <http://www.census.gov/govs/> accessed July 24, 2013.

Table 9.04-- STATE GOVERNMENT TAX COLLECTIONS: 2003 TO 2012

[Data rounded to thousands of dollars. For fiscal year ending June 30. The Census Bureau revised 2010 and 2011 on April 11, 2013 but Hawaii data were not affected]

Source	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total taxes	3,569,824	3,849,135	4,434,356	4,918,655	5,090,499	5,147,569	4,712,651	4,837,862	4,857,729	5,516,146
Sales and gross receipts	2,349,595	2,470,299	2,748,613	3,011,603	3,227,965	3,302,179	3,125,035	3,044,380	3,335,562	3,581,652
General sales and gross receipts	1,792,698	1,900,377	2,136,604	2,355,316	2,557,644	2,619,595	2,461,618	2,316,434	2,495,807	2,697,951
Selective sales taxes	556,897	569,922	612,009	656,287	670,321	682,584	663,417	727,946	839,755	883,701
Alcoholic beverages	41,185	41,250	43,717	45,955	46,034	45,620	47,242	44,074	48,054	48,854
Insurance premiums	76,670	81,916	87,285	92,219	99,079	99,158	98,038	108,646	143,455	122,401
Motor fuels	80,194	84,378	86,426	87,476	89,729	94,080	91,712	86,370	95,310	93,349
Public utilities	114,115	99,504	108,686	120,679	124,017	127,481	126,069	157,661	117,940	150,528
Tobacco products	72,297	79,387	85,244	88,261	85,779	89,265	88,145	105,523	125,797	121,971
Other selective sales	172,436	183,487	200,651	221,697	225,683	226,980	212,211	225,672	309,199	346,598
Licenses	124,430	123,257	143,109	147,620	152,895	156,781	146,270	145,952	151,525	258,795
Corporation	1,689	2,114	2,017	1,402	1,478	1,575	1,402	1,461	1,479	1,539
Hunting and fishing	364	275	365	372	440	424	397	378	432	465
Motor vehicle	87,245	89,268	99,735	108,030	108,314	111,262	100,413	100,575	104,923	206,164
Motor vehicle operators	264	189	531	465	446	404	291	241	349	487
Public utility	11,717	10,450	16,871	12,959	14,580	15,819	16,171	20,325	15,785	17,810
Occupation and business, NEC	21,794	19,484	22,117	22,847	26,176	25,790	26,390	21,682	27,386	31,168
Other licenses	1,357	1,477	1,473	1,545	1,461	1,507	1,206	1,290	1,171	1,162
Income taxes 1/	1,068,457	1,227,324	1,505,606	1,698,841	1,661,153	1,650,129	1,417,299	1,607,643	1,315,150	1,621,002
Individual income	1,037,854	1,169,205	1,381,481	1,550,757	1,560,306	1,544,835	1,338,702	1,527,790	1,247,291	1,540,746
Corporation net income	30,603	58,119	124,125	148,084	100,847	105,294	78,597	79,853	67,859	80,256
Other taxes 1/	27,342	28,255	37,028	60,591	48,486	38,480	24,047	39,887	55,492	54,697
Death and gift	15,524	9,829	12,712	4,017	162	164	274	0	6,899	14,125
Documentary and stock transfer	11,818	18,426	24,316	56,574	48,324	38,316	23,773	39,887	48,593	40,572

1/ 2003 categories regrouped to conform to that published 2004 and beyond.

Source: U.S. Census Bureau, "Annual Survey of State Government Tax Collections" (annual) <http://www.census.gov/govs/statetax/> accessed June 18, 2013.

Table 9.05-- STATE GOVERNMENT TAX COLLECTIONS FOR THE UNITED STATES AND HAWAII: 2010

[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. United States tax data revised on April 11, 2013 but Hawaii data not affected]

Item	United States		Hawaii	
	Amount	Per capita 1/	Amount	Per capita 1/
Total taxes	703,444,475	2,274.12	4,837,862	3,546.11
Property taxes	14,545,004	47.02	(X)	(X)
Sales and gross receipts	343,400,609	1,110.16	3,044,380	2,231.50
General sales and gross receipts	223,039,580	721.05	2,316,434	1,697.92
Selective sales taxes	120,361,029	389.11	727,946	533.58
Alcoholic beverages	5,504,690	17.80	44,074	32.31
Amusements	6,436,222	20.81	(X)	(X)
Insurance premiums	15,826,938	51.17	108,646	79.64
Motor fuels	36,641,556	118.46	86,370	63.31
Pari-mutuels	147,805	0.48	(X)	(X)
Public utilities	14,760,512	47.72	157,661	115.56
Tobacco products	16,831,613	54.41	105,523	77.35
Other selective sales	24,211,693	78.27	225,672	165.42
Licenses	50,330,009	162.71	145,952	106.98
Alcoholic beverages	445,817	1.44	(X)	(X)
Amusements	654,631	2.12	(X)	(X)
Corporation	9,923,925	32.08	1,461	1.07
Hunting and fishing	1,486,866	4.81	378	0.28
Motor vehicle	20,720,511	66.99	100,575	73.72
Motor vehicle operators	2,474,586	8.00	241	0.18
Public utility	940,487	3.04	20,325	14.90
Occupation and business, NEC	12,786,466	41.34	21,682	15.89
Other licenses	896,720	2.90	1,290	0.95
Income taxes	273,755,330	885.01	1,607,643	1,178.39
Individual income	235,994,401	762.93	1,527,790	1,119.86
Corporation net income	37,760,929	122.07	79,853	58.53
Other taxes	21,413,523	69.23	39,887	29.24
Death and gift	3,891,096	12.58	(X)	(X)
Documentary and stock transfer	4,249,700	13.74	39,887	29.24
Severance	11,196,615	36.20	(X)	(X)
Other	2,076,112	6.71	(X)	(X)

X Not applicable.

1/ Based on July 1, 2010 population for the United States of 309,326,225 and for Hawaii 1,364,274. As released December 2012 by the U.S. Census Bureau, Population Division, "Table 1. Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2012 (NST-EST2012-01) <http://www.census.gov/popest/data/state/totals/2012/tables/NST-EST2012-01.xls> accessed July 14, 2013.

Source: U.S. Census Bureau, "State Government Tax Collections: 2010" <http://www.census.gov/govs/statetax/> accessed July 14, 2013 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 9.06-- STATE GOVERNMENT TAX COLLECTIONS FOR THE UNITED STATES AND HAWAII: 2011

[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. United States tax data revised on April 11, 2013 but Hawaii data not affected]

Item	United States		Hawaii	
	Amount	Per capita 1/	Amount	Per capita 1/
Total taxes	760,259,286	2,439.95	4,857,729	3,524.87
Property taxes	14,172,905	45.49	(X)	(X)
Sales and gross receipts	367,745,688	1,180.23	3,335,562	2,420.36
General sales and gross receipts	235,939,298	757.22	2,495,807	1,811.01
Selective sales taxes	131,806,390	423.02	839,755	609.34
Alcoholic beverages	5,728,581	18.39	48,054	34.87
Amusements	6,609,597	21.21	(X)	(X)
Insurance premiums	16,432,901	52.74	143,455	104.09
Motor fuels	39,883,017	128.00	95,310	69.16
Pari-mutuels	136,933	0.44	(X)	(X)
Public utilities	14,673,215	47.09	117,940	85.58
Tobacco products	17,250,498	55.36	125,797	91.28
Other selective sales	31,091,648	99.78	309,199	224.36
Licenses	51,577,073	165.53	151,525	109.95
Alcoholic beverages	446,968	1.43	(X)	(X)
Amusements	477,316	1.53	(X)	(X)
Corporation	9,965,455	31.98	1,479	1.07
Hunting and fishing	1,472,226	4.72	432	0.31
Motor vehicle	21,542,759	69.14	104,923	76.13
Motor vehicle operators	2,524,961	8.10	349	0.25
Public utility	920,981	2.96	15,785	11.45
Occupation and business, NEC	13,141,616	42.18	27,386	19.87
Other licenses	1,084,791	3.48	1,171	0.85
Income taxes	300,692,124	965.03	1,315,150	954.30
Individual income	259,309,028	832.22	1,247,291	905.06
Corporation net income	41,383,096	132.81	67,859	49.24
Other taxes	26,071,496	83.67	55,492	40.27
Death and gift	4,488,788	14.41	6,899	5.01
Documentary and stock transfer	4,638,514	14.89	48,593	35.26
Severance	14,536,784	46.65	(X)	(X)
Other	2,407,410	7.73	(X)	(X)

X Not applicable.

1/ Based on July 1, 2011 population for the United States of 311,587,816 and for Hawaii 1,378,129. As released December 2012 by the U.S. Census Bureau, Population Division, "Table 1. Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2012 (NST-EST2012-01) <http://www.census.gov/popest/data/state/totals/2012/tables/NST-EST2012-01.xls> accessed July 14, 2013.

Source: U.S. Census Bureau, "State Government Tax Collections: 2011" (revised April 11, 2013) <http://www.census.gov/govs/statetax/> accessed April 12, 2012 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 9.07-- STATE GOVERNMENT TAX COLLECTIONS FOR THE UNITED STATES AND HAWAII: 2012

[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	794,570,079	2,531.17	5,516,146	3,961.86
Property taxes	12,994,218	41.39	(X)	(X)
Sales and gross receipts	374,763,421	1,193.84	3,581,652	2,572.45
General sales and gross receipts	242,697,113	773.13	2,697,951	1,937.75
Selective sales taxes	132,066,308	420.71	883,701	634.70
Alcoholic beverages	6,018,645	19.17	48,854	35.09
Amusements	6,755,494	21.52	(X)	(X)
Insurance premiums	16,659,800	53.07	122,401	87.91
Motor fuels	39,914,893	127.15	93,349	67.05
Pari-mutuels	135,752	0.43	(X)	(X)
Public utilities	14,477,708	46.12	150,528	108.11
Tobacco products	17,086,174	54.43	121,971	87.60
Other selective sales	31,017,842	98.81	346,598	248.94
Licenses	54,010,876	172.06	258,795	185.87
Alcoholic beverages	465,259	1.48	(X)	(X)
Amusements	655,107	2.09	(X)	(X)
Corporation	10,944,144	34.86	1,539	1.11
Hunting and fishing	1,483,345	4.73	465	0.33
Motor vehicle	22,596,483	71.98	206,164	148.07
Motor vehicle operators	2,625,146	8.36	487	0.35
Public utility	794,114	2.53	17,810	12.79
Occupation and business, NEC	13,303,567	42.38	31,168	22.39
Other licenses	1,143,711	3.64	1,162	0.83
Income taxes	322,100,921	1,026.08	1,621,002	1,164.25
Individual income	280,359,640	893.11	1,540,746	1,106.61
Corporation net income	41,741,281	132.97	80,256	57.64
Other taxes	30,700,643	97.80	54,697	39.28
Death and gift	4,485,466	14.29	14,125	10.14
Documentary and stock transfer	5,016,971	15.98	40,572	29.14
Severance	18,752,729	59.74	(X)	(X)
Taxes, NEC	2,445,477	7.79	(X)	(X)

X Not applicable.

1/ Based on July 1, 2012 population for the United States of 313,914,040 and for Hawaii 1,392,313. As released December 2012 by the U.S. Census Bureau, Population Division, "Table 1. Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2012 (NST-EST2012-01) <http://www.census.gov/popest/data/state/totals/2012/tables/NST-EST2012-01.xls> accessed July 14, 2013.

Source: U.S. Census Bureau, "State Government Tax Collections: 2012" <http://factfinder2.census.gov/bkmk/table/1.0/en/STC/2012/STC001> accessed April 12, 2012 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 9.08-- ESTIMATED STATE AND LOCAL TAXES PAID BY A FAMILY OF THREE, FOR HONOLULU AND THE MEDIAN AND AVERAGE OF 51 MAJOR CITIES: 2008 TO 2011

[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
2008							
25,000	3,213	12.9	6	2,703	10.8	2,720	10.9
50,000	2,545	5.1	48	3,849	7.7	4,084	8.2
75,000	4,441	5.9	40	5,995	8.0	6,024	8.0
100,000	6,701	6.7	39	8,207	8.2	8,179	8.2
150,000	10,931	7.3	37	12,596	8.4	11,749	7.8
2009							
25,000	3,283	13.1	5	2,700	10.8	2,750	11.0
50,000	3,476	7.0	41	4,182	8.4	4,364	8.7
75,000	5,480	7.3	37	6,320	8.4	6,392	8.5
100,000	7,767	7.8	38	8,906	8.9	8,757	8.8
150,000	11,598	7.7	35	12,851	8.6	12,165	8.1
2010							
25,000	3,160	12.6	9	2,684	10.7	2,727	10.9
50,000	3,184	6.4	43	4,484	9.0	4,414	8.8
75,000	5,211	6.9	38	6,766	9.0	6,471	8.6
100,000	7,341	7.3	37	8,586	8.6	8,402	8.4
150,000	11,506	7.7	33	12,947	8.6	12,244	8.2
2011							
25,000	4,124	16.5	3	2,956	11.8	3,065	12.3
50,000	3,574	7.1	43	4,693	9.4	4,971	9.9
75,000	5,617	7.5	39	7,009	9.3	7,041	9.4
100,000	7,502	7.5	37	8,974	9.0	8,719	8.7
150,000	11,660	7.8	37	13,325	8.9	12,831	8.6

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/node/215912> accessed January 22, 2013.

Table 9.09-- TAX FREEDOM DAY FOR THE UNITED STATES, EACH OF THE 50 STATES AND THE DISTRICT OF COLUMBIA: 2013

[Tax Freedom Day is the day when the nation as a whole has earned enough money to pay off its total tax bill for the year. See source for details]

Area	Tax Freedom Day	Rank 1/	Area	Tax Freedom Day	Rank 1/
United States	April 18	(X)			
Alabama	April 5	44	Nebraska	April 12	28
Alaska	April 6	40	Nevada	April 14	21
Arizona	April 5	43	New Hampshire	April 15	20
Arkansas	April 7	39	New Jersey	May 4	3
California	April 24	6	New Mexico	April 3	46
Colorado	April 17	16	New York	May 6	2
Connecticut	May 13	1	North Carolina	April 10	30
Delaware	April 14	22	North Dakota	April 18	14
Florida	April 15	19	Ohio	April 12	29
Georgia	April 9	33	Oklahoma	April 6	42
Hawaii	**April 14**	**24**	Oregon	April 15	18
Idaho	April 9	36	Pennsylvania	April 17	15
Illinois	April 25	5	Rhode Island	April 19	12
Indiana	April 13	26	South Carolina	April 3	47
Iowa	April 9	34	South Dakota	April 4	45
Kansas	April 9	35	Tennessee	April 2	48
Kentucky	April 6	41	Texas	April 10	31
Louisiana	March 29	49	Utah	April 13	27
Maine	April 8	38	Vermont	April 14	25
Maryland	April 21	8	Virginia	April 20	10
Massachusetts	April 25	4	Washington	April 20	9
Michigan	April 14	23	West Virginia	April 19	13
Minnesota	April 23	7	Wisconsin	April 20	11
Mississippi	March 29	50	Wyoming	April 16	17
Missouri	April 8	37	District of Columbia	April 17	(2/)
Montana	April 10	32			

X Not applicable.
1/ Rank is among the 50 states where 50 indicates the earliest Tax Freedom Day in the year 2013.
2/ The District of Columbia is ranked 16 as if it were a state but it does not affect other state ranks.
Source: Tax Foundation, "Tax Freedom Day 2013 is April 18, Five Days Later Than Last Year" (April 16, 2013) <http://taxfoundation.org/tax-topics/tax-freedom-day> accessed April 16, 2013.

Table 9.10-- TAX FREEDOM DAY FOR THE UNITED STATES AND HAWAII: 1984 TO 2013

[Tax Freedom Day is the day when the nation as a whole has earned enough money to pay off its total tax bill for the year. Leap Day is omitted. The Tax Freedom Day for the U.S. was revised in the 2012 the 2013 publication from 1992 onward and in the 2013 from 2010 onward but the revisions for the states have not yet been released. The Hawaii data and ranking are strictly comparable to the U.S. for only 2013]

Year	United States	Hawaii	Hawaii rank 1/
1984	April 17	April 13	31
1985	April 18	April 14	30
1986	April 19	April 16	23
1987	April 22	April 22	17
1988	April 21	April 25	7
1989	April 22	April 28	6
1990	April 21	April 28	5
1991	April 21	April 28	5
1992	April 19	April 25	6
1993	April 20	April 23	11
1994	April 22	April 24	12
1995	April 23	April 22	24
1996	April 25	April 24	20
1997	April 27	April 23	30
1998	April 29	April 24	34
1999	April 29	April 24	33
2000	May 1	April 27	28
2001	April 27	April 24	24
2002	April 17	April 17	18
2003	April 14	April 15	12
2004	April 15	April 14	20
2005	April 21	April 21	17
2006	April 24	April 23	19
2007	April 24	April 24	16
2008	April 18	April 21	15
2009	April 10	April 13	14
2010 2/	April 11	April 9	19
2011 2/	April 11	April 6	30
2012 2/	April 13	April 6	43
2013	April 18	April 14	24

1/ Rank is among the 50 states where 50 indicates the earliest Tax Freedom Day in each year. The District of Columbia is ranked as if it were a state but it does not affect other state ranks.

2/ Tax Freedom Day revised for the United States but comparable, revised data for Hawaii not available.

Source: Tax Foundation, "Tax Freedom Day by State, 1970-2009" <http://www.taxfoundation.org/taxdata/show/22328.html> accessed March 31, 2009; *Ibid.* Special Report No. 177, "April 9th Is Tax Freedom Day", table 2 (March 2010) <http://www.taxfoundation.org/files/sr177.pdf> accessed March 31, 2010; *Ibid.* Special Report No. 190, table 2 (March 2011) <http://www.taxfoundation.org/files/sr190.pdf> accessed March 30, 2011; Ibid. "Tax Freedom Day® Arrives on April 17", Tax Freedom Day By State (April 2, 2012) <http://taxfoundation.org/tax-topics/tax-freedom-day> accessed June 12, 2012; "Tax Freedom Day® 2013 is April 18, Five Days Later Than Last Year " (April 2, 2013) <http://taxfoundation.org/tax-topics/tax-freedom-day> accessed April 16, 2013; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 9.11-- STATE-LOCAL TAX BURDEN PER CAPITA FOR HAWAII AND THE UNITED STATES AVERAGE, SELECTED FISCAL YEARS: 1977 TO 2010

[In percent and number]

Year	Hawaii		U. S. average
	Rate (percent)	Rank 1/	Rate (percent)
1977	10.0	24	10.3
1980	9.8	14	9.4
1985	9.3	25	9.6
1990	9.7	22	9.7
1995	10.1	19	10.0
2000	9.5	19	9.3
2005	9.8	16	9.5
2006	10.2	12	9.6
2007	10.1	13	9.7
2008	10.0	16	9.8
2009	9.8	18	9.9
2010	10.1	14	9.9

1/ Rank of 1 indicates the highest tax burden among the 50 states.

Source: Tax Foundation, *Annual State-Local Tax Burden Ranking (2010)* "Table 3. State and Local Tax Burdens by State, Selected Fiscal Years: 1977 to 2010" (October 23, 2012) <http://www.taxfoundation.org/sites/taxfoundation.org/files/docs/BP65_2010_Burdens_Report.pdf> accessed October 23, 2012.

Table 9.12-- STATE-LOCAL TAX BURDEN PER CAPITA FOR HAWAII, EACH STATE, THE DISTRICT OF COLUMBIA AND THE UNITED STATES AVERAGE: 2010

[In percent, number, and dollars. The local portion of tax collections relies on projections of local tax revenue. Rank of 1 indicates the highest tax burden among the 50 states]

State	State-local tax burden	Rank	Total taxes paid (per capita)			Income (per capita)	Rank
			Total	To home state	To other states		
U.S. average	9.9	(X)	4,112	3,055	1,056	41,146	(X)
Alabama	8.2	43	2,740	1,850	890	33,499	44
Alaska	7.0	50	3,214	2,150	1,063	46,098	8
Arizona	8.4	40	3,006	2,068	938	35,726	36
Arkansas	10.0	15	3,285	2,410	875	32,768	47
California	11.2	4	4,934	3,953	981	43,919	13
Colorado	9.1	32	4,104	2,910	1,194	45,125	11
Connecticut	12.3	3	6,984	4,966	2,018	56,914	1
Delaware	9.2	31	3,728	2,137	1,590	40,516	20
Florida	9.3	27	3,728	2,621	1,107	40,053	21
Georgia	9.0	33	3,222	2,309	913	35,946	34
Hawaii	**10.1**	**14**	**4,396**	**3,367**	**1,029**	**43,509**	**15**
Idaho	9.4	25	3,101	2,118	983	33,082	45
Illinois	10.2	11	4,512	3,388	1,124	44,224	12
Indiana	9.6	23	3,294	2,428	866	34,348	42
Iowa	9.6	24	3,660	2,658	1,002	38,200	28
Kansas	9.7	22	3,802	2,638	1,164	39,389	26
Kentucky	9.4	26	3,027	2,216	811	32,356	48
Louisiana	7.8	47	2,851	1,900	951	36,776	32
Maine	10.3	9	3,807	2,860	947	37,101	31
Maryland	10.2	12	5,234	3,855	1,379	51,329	4
Massachusetts	10.4	8	5,422	3,987	1,435	51,991	3
Michigan	9.8	18	3,503	2,694	809	35,588	38
Minnesota	10.8	7	4,727	3,640	1,087	43,790	14
Mississippi	8.7	37	2,625	1,838	787	30,211	50
Missouri	9.0	34	3,328	2,310	1,018	37,179	30
Montana	8.6	38	3,089	2,005	1,084	35,871	35
Nebraska	9.7	21	3,853	2,769	1,085	39,742	24
Nevada	8.2	42	3,297	2,089	1,207	40,023	22
New Hampshire	8.1	44	3,717	2,210	1,507	45,864	9
New Jersey	12.4	2	6,689	4,853	1,836	53,869	2
New Mexico	8.4	39	2,906	2,022	884	34,414	41
New York	12.8	1	6,375	5,151	1,224	49,935	5
North Carolina	9.9	17	3,535	2,648	887	35,659	37
North Dakota	8.9	35	3,733	2,540	1,193	41,910	17

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Table 9.12-- STATE-LOCAL TAX BURDEN PER CAPITA FOR HAWAII, EACH STATE, THE DISTRICT OF COLUMBIA AND THE UNITED STATES AVERAGE: 2010-- Con.

State	State-local tax burden	Rank	Total taxes paid (per capita)			Income (per capita)	Rank
			Total	To home state	To other states		
Ohio	9.7	20	3,563	2,720	843	36,694	33
Oklahoma	8.7	36	3,060	2,125	935	35,050	40
Oregon	10.0	16	3,729	2,755	974	37,432	29
Pennsylvania	10.2	10	4,183	3,118	1,065	40,861	19
Rhode Island	10.9	6	4,627	3,318	1,309	42,628	16
South Carolina	8.4	41	2,760	1,909	851	32,962	46
South Dakota	7.6	49	3,035	1,857	1,178	40,018	23
Tennessee	7.7	48	2,707	1,844	863	35,078	39
Texas	7.9	45	3,104	2,221	882	39,142	27
Utah	9.3	29	3,181	2,226	955	34,260	43
Vermont	10.1	13	4,154	2,906	1,248	41,081	18
Virginia	9.3	30	4,336	3,132	1,205	46,872	7
Washington	9.3	28	4,261	3,088	1,173	45,854	10
West Virginia	9.7	19	3,029	2,222	806	31,182	49
Wisconsin	11.1	5	4,379	3,414	965	39,536	25
Wyoming	7.8	46	3,721	2,075	1,647	47,900	6
Dist. of Columbia	9.3	(1/)	5,991	3,966	2,025	64,756	(1/)

X Not applicable

1/ The District of Columbia is not included in the ranking but would would rank 31 if it were.

Source: Tax Foundation, *Annual State-Local Tax Burden Ranking (2010)* "Table 2. State and Local Tax Burdens by State, Fiscal Year 2010" (October 23, 2012) <http://www.taxfoundation.org/sites/taxfoundation.org/files/docs/BP65_2010_Burdens_Report.pdf> accessed October 23, 2012.

Table 9.13-- STATE BUSINESS TAX CLIMATE INDEX RANK, OVERALL AND BY COMPONENT: 2013

[A rank of 1 is more favorable for business than a rank of 50. Rankings do not average to total. States without a given tax rank equally as number 1 and states with identical scores rank equally. Report shows tax systems as of July 1, 2012, the beginning of Fiscal Year 2013]

State	Overall rank	Tax index rank				
		Corporate	Individual Income	Sales	Unemploy-ment Insurance	Property
Alabama	21	17	18	37	13	8
Alaska	4	27	1	5	28	13
Arizona	25	24	17	50	1	5
Arkansas	33	37	28	41	19	19
California	48	45	49	40	16	17
Colorado	18	20	16	44	39	9
Connecticut	40	35	31	30	31	50
Delaware	14	50	29	2	3	14
Florida	5	13	1	18	10	25
Georgia	34	9	40	13	25	30
Hawaii	**37**	**4**	**41**	**31**	**30**	**15**
Idaho	20	19	23	23	47	2
Illinois	29	47	13	34	43	44
Indiana	11	28	10	11	11	11
Iowa	42	49	33	24	34	37
Kansas	26	36	21	32	9	28
Kentucky	24	26	26	9	48	18
Louisiana	32	18	25	49	4	23
Maine	30	41	27	10	32	39
Maryland	41	15	45	8	46	40
Massachusetts	22	33	15	17	49	47
Michigan	12	7	11	7	44	31
Minnesota	45	44	44	35	40	26
Mississippi	17	11	19	28	7	29
Missouri	16	8	24	27	6	6
Montana	8	16	20	3	21	7
Nebraska	31	34	30	26	8	38
Nevada	3	1	1	42	41	16
New Hampshire	7	48	9	1	42	43
New Jersey	49	40	48	46	24	49
New Mexico	38	39	34	45	15	1
New York	50	23	50	38	45	45

Continued on next page.

Table 9.13-- STATE BUSINESS TAX CLIMATE INDEX RANK, OVERALL AND BY COMPONENT: 2013 -- Con.

State	Overall rank	Tax index rank				
		Corporate	Individual Income	Sales	Unemploy-ment Insurance	Property
North Carolina	44	29	43	47	5	36
North Dakota	28	21	35	16	17	4
Ohio	39	22	42	29	12	34
Oklahoma	35	12	36	39	2	12
Oregon	13	31	32	4	37	10
Pennsylvania	19	46	12	20	36	42
Rhode Island	46	42	37	25	50	46
South Carolina	36	10	39	21	33	21
South Dakota	2	1	1	33	35	20
Tennessee	15	14	8	43	26	41
Texas	9	38	7	36	14	32
Utah	10	5	14	22	20	3
Vermont	47	43	47	14	22	48
Virginia	27	6	38	6	38	27
Washington	6	30	1	48	18	22
West Virginia	23	25	22	19	27	24
Wisconsin	43	32	46	15	23	33
Wyoming	1	1	1	12	29	35

Source: Tax Foundation, Background Paper No. 64, *2013 State Business Tax Climate Index* (October 2012) table 1 <http://taxfoundation.org/tax-topics/state-business-tax-climate-index> accessed October 9, 2012.

Table 9.14-- STATE BUSINESS TAX CLIMATE SCORE AND INDEX: 2011 TO 2013

[For fiscal year ending June 30. 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. 2011 and 2012 data are revised]

Location	2011		2012		2013	
	Index rank	Total score	Index rank	Total score	Index rank	Total score
United States	(X)	5.00	(X)	5.00	(X)	5.00
Alabama	21	5.28	20	5.24	21	5.26
Alaska	3	7.44	4	7.37	4	7.34
Arizona	26	5.14	27	5.11	25	5.13
Arkansas	32	4.94	31	4.94	33	4.90
California	49	3.58	48	3.68	48	3.67
Colorado	17	5.51	16	5.41	18	5.37
Connecticut	40	4.47	40	4.53	40	4.47
Delaware	12	5.76	12	5.75	14	5.74
District of Columbia	41	4.43	41	4.48	44	4.25
Florida	5	6.84	5	6.90	5	6.88
Georgia	35	4.83	34	4.92	34	4.86
Hawaii	34	4.85	35	4.83	37	4.80
Idaho	22	5.21	21	5.23	20	5.28
Illinois	16	5.52	28	5.05	29	5.03
Indiana	11	5.99	11	5.95	11	5.95
Iowa	42	4.38	41	4.48	42	4.47
Kansas	25	5.14	25	5.13	26	5.10
Kentucky	24	5.17	22	5.20	24	5.15
Louisiana	31	4.94	32	4.93	32	4.91
Maine	38	4.70	37	4.78	30	5.01
Maryland	43	4.22	42	4.43	41	4.47
Massachusetts	28	5.12	23	5.17	22	5.17
Michigan	19	5.37	18	5.37	12	5.86
Minnesota	44	4.19	45	4.20	45	4.18
Mississippi	18	5.39	17	5.39	17	5.37
Missouri	14	5.64	15	5.48	16	5.46
Montana	7	6.30	8	6.25	8	6.22
Nebraska	30	4.99	30	4.95	31	4.96
Nevada	4	7.42	3	7.45	3	7.45
New Hampshire	6	6.35	7	6.31	7	6.25
New Jersey	50	3.44	50	3.43	49	3.40
New Mexico	37	4.76	38	4.72	38	4.71
New York	48	3.59	49	3.57	50	3.40
North Carolina	46	4.08	44	4.22	44	4.21
North Dakota	33	4.87	29	4.98	28	5.03

Continued on next page.

Table 9.14-- STATE BUSINESS TAX CLIMATE SCORE AND INDEX: 2011 TO 2013-- Con.

Location	2011		2012		2013	
	Index rank	Total score	Index rank	Total score	Index rank	Total score
Ohio	39	4.54	39	4.57	39	4.55
Oklahoma	29	5.05	33	4.92	35	4.85
Oregon	15	5.61	14	5.62	13	5.75
Pennsylvania	20	5.33	19	5.32	19	5.33
Rhode Island	47	3.88	46	4.18	46	4.12
South Carolina	36	4.77	36	4.82	36	4.81
South Dakota	2	7.57	2	7.54	2	7.56
Tennessee	13	5.72	13	5.69	15	5.67
Texas	9	6.12	9	6.09	9	6.09
Utah	10	6.09	10	6.05	10	6.04
Vermont	45	4.17	47	4.10	47	4.08
Virginia	23	5.20	26	5.12	27	5.09
Washington	8	6.20	6	6.36	6	6.38
West Virginia	27	5.14	24	5.16	23	5.16
Wisconsin	41	4.40	43	4.39	43	4.37
Wyoming	1	7.63	1	7.67	1	7.66

X Not applicable.

Source: Tax Foundation, Background Paper No. 64, *2013 State Business Tax Climate Index* (October 2012) table 2 <http://taxfoundation.org/tax-topics/state-business-tax-climate-index> accessed October 9, 2012.

Table 9.15-- 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 condominum 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 9.16-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES, BY LEVEL OF GOVERNMENT: 2008

[In thousands of dollars. For fiscal year ending June 30. Detail may not sum to subtotals due to rounding and categories not shown separately. Revised from previous *Data Book*]

Category	State & local 1/	State	Local 1/
Revenue 1/	11,968,775	9,298,617	2,909,935
General revenue 1/	11,699,550	9,301,983	2,637,344
Intergovernmental revenue 1/	2,289,845	2,092,852	436,770
General revenue from own sources	9,409,705	7,209,131	2,200,574
Taxes	6,754,321	5,147,569	1,606,752
Property	1,280,280	-	1,280,280
Sales and gross receipts	3,470,130	3,302,179	167,951
Individual income	1,544,835	1,544,835	-
Corporate income	105,294	105,294	-
Motor vehicle license	228,444	111,262	117,182
Other taxes	125,338	83,999	41,339
Charges & misc. general revenue	2,655,384	2,061,562	593,822
Current charges 2/	1,679,262	1,242,888	436,374
Education	316,453	316,453	-
Hospitals	446,284	446,284	-
Air transportation (airports)	260,346	260,346	-
Sewerage	240,706	-	240,706
Miscellaneous general revenue	976,122	818,674	157,448
Utility revenue	272,591	-	272,591
Insurance trust revenue	-3,366	-3,366	-
Expenditure 1/	13,424,635	10,702,719	2,859,363
Intergovernmental expenditure 1/	324	137,771	-
Direct expenditure by function	13,424,311	10,564,948	2,859,363
Direct general expenditure	11,891,466	9,598,086	2,293,380
Other direct general expenditure	10,682,021	8,779,027	1,902,994
Capital outlay	1,209,445	819,059	390,386
Education services 3/	3,544,704	3,544,229	475
Education	3,511,814	3,511,360	454
Libraries	32,890	32,869	21
Social services & income maintenance 3/	2,998,186	2,873,244	124,942
Public welfare	1,663,688	1,602,051	61,637
Hospitals	572,458	572,458	-
Health	732,910	669,605	63,305
Social insurance administration	25,270	25,270	-
Veterans' services	3,860	3,860	(X)
Transportation 3/	971,716	765,166	206,550
Highways	614,154	407,711	206,443
Air transportation (airports)	294,795	294,795	-

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Table 9.16-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES, BY LEVEL OF GOVERNMENT: 2008 -- Con.

Category	State & local 1/	State	Local 1/
Public safety 3/	770,166	274,638	495,528
Police protection	336,516	12,145	324,371
Fire protection	161,972	-	161,972
Correction	219,069	219,069	-
Protective inspection and regulation	52,609	43,424	9,185
Environment and housing 3/	1,084,095	338,042	746,053
Natural resources	120,905	112,893	8,012
Parks and recreation	256,352	78,195	178,157
Housing and community development	201,545	128,730	72,815
Sewerage	273,620	18,208	255,412
Solid waste management	231,673	16	231,657
Governmental administration 3/	749,810	480,543	269,267
Interest on general debt	592,481	441,026	151,455
General expend., not elsewhere classified	1,180,308	881,198	299,110
Utility expenditure 3/	566,907	924	565,983
Water supply	330,184	924	329,260
Transit	236,723	-	236,723
Insurance trust expenditure	965,938	965,938	-
Debt outstanding	10,733,637	6,296,492	4,437,145
Short-term	77,700	-	77,700
Long-term	10,655,937	6,296,492	4,359,445
Public debt for private purposes	453,102	453,102	-
Addendum: Long-term debt issued	1,197,285	579,496	617,789
Addendum: Long-term debt retired	811,169	525,378	285,791
Cash and security holdings	19,585,222	17,234,080	2,351,142
Insurance trust funds	11,919,536	11,919,536	-
Unemployment compensation	528,636	528,636	-
Employee retirement	11,375,320	11,375,320	-
Other than insurance trust funds	7,665,686	5,314,544	2,351,142

X Not applicable.

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: 2007-08" (September 20, 2012) <http://www2.census.gov/govs/estimate/08slsstab1a.xls> accessed July 18, 2013.

Table 9.17-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES, BY LEVEL OF GOVERNMENT: 2009

[In thousands of dollars. For fiscal year ending June 30. Detail may not sum to subtotals due to rounding and categories not shown separately. Revised from previous *Data Book*]

Category	State & local 1/	State	Local 1/
Revenue 1/	9,905,510	7,091,312	3,090,028
General revenue 1/	11,690,635	9,163,828	2,802,637
Intergovernmental revenue 1/	2,469,688	2,225,268	520,250
General revenue from own sources	9,220,947	6,938,560	2,282,387
Taxes	6,407,577	4,712,651	1,694,926
Property	1,333,583	-	1,333,583
Sales and gross receipts	3,334,649	3,125,035	209,614
Individual income	1,338,702	1,338,702	-
Corporate income	78,597	78,597	-
Motor vehicle license	217,324	100,413	116,911
Other taxes	104,722	69,904	34,818
Charges & misc. general revenue	2,813,370	2,225,909	587,461
Current charges 2/	1,878,119	1,389,168	488,951
Education	350,785	350,785	-
Hospitals	479,930	479,930	-
Air transportation (airports)	279,280	279,280	-
Sewerage	299,272	-	299,272
Miscellaneous general revenue	935,251	836,741	98,510
Utility revenue	287,391	-	287,391
Insurance trust revenue	-2,072,516	-2,072,516	-
Expenditure 1/	14,266,497	11,244,913	3,180,686
Intergovernmental expenditure 1/	350	159,452	-
Direct expenditure by function	14,266,147	11,085,461	3,180,686
Direct general expenditure	12,595,563	9,936,935	2,658,628
Other direct general expenditure	11,101,169	9,072,440	2,028,729
Capital outlay	1,494,394	864,495	629,899
Education services 3/	3,591,016	3,590,557	459
Education	3,557,276	3,556,817	459
Libraries	33,740	33,740	-
Social services & income maintenance 3/	3,150,443	2,992,981	157,462
Public welfare	1,818,287	1,731,234	87,053
Hospitals	601,205	601,205	-
Health	706,011	635,602	70,409
Social insurance administration	21,996	21,996	-
Veterans' services	2,944	2,944	-
Transportation 3/	1,071,282	843,543	227,739
Highways	683,710	455,985	227,725
Air transportation (airports)	337,329	337,329	-

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Table 9.17-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES, BY LEVEL OF GOVERNMENT: 2009 -- Con.

Category	State & local 1/	State	Local 1/
Public safety 3/	830,048	305,675	524,373
Police protection	368,857	26,432	342,425
Fire protection	172,866	-	172,866
Correction	230,656	230,656	-
Protective inspection and regulation	57,669	48,587	9,082
Environment and housing 3/	1,285,250	346,077	939,173
Natural resources	127,390	117,376	10,014
Parks and recreation	285,708	84,407	201,301
Housing and community development	234,039	140,611	93,428
Sewerage	350,100	3,683	346,417
Solid waste management	288,013	-	288,013
Governmental administration	755,138	499,670	255,468
Interest on general debt	620,082	432,964	187,118
General expend., not elsewhere classified	1,292,304	925,468	366,836
Utility expenditure 3/	523,925	1,867	522,058
Water supply	254,612	1,867	252,745
Transit	269,313	-	269,313
Insurance trust expenditure	1,146,659	1,146,659	-
Debt outstanding	11,494,952	6,880,242	4,614,710
Short-term	-	-	-
Long-term	11,494,952	6,880,242	4,614,710
Public debt for private purposes	459,943	459,943	-
Long-term debt issued	1,921,064	1,257,784	663,280
Long-term debt retired	1,089,580	690,454	399,126
Cash and security holdings	15,499,816	13,167,619	2,332,197
Insurance trust funds	8,391,945	8,391,945	-
Unemployment compensation	281,242	281,242	-
Employee retirement	8,094,500	8,094,500	-
Workers' compensation	16,203	16,203	(X)
Other than insurance trust funds	7,107,871	4,775,674	2,332,197
Offsets to debt	1,110,646	1,043,912	66,734
Bond funds	1,122,472	548,435	574,037
Other	4,874,753	3,183,327	1,691,426

X Not applicable.

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: 2008-09" (tabulated September 17, 2012) <http://www2.census.gov/govs/estimate/09slsstab1a.xls> accessed July 18, 2013.

Table 9.18-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES, BY LEVEL OF GOVERNMENT: 2010

[In thousands of dollars. For fiscal year ending June 30. Detail may not sum to subtotals due to rounding and categories not shown separately. Census Bureau revised on April 25, 2013 but Hawaii data not affected]

Category	State & local 1/	State	Local 1/
Revenue 1/	14,675,202	11,764,762	3,139,191
General revenue 1/	12,230,275	9,627,041	2,831,985
Intergovernmental revenue 1/	2,826,697	2,592,047	463,401
General revenue from own sources	9,403,578	7,034,994	2,368,584
Taxes	6,599,420	4,837,862	1,761,558
Property	1,393,152	-	1,393,152
Sales and gross receipts	3,243,376	3,044,380	198,996
Individual income	1,527,790	1,527,790	-
Corporate income	79,853	79,853	-
Motor vehicle license	226,882	100,575	126,307
Other taxes	128,367	85,264	43,103
Charges & misc. general revenue	2,804,158	2,197,132	607,026
Current charges 2/	1,940,735	1,414,129	526,606
Education	361,260	361,260	-
Hospitals	511,322	511,322	-
Air transportation (airports)	321,461	321,461	-
Sewerage	354,606	-	354,606
Miscellaneous general revenue	863,423	783,003	80,420
Utility revenue	307,206	-	307,206
Insurance trust revenue	2,137,721	2,137,721	-
Expenditure 1/	14,360,424	11,286,331	3,230,639
Intergovernmental expenditure 1/	335	156,881	-
Direct expenditure by function	14,360,089	11,129,450	3,230,639
Direct general expenditure	12,221,746	9,586,089	2,635,657
Other direct general expenditure	10,683,445	8,698,004	1,985,441
Capital outlay	1,538,301	888,085	650,216
Education services 3/	3,292,270	3,291,801	469
Education	3,254,786	3,254,387	399
Libraries	37,484	37,414	70
Social services & income maintenance 3/	3,281,200	3,150,420	130,780
Public welfare	2,033,570	1,960,207	73,363
Hospitals	640,331	640,331	-
Health	597,694	540,277	57,417
Social insurance administration	5,693	5,693	-
Veterans' services	3,912	3,912	-
Transportation 3/	1,117,328	837,129	280,199
Highways	749,121	468,922	280,199
Air transportation (airports)	320,090	320,090	-

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Table 9.18-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES, BY LEVEL OF GOVERNMENT: 2010 -- Con.

Category	State & local 1/	State	Local 1/
Public safety 3/	824,878	284,694	540,184
Police protection	385,148	32,257	352,891
Fire protection	180,078	-	180,078
Correction	206,695	206,695	-
Protective inspection and regulation	52,957	45,742	7,215
Environment and housing 3/	1,260,770	303,010	957,760
Natural resources	108,317	103,132	5,185
Parks and recreation	272,600	91,156	181,444
Housing and community development	211,380	108,496	102,884
Sewerage	359,719	226	359,493
Solid waste management	308,754	-	308,754
Governmental administration	669,839	409,190	260,649
Interest on general debt	485,390	308,715	176,675
General expend., not elsewhere classified	1,290,071	1,001,130	288,941
Utility expenditure 3/	598,145	3,163	594,982
Water supply	264,831	3,163	261,668
Transit	333,314	-	333,314
Insurance trust expenditure	1,540,198	1,540,198	-
Debt outstanding	12,634,409	7,700,654	4,933,755
Short-term	19,000	-	19,000
Long-term	12,615,409	7,700,654	4,914,755
Public debt for private purposes	515,418	515,418	-
Long-term debt issued	2,532,097	1,813,893	718,204
Long-term debt retired	1,420,767	993,481	427,286
Cash and security holdings	16,685,986	14,385,388	2,300,598
Insurance trust funds	9,551,431	9,551,431	-
Unemployment compensation	33,424	33,424	-
Employee retirement	9,501,156	9,501,156	-
Workers' compensation	16,851	16,851	(X)
Other than insurance trust funds	7,134,555	4,833,957	2,300,598
Offsets to debt	1,592,401	1,517,079	75,322
Bond funds	1,104,048	467,923	636,125
Other	4,438,106	2,848,955	1,589,151

X Not applicable.

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: 2009-10" (September 20, 2012) <http://www2.census.gov/govs/estimate/10slsstab1a.xls> accessed July 23, 2013.

Table 9.19-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES, BY LEVEL OF GOVERNMENT: 2011

[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/	15,958,833	12,931,811	3,271,098
General revenue 1/	12,912,675	10,203,676	2,953,075
Intergovernmental revenue 1/	3,180,863	2,918,445	506,494
General revenue from own sources	9,731,812	7,285,231	2,446,581
Taxes	6,572,749	4,857,729	1,715,020
Property	1,324,771	(X)	1,324,771
Sales and gross receipts	3,532,256	3,335,562	196,694
Individual income	1,247,291	1,247,291	(X)
Corporate income	67,859	67,859	(X)
Motor vehicle license	261,843	104,923	156,920
Other taxes	138,729	102,094	36,635
Charges & misc. general revenue	3,159,063	2,427,502	731,561
Current charges 2/	2,173,628	1,599,757	573,871
Education	497,510	497,510	(X)
Hospitals	526,807	526,807	(X)
Air transportation (airports)	337,653	337,653	(X)
Sewerage	395,171	(X)	395,171
Miscellaneous general revenue	985,435	827,745	157,690
Utility revenue	318,023	(X)	318,023
Insurance trust revenue	2,728,135	2,728,135	(X)
Expenditure 1/	14,389,261	11,475,771	3,121,124
Intergovernmental expenditure 1/	354	207,988	(X)
Direct expenditure by function	14,388,907	11,267,783	3,121,124
Direct general expenditure	12,205,684	9,755,259	2,450,425
Other direct general expenditure	10,794,109	8,894,656	1,899,453
Capital outlay	1,411,575	860,603	550,972
Education services 3/	3,381,097	3,380,830	267
Education	3,345,400	3,345,134	266
Libraries	35,697	35,696	1
Social services & income maintenance 3/	3,468,022	3,348,881	119,141
Public welfare	2,147,032	2,086,398	60,634
Hospitals	666,716	666,713	3
Health	641,107	582,603	58,504
Employment security administration	11,146	11,146	(X)
Veterans' services	2,021	2,021	(X)
Transportation 3/	892,902	685,642	207,260
Highways	564,647	357,387	207,260
Air transportation (airports)	275,894	275,894	(X)

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Table 9.19-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES, BY LEVEL OF GOVERNMENT: 2011 -- Con.

Category	State & local 1/	State	Local 1/
Public safety 3/	792,734	252,424	540,310
Police protection	386,140	31,479	354,661
Fire protection	182,011	(X)	182,011
Correction	191,030	191,030	(X)
Protective inspection and regulation	33,553	29,915	3,638
Environment and housing 3/	1,248,924	343,585	905,339
Natural resources	101,252	96,144	5,108
Parks and recreation	273,717	109,316	164,401
Housing and community development	231,268	137,916	93,352
Sewerage	329,045	209	328,836
Solid waste management	313,642	(X)	313,642
Governmental administration	649,397	410,269	239,128
Interest on general debt	544,507	361,208	183,299
General expend., not elsewhere classified	1,228,101	972,420	255,681
Utility expenditure 3/	675,850	5,151	670,699
Water supply	285,672	5,151	280,521
Transit	390,178	(X)	390,178
Insurance trust expenditure	1,507,373	1,507,373	(X)
Debt outstanding	13,377,007	7,912,833	5,464,174
Short-term	10,000	(X)	10,000
Long-term	13,367,007	7,912,833	5,454,174
Public debt for private purposes	504,683	504,683	(X)
Long-term debt issued	1,411,408	575,035	836,373
Long-term debt retired	697,052	361,738	335,314
Cash and security holdings	18,435,517	15,603,693	2,831,824
Insurance trust funds	10,868,451	10,868,451	(X)
Unemployment compensation	-12,769	-12,769	(X)
Employee retirement	10,863,695	10,863,695	(X)
Workers' compensation	17,525	17,525	(X)
Other than insurance trust funds	7,567,066	4,735,242	2,831,824
Offsets to debt	960,967	885,671	75,296
Bond funds	749,117	118,102	631,015
Other	5,856,982	3,731,469	2,125,513

X Not applicable.

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: 2010-11" (September 20, 2012) <http://www2.census.gov/govs/local/11slsstab1a.xls> accessed July 23, 2013.

Table 9.20-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES, TOTAL AND PER CAPITA: 2008

Amount in thousands of dollars, per capita in dollars. For fiscal year ending June 30. Detail may not sum to subtotals due to rounding and categories not shown separately. Revised from previous *Data Book*]

Category	Total 1/	Percent distribution	Per capita 2/
Revenue 1/	11,968,775	100.00	8,984.13
General revenue 1/	11,699,550	97.75	8,782.04
Intergovernmental revenue 1/	2,289,845	19.13	1,718.83
General revenue from own sources	9,409,705	78.62	7,063.21
Taxes	6,754,321	56.43	5,070.00
Property	1,280,280	10.70	961.02
Sales and gross receipts	3,470,130	28.99	2,604.79
Individual income	1,544,835	12.91	1,159.60
Corporate income	105,294	0.88	79.04
Motor vehicle license	228,444	1.91	171.48
Other taxes	125,338	1.05	94.08
Charges & misc. general revenue	2,655,384	22.19	1,993.21
Current charges 3/	1,679,262	14.03	1,260.51
Education	316,453	2.64	237.54
Hospitals	446,284	3.73	334.99
Air transportation (airports)	260,346	2.18	195.42
Sewerage	240,706	2.01	180.68
Miscellaneous general revenue	976,122	8.16	732.71
Utility revenue	272,591	2.28	204.62
Insurance trust revenue	-3,366	-0.03	-2.53
Expenditure 1/	13,424,635	100.00	10,076.94
Intergovernmental expenditure 1/	324	0.00	0.24
Direct expenditure by function	13,424,311	100.00	10,076.70
Direct general expenditure	11,891,466	88.58	8,926.10
Other direct general expenditure	10,682,021	79.57	8,018.25
Capital outlay	1,209,445	9.01	907.85
Education services 4/	3,544,704	26.40	2,660.76
Education	3,511,814	26.16	2,636.08
Libraries	32,890	0.24	24.69
Social services & income maintenance 4/	2,998,186	22.33	2,250.53
Public welfare	1,663,688	12.39	1,248.82
Hospitals	572,458	4.26	429.70
Health	732,910	5.46	550.14
Social insurance administration	25,270	0.19	18.97
Veterans' services	3,860	0.03	2.90
Transportation 4/	971,716	7.24	729.40
Highways	614,154	4.57	461.00
Air transportation (airports)	294,795	2.20	221.28

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Table 9.20-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES, TOTAL AND PER CAPITA: 2008 -- Con.

Category	Total 1/	Percent distribution	Per capita 2/
Public safety 4/	770,166	5.74	578.11
Police protection	336,516	2.51	252.60
Fire protection	161,972	1.21	121.58
Correction	219,069	1.63	164.44
Protective inspection and regulation	52,609	0.39	39.49
Environment and housing 4/	1,084,095	8.08	813.76
Natural resources	120,905	0.90	90.76
Parks and recreation	256,352	1.91	192.43
Housing and community development	201,545	1.50	151.29
Sewerage	273,620	2.04	205.39
Solid waste management	231,673	1.73	173.90
Governmental administration	749,810	5.59	562.83
Interest on general debt	592,481	4.41	444.73
General expend., not elsewhere classified 4/	1,180,308	8.79	885.98
Utility expenditure 4/	566,907	4.22	425.54
Water supply	330,184	2.46	247.85
Transit	236,723	1.76	177.69
Insurance trust expenditure	965,938	7.20	725.06
Debt outstanding	10,733,637	100.00	8,057.00
Short-term	77,700	0.72	58.32
Long-term	10,655,937	99.28	7,998.67
Public debt for private purposes	453,102	4.22	340.11
Long-term debt issued	1,197,285	11.15	898.72
Long-term debt retired	811,169	7.56	608.89
Cash and security holdings	19,585,222	100.00	14,701.27
Insurance trust funds	11,919,536	60.86	8,947.17
Unemployment compensation	528,636	2.70	396.81
Employee retirement	11,375,320	58.08	8,538.66
Other than insurance trust funds	7,665,686	39.14	5,754.10

1/ Duplicative intergovernmental transactions are excluded.

2/ Based on July 1, 2008 population for Hawaii of 1,332,213. As released September 2011 by the U.S. Census Bureau, Population Division, "Table 1. Intercensal Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2010 (ST-EST00INT-01). The Census Bureau released revised population estimates in October 2012 but Hawaii data not affected.

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: 2007-08" (September 20, 2012) <http://www2.census.gov/govs/estimate/08slsstab1a.xls> accessed July 18, 2013; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 9.21-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES, TOTAL AND PER CAPITA: 2009

[In thousands of dollars, per capita in dollars. For fiscal year ending June 30. Detail may not sum to subtotals due to rounding and categories not shown separately. Revised from previous *Data Book*]

Category	Total 1/	Percent distribution	Per capita 2/
Revenue 1/	9,905,510	100.0	7,355.30
General revenue 1/	11,690,635	118.0	8,680.84
Intergovernmental revenue 1/	2,469,688	24.9	1,833.86
General revenue from own sources	9,220,947	93.1	6,846.98
Taxes	6,407,577	64.7	4,757.92
Property	1,333,583	13.5	990.25
Sales and gross receipts	3,334,649	33.7	2,476.13
Individual income	1,338,702	13.5	994.05
Corporate income	78,597	0.8	58.36
Motor vehicle license	217,324	2.2	161.37
Other taxes	104,722	1.1	77.76
Charges & misc. general revenue	2,813,370	28.4	2,089.06
Current charges 3/	1,878,119	19.0	1,394.59
Education	350,785	3.5	260.47
Hospitals	479,930	4.8	356.37
Air transportation (airports)	279,280	2.8	207.38
Sewerage	299,272	3.0	222.22
Miscellaneous general revenue	935,251	9.4	694.47
Utility revenue	287,391	2.9	213.40
Insurance trust revenue	-2,072,516	-20.9	-1,538.94
Expenditure 1/	14,266,497	100.0	10,593.54
Intergovernmental expenditure 1/	350	0.0	0.26
Direct expenditure by function	14,266,147	100.0	10,593.28
Direct general expenditure	12,595,563	88.3	9,352.79
Other direct general expenditure	11,101,169	77.8	8,243.13
Capital outlay	1,494,394	10.5	1,109.66
Education services 4/	3,591,016	25.2	2,666.50
Education	3,557,276	24.9	2,641.44
Libraries	33,740	0.2	25.05
Social services & income maintenance 4/	3,150,443	22.1	2,339.35
Public welfare	1,818,287	12.7	1,350.16
Hospitals	601,205	4.2	446.42
Health	706,011	4.9	524.25
Social insurance administration	21,996	0.2	16.33
Veterans' services	2,944	0.0	2.19
Transportation 4/	1,071,282	7.5	795.48
Highways	683,710	4.8	507.69
Air transportation (airports)	337,329	2.4	250.48

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Table 9.21-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES, TOTAL AND PER CAPITA: 2009 -- Con.

Category	Total 1/	Percent distribution	Per capita 2/
Public safety 4/	830,048	5.8	616.35
Police protection	368,857	2.6	273.89
Fire protection	172,866	1.2	128.36
Correction	230,656	1.6	171.27
Protective inspection and regulation	57,669	0.4	42.82
Environment and housing 4/	1,285,250	9.0	954.36
Natural resources	127,390	0.9	94.59
Parks and recreation	285,708	2.0	212.15
Housing and community development	234,039	1.6	173.78
Sewerage	350,100	2.5	259.97
Solid waste management	288,013	2.0	213.86
Governmental administration	755,138	5.3	560.73
Interest on general debt	620,082	4.3	460.44
General expend., not elsewhere classified 3	1,292,304	9.1	959.60
Utility expenditure 4/	523,925	3.7	389.04
Water supply	254,612	1.8	189.06
Transit	269,313	1.9	199.98
Insurance trust expenditure	1,146,659	8.0	851.45
Debt outstanding	11,494,952	100.0	8,535.54
Short-term	-	0.0	-
Long-term	11,494,952	100.0	8,535.54
Public debt for private purposes	459,943	4.0	341.53
Long-term debt issued	1,921,064	16.7	1,426.48
Long-term debt retired	1,089,580	9.5	809.06
Cash and security holdings	15,499,816	100.0	11,509.33
Insurance trust funds	8,391,945	54.1	6,231.41
Unemployment compensation	281,242	1.8	208.84
Employee retirement	8,094,500	52.2	6,010.54
Workers' compensation	16,203	0.1	12.03
Other than insurance trust funds	7,107,871	45.9	5,277.92

1/ Duplicative intergovernmental transactions are excluded.

2/ Based on July 1, 2009 population for Hawaii of 1,346,717. As released September 28, 2011 by the U.S. Census Bureau, Population Division, "Table 1. Intercensal Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2010 (ST-EST00INT-01) <http://www.census.gov/popest/data/intercensal/state/tables/ST-EST00INT-01.xls>.
The Census Bureau released revised population estimates in October 2012 but Hawaii data not affected.

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: 2008-09" (September 20, 2012) <http://www2.census.gov/govs/estimate/09slsstab1a.xls> accessed July 22, 2013.

Table 9.22-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES, TOTAL AND PER CAPITA: 2010

[In thousands of dollars, dollars and percent. For fiscal year ending June 30. Detail may not sum to subtotals due to rounding and categories not shown separately. Census Bureau revised on April 25, 2013 but Hawaii data not affected]

Category	Total 1/	Percent distribution	Per capita 2/
Revenue 1/	14,675,202	100.0	10,756.78
General revenue 1/	12,230,275	83.3	8,964.68
Intergovernmental revenue 1/	2,826,697	19.3	2,071.94
General revenue from own sources	9,403,578	64.1	6,892.73
Taxes	6,599,420	45.0	4,837.31
Property	1,393,152	9.5	1,021.17
Sales and gross receipts	3,243,376	22.1	2,377.36
Individual income	1,527,790	10.4	1,119.86
Corporate income	79,853	0.5	58.53
Motor vehicle license	226,882	1.5	166.30
Other taxes	128,367	0.9	94.09
Charges & misc. general revenue	2,804,158	19.1	2,055.42
Current charges 3/	1,940,735	13.2	1,422.54
Education	361,260	2.5	264.80
Hospitals	511,322	3.5	374.79
Air transportation (airports)	321,461	2.2	235.63
Sewerage	354,606	2.4	259.92
Miscellaneous general revenue	863,423	5.9	632.88
Utility revenue	307,206	2.1	225.18
Insurance trust revenue	2,137,721	14.6	1,566.93
Expenditure 1/	14,360,424	100.0	10,526.06
Intergovernmental expenditure 1/	335	0.0	0.25
Direct expenditure by function	14,360,089	100.0	10,525.81
Direct general expenditure	12,221,746	85.1	8,958.42
Other direct general expenditure	10,683,445	74.4	7,830.86
Capital outlay	1,538,301	10.7	1,127.56
Education services 4/	3,292,270	22.9	2,413.20
Education	3,254,786	22.7	2,385.73
Libraries	37,484	0.3	27.48
Social services & income maintenance 4/	3,281,200	22.8	2,405.09
Public welfare	2,033,570	14.2	1,490.59
Hospitals	640,331	4.5	469.36
Health	597,694	4.2	438.10
Social insurance administration	5,693	0.0	4.17
Veterans' services	3,912	0.0	2.87
Transportation 4/	1,117,328	7.8	818.99
Highways	749,121	5.2	549.10
Air transportation (airports)	320,090	2.2	234.62

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Table 9.22-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES, TOTAL AND PER CAPITA: 2010 -- Con.

Category	Total 1/	Percent distribution	Per capita 2/
Public safety 4/	824,878	5.7	604.63
Police protection	385,148	2.7	282.31
Fire protection	180,078	1.3	132.00
Correction	206,695	1.4	151.51
Protective inspection and regulation	52,957	0.4	38.82
Environment and housing 4/	1,260,770	8.8	924.13
Natural resources	108,317	0.8	79.40
Parks and recreation	272,600	1.9	199.81
Housing and community development	211,380	1.5	154.94
Sewerage	359,719	2.5	263.67
Solid waste management	308,754	2.2	226.31
Governmental administration 4/	669,839	4.7	490.99
Interest on general debt	485,390	3.4	355.79
General expend., not elsewhere classified 3	1,290,071	9.0	945.61
Utility expenditure 4/	598,145	4.2	438.43
Water supply	264,831	1.8	194.12
Transit	333,314	2.3	244.32
Insurance trust expenditure	1,540,198	10.7	1,128.95
Debt outstanding	12,634,409	100.0	9,260.90
Short-term	19,000	0.2	13.93
Long-term	12,615,409	99.8	9,246.98
Public debt for private purposes	515,418	4.1	377.80
Long-term debt issued	2,532,097	20.0	1,856.00
Long-term debt retired	1,420,767	11.2	1,041.41
Cash and security holdings	16,685,986	100.0	12,230.67
Insurance trust funds	9,551,431	57.2	7,001.11
Unemployment compensation	33,424	0.2	24.50
Employee retirement	9,501,156	56.9	6,964.26
Workers' compensation	16,851	0.1	12.35
Other than insurance trust funds	7,134,555	42.8	5,229.56

1/ Duplicative intergovernmental transactions are excluded.

2/ Based on July 1, 2010 population for Hawaii of 1,364,274. As released December 2012 by the U.S. Census Bureau, Population Division, "Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2012 (NST-EST2012-01).

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: 2009-10" (tabulated September 21, 2012) <http://www2.census.gov/govs/estimate/09slsstab1a.xls> accessed July 22, 2013.

Table 9.23-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES, TOTAL AND PER CAPITA: 2011

[In thousands of dollars. For fiscal year ending June 30. Detail may not sum to subtotals due to rounding and catagories not shown separately]

Category	Total 1/	Percent distribution	Per capita 2/
Revenue 1/	15,958,833	100.0	11,580.07
General revenue 1/	12,912,675	80.9	9,369.71
Intergovernmental revenue 1/	3,180,863	19.9	2,308.10
General revenue from own sources	9,731,812	61.0	7,061.61
Taxes	6,572,749	41.2	4,769.33
Property	1,324,771	8.3	961.28
Sales and gross receipts	3,532,256	22.1	2,563.08
Individual income	1,247,291	7.8	905.06
Corporate income	67,859	0.4	49.24
Motor vehicle license	261,843	1.6	190.00
Other taxes	138,729	0.9	100.66
Charges & misc. general revenue	3,159,063	19.8	2,292.28
Current charges 3/	2,173,628	13.6	1,577.23
Education	497,510	3.1	361.00
Hospitals	526,807	3.3	382.26
Air transportation (airports)	337,653	2.1	245.01
Sewerage	395,171	2.5	286.74
Miscellaneous general revenue	985,435	6.2	715.05
Utility revenue	318,023	2.0	230.76
Insurance trust revenue	2,728,135	17.1	1,979.59
Expenditure 1/	14,389,261	100.0	10,441.16
Intergovernmental expenditure 1/	354	0.0	0.26
Direct expenditure by function	14,388,907	100.0	10,440.90
Direct general expenditure	12,205,684	84.8	8,856.71
Other direct general expenditure	10,794,109	75.0	7,832.44
Capital outlay	1,411,575	9.8	1,024.27
Education services 4/	3,381,097	23.5	2,453.40
Education	3,345,400	23.2	2,427.49
Libraries	35,697	0.2	25.90
Social services & income maintenance 4/	3,468,022	24.1	2,516.47
Public welfare	2,147,032	14.9	1,557.93
Hospitals	666,716	4.6	483.78
Health	641,107	4.5	465.20
Social insurance administration	11,146	0.1	8.09
Veterans' services	2,021	0.0	1.47
Transportation 4/	892,902	6.2	647.91
Highways	564,647	3.9	409.72
Air transportation (airports)	275,894	1.9	200.19

Continued on next page.

Table 9.23-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES, TOTAL AND PER CAPITA: 2011 -- Con.

Category	Total 1/	Percent distribution	Per capita 2/
Public safety 4/	792,734	5.5	575.22
Police protection	386,140	2.7	280.19
Fire protection	182,011	1.3	132.07
Correction	191,030	1.3	138.62
Protective inspection and regulation	33,553	0.2	24.35
Environment and housing 4/	1,248,924	8.7	906.25
Natural resources	101,252	0.7	73.47
Parks and recreation	273,717	1.9	198.61
Housing and community development	231,268	1.6	167.81
Sewerage	329,045	2.3	238.76
Solid waste management	313,642	2.2	227.59
Governmental administration	649,397	4.5	471.22
Interest on general debt	544,507	3.8	395.11
General expend., not elsewhere classified 3	1,228,101	8.5	891.14
Utility expenditure 4/	675,850	4.7	490.41
Water supply	285,672	2.0	207.29
Transit	390,178	2.7	283.12
Insurance trust expenditure	1,507,373	10.5	1,093.78
Debt outstanding	13,377,007	100.0	9,706.64
Short-term	10,000	0.1	7.26
Long-term	13,367,007	99.9	9,699.39
Public debt for private purposes	504,683	3.8	366.21
Long-term debt issued	1,411,408	10.6	1,024.15
Long-term debt retired	697,052	5.2	505.80
Cash and security holdings	18,435,517	100.0	13,377.21
Insurance trust funds	10,868,451	59.0	7,886.38
Unemployment compensation	-12,769	-0.1	-9.27
Employee retirement	10,863,695	58.9	7,882.93
Workers' compensation	17,525	0.1	12.72
Other than insurance trust funds	7,567,066	41.0	5,490.83

1/ Duplicative intergovernmental transactions are excluded.

2/ Based on July 1, 2011 population for Hawaii of 1,378,129. As released December 2012 by the U.S. Census Bureau, Population Division, "Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2012 (NST-EST2012-01).

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: 2010-11" (July 24, 2013) <http://www2.census.gov/govs/local/11slsstab1a.xls> accessed July 24, 2013.

Table 9.24-- HAWAII STATE GOVERNMENT FINANCES: 2008 TO 2011

[Thousands of dollars. For fiscal year ending June 30. Revised from previous *Data Book*]

Category	2008	2009	2010	2011
Total revenue	9,298,617	7,091,312	11,565,500	12,931,811
General revenue	9,301,983	9,163,828	9,627,041	10,203,676
Intergovernmental revenue	2,092,852	2,225,268	2,592,047	2,918,445
Taxes	5,147,569	4,712,651	4,837,862	4,857,729
General sales	2,619,595	2,461,618	2,316,434	2,495,807
Selective sales	682,584	663,417	727,946	839,755
License taxes	156,781	146,270	145,952	151,525
Individual income	1,544,835	1,338,702	1,527,790	1,247,291
Corporate income	105,294	78,597	79,853	67,859
Other taxes	38,480	24,047	39,887	55,492
Current charges	1,242,888	1,389,168	1,414,129	1,599,757
Miscellaneous general revenue	818,674	836,741	783,003	827,745
Insurance trust revenue 1/	-3,366	-2,072,516	1,938,459	2,728,135
Total expenditure	10,702,719	11,244,913	11,208,830	11,475,771
General expenditures, by func.	9,735,857	10,096,387	9,742,970	9,963,247
Education	3,511,360	3,556,817	3,254,387	3,345,134
Public welfare	1,602,375	1,731,584	1,960,542	2,086,752
Hospitals	572,458	601,205	640,331	666,713
Health	677,693	668,180	545,908	620,003
Highways	407,711	455,985	468,922	357,387
Police protection	13,808	28,394	34,211	31,656
Correction	219,070	230,656	206,695	191,030
Natural resources	113,560	118,376	104,865	97,119
Parks and recreation	78,920	85,278	91,156	110,006
Government administration	486,718	505,381	412,863	417,053
Interest on general debt	441,026	432,964	308,715	361,208
Other and unallocable	1,611,158	1,681,567	1,714,375	1,679,186
Utility expenditure	924	1,867	3,163	5,151
Insurance trust expenditure	965,938	1,146,659	1,462,697	1,507,373
Exhibit: General expenditure	9,735,857	10,096,387	9,742,970	9,963,247
Intergovernmental expenditure	137,771	159,452	177,624	207,988
Direct expenditure	9,598,086	9,936,935	9,565,346	9,755,259
Debt at end of fiscal year	6,296,492	6,880,242	7,700,654	7,912,833
Cash and security holdings	17,234,080	13,167,619	13,951,232	15,603,693

1/ Includes net earnings of state retirement systems which may be positive or negative.

Source: U.S. Census Bureau, Governments Division, State Government Finances (annual) <http://www.census.gov/govs/state/index.html> accessed July 21, 2013.

Table 9.25-- HAWAII STATE GOVERNMENT FINANCES, TOTAL AND PER CAPITA: 2008

[Amount in thousands of dollars, per capita in dollars. For fiscal year ending June 30. Census Bureau released revised data on December 6, 2012]

Category	Amount	Percent distribution	Per capita 1/
Total revenue	9,298,617	100.00	6,979.83
General revenue	9,301,983	100.04	6,982.35
Intergovernmental revenue	2,092,852	22.51	1,570.96
Taxes	5,147,569	55.36	3,863.92
General sales	2,619,595	28.17	1,966.35
Selective sales	682,584	7.34	512.37
License taxes	156,781	1.69	117.68
Individual income	1,544,835	16.61	1,159.60
Corporate income	105,294	1.13	79.04
Other taxes	38,480	0.41	28.88
Current charges	1,242,888	13.37	932.95
Miscellaneous general revenue	818,674	8.80	614.52
Insurance trust revenue	-3,366	-0.04	-2.53
Total expenditure	10,702,719	100.00	8,033.79
General expenditure, by function	9,735,857	90.97	7,308.03
Education	3,511,360	32.81	2,635.73
Public welfare	1,602,375	14.97	1,202.79
Hospitals	572,458	5.35	429.70
Health	677,693	6.33	508.70
Highways	407,711	3.81	306.04
Police protection	13,808	0.13	10.36
Correction	219,070	2.05	164.44
Natural resources	113,560	1.06	85.24
Parks and recreation	78,920	0.74	59.24
Government administration	486,718	4.55	365.35
Interest on general debt	441,026	4.12	331.05
Other and unallocable	1,611,158	15.05	1,209.38
Utility expenditure	924	0.01	0.69
Insurance trust expenditure	965,938	9.03	725.06
Exhibit: General expenditure	9,735,857	100.00	7,308.03
Intergovernment expenditure	137,771	1.42	103.42
Direct expenditure	9,598,086	98.58	7,204.62
Debt at end of fiscal year	6,296,492	100.00	4,726.34
Cash and security holdings	17,234,080	100.00	12,936.43

1/ Based on July 1, 2008 population for Hawaii of 1,332,213. As released September 2011 by the U.S. Census Bureau, Population Division, "Table 1. Intercensal Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2010 (ST-EST00INT-01). The Census Bureau released revised population estimates in October 2012 but Hawaii data not affected.

Source: U.S. Census Bureau, Governments Division, 2008 State Government Finances (December 6, 2012 <http://www2.census.gov/govs/state/09statess.xls> accessed July 21, 2013 and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 9.26-- HAWAII STATE GOVERNMENT FINANCES, TOTAL AND PER CAPITA: 2009

[Amount in thousands of dollars, per capita in dollars. For fiscal year ending June 30. Revised from previous *Data Book*]

Category	Amount	Percent distribution	Per capita 1/
Total revenue	7,091,312	100.00	5,265.63
General revenue	9,163,828	129.23	6,804.57
Intergovernmental revenue	2,225,268	31.38	1,652.36
Taxes	4,712,651	66.46	3,499.36
General sales	2,461,618	34.71	1,827.87
Selective sales	663,417	9.36	492.62
License taxes	146,270	2.06	108.61
Individual income	1,338,702	18.88	994.05
Corporate income	78,597	1.11	58.36
Other taxes	24,047	0.34	17.86
Current charges	1,389,168	19.59	1,031.52
Miscellaneous general revenue	836,741	11.80	621.32
Insurance trust revenue	-2,072,516	-29.23	-1,538.94
Total expenditure	11,244,913	100.00	8,349.87
General expenditure, by function	10,096,387	89.79	7,497.04
Education	3,556,817	31.63	2,641.10
Public welfare	1,731,584	15.40	1,285.78
Hospitals	601,205	5.35	446.42
Health	668,180	5.94	496.15
Highways	455,985	4.06	338.59
Police protection	28,394	0.25	21.08
Correction	230,656	2.05	171.27
Natural resources	118,376	1.05	87.90
Parks and recreation	85,278	0.76	63.32
Government administration	505,381	4.49	375.27
Interest on general debt	432,964	3.85	321.50
Other and unallocable	1,681,567	14.95	1,248.64
Utility expenditure	1,867	0.02	1.39
Insurance trust expenditure	1,146,659	10.20	851.45
Exhibit: General expenditure	10,096,387	100.00	7,497.04
Intergovernment expenditure	159,452	1.58	118.40
Direct expenditure	9,936,935	98.42	7,378.64
Debt at end of fiscal year	6,880,242	100.00	5,108.90
Cash and security holdings	13,167,619	100.00	9,777.57

1/ Based on July 1, 2009 population for Hawaii of 1,346,717. As released September 2011 by the U.S. Census Bureau, Population Division, "Table 1. Intercensal Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2010 (ST-EST00INT-01). The Census Bureau released revised population estimates in October 2012 but Hawaii data not affected.

Source: U.S. Census Bureau, Governments Division, 2009 State Government Finances (December 6, 2012 <http://www2.census.gov/govs/state/09statess.xls> accessed July 21, 2013 and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 9.27-- HAWAII STATE GOVERNMENT FINANCES, TOTAL AND PER CAPITA: 2010

[Amount in thousands of dollars, per capita in dollars. For fiscal year ending June 30. Revised from previous *Data Book*]

Category	Amount	Percent distribution	Per capita 1/
Total revenue	11,565,500	100.00	8,477.40
General revenue	9,627,041	83.24	7,056.53
Intergovernmental revenue	2,592,047	22.41	1,899.95
Taxes	4,837,862	41.83	3,546.11
General sales	2,316,434	20.03	1,697.92
Selective sales	727,946	6.29	533.58
License taxes	145,952	1.26	106.98
Individual income	1,527,790	13.21	1,119.86
Corporate income	79,853	0.69	58.53
Other taxes	39,887	0.34	29.24
Current charges	1,414,129	12.23	1,036.54
Miscellaneous general revenue	783,003	6.77	573.93
Insurance trust revenue	1,938,459	16.76	1,420.87
Total expenditure	11,208,830	100.00	8,215.97
General expenditure, by function	9,742,970	86.92	7,141.51
Education	3,254,387	29.03	2,385.44
Public welfare	1,960,542	17.49	1,437.06
Hospitals	640,331	5.71	469.36
Health	545,908	4.87	400.15
Highways	468,922	4.18	343.72
Police protection	34,211	0.31	25.08
Correction	206,695	1.84	151.51
Natural resources	104,865	0.94	76.87
Parks and recreation	91,156	0.81	66.82
Government administration	412,863	3.68	302.62
Interest on general debt	308,715	2.75	226.29
Other and unallocable	1,714,375	15.29	1,256.62
Utility expenditure	3,163	0.03	2.32
Insurance trust expenditure	1,462,697	13.05	1,072.14
Exhibit: General expenditure	9,742,970	100.00	7,141.51
Intergovernment expenditure	177,624	1.82	130.20
Direct expenditure	9,565,346	98.18	7,011.31
Debt at end of fiscal year	7,700,654	100.00	5,644.51
Cash and security holdings	13,951,232	100.00	10,226.12

1/ Based on July 1, 2010 population for Hawaii of 1,364,274. As released December 2012 by the U.S. Census Bureau, Population Division, "Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2012 (NST-EST2012-01).

Source: U.S. Census Bureau, Governments Division, 2010 State Government Finances (December 6, 2012) <http://www2.census.gov/govs/state/10statess.xls> accessed July 21, 2013. and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 9.28-- HAWAII STATE GOVERNMENT FINANCES, TOTAL AND PER CAPITA: 2011

[Amount in thousands of dollars, per capita in dollars. For fiscal year ending June 30. The Census Bureau released revised data July 5, 2013 but Hawaii data not affected]

Category	Amount	Percent distribution	Per capita 1/
Total revenue	12,931,811	100.00	9,383.60
General revenue	10,203,676	78.9	7,404.01
Intergovernmental revenue	2,918,445	22.6	2,117.69
Taxes	4,857,729	37.6	3,524.87
General sales	2,495,807	19.3	1,811.01
Selective sales	839,755	6.5	609.34
License taxes	151,525	1.2	109.95
Individual income	1,247,291	9.6	905.06
Corporate income	67,859	0.5	49.24
Other taxes	55,492	0.4	40.27
Current charges	1,599,757	12.4	1,160.82
Miscellaneous general revenue	827,745	6.4	600.63
Insurance trust revenue	2,728,135	21.1	1,979.59
Total expenditure	11,475,771	100.00	8,327.07
General expenditure, by function	9,963,247	86.8	7,229.55
Education	3,345,134	29.1	2,427.30
Public welfare	2,086,752	18.2	1,514.19
Hospitals	666,713	5.8	483.78
Health	620,003	5.4	449.89
Highways	357,387	3.1	259.33
Police protection	31,656	0.3	22.97
Correction	191,030	1.7	138.62
Natural resources	97,119	0.8	70.47
Parks and recreation	110,006	1.0	79.82
Government administration	417,053	3.6	302.62
Interest on general debt	361,208	3.1	262.10
Other and unallocable	1,679,186	14.6	1,218.45
Utility expenditure	5,151	0.0	3.74
Insurance trust expenditure	1,507,373	13.1	1,093.78
Exhibit: General expenditure	9,963,247	100.00	7,229.55
Intergovernment expenditure	207,988	2.09	150.92
Direct expenditure	9,755,259	97.91	7,078.63
Debt at end of fiscal year	7,912,833	100.00	5,741.72
Cash and security holdings	15,603,693	100.00	11,322.37

1/ Based on July 1, 2011 population for Hawaii of 1,378,129. As released December 2012 by the U.S. Census Bureau, Population Division, "Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2012 (NST-EST2012-01).

Source: U.S. Census Bureau, Governments Division, 2011 State Government Finances (December 6, 2012) <http://www2.census.gov/govs/state/11statess.xls> accessed July 21, 2013 and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 9.29-- STATE GOVERNMENT EXPENDITURES, GOVERNMENTAL FUNDS, BY FUNCTION: 2008 TO 2012

[In thousands of dollars. For fiscal year ending June 30. Table reflects changes in fund balances, governmental funds]

Function	2008	2009	2010	2011	2012
Total expenditures	8,220,571	8,737,426	8,429,715	8,476,625	8,600,890
Current	7,741,836	8,335,704	8,001,540	8,018,644	8,013,130
General government	537,541	597,210	436,290	487,848	487,596
Public safety	411,152	435,414	457,058	423,716	454,957
Highways	406,795	442,421	442,971	376,780	414,629
Conservation of natural resources	103,596	120,693	88,873	93,600	98,428
Health	863,914	798,026	801,923	757,482	729,841
Welfare	1,857,473	2,119,481	2,315,726	2,526,743	2,443,936
Lower education	2,201,901	2,454,668	2,325,066	2,208,303	2,330,130
Higher education	815,116	878,127	700,335	707,380	672,716
Other education	23,206	29,912	14,033	14,018	16,753
Culture and recreation	110,404	107,302	108,536	117,306	109,974
Urban redevelopment & housing	255,783	179,819	115,796	135,141	48,484
Economic devel. & assistance	149,075	169,547	166,320	158,104	147,445
Other	5,880	3,084	28,613	12,223	58,241
Debt service	478,735	401,722	428,175	457,981	587,760
Principal	231,478	204,604	179,624	191,244	313,721
Interest and others	247,257	197,118	248,551	266,737	274,039

Source: Hawaii State Department of Accounting and General Services, *Comprehensive Annual Financial Report For The Fiscal Year Ended June 30, 2012* (p. 143) <http://ags.hawaii.gov/wp-content/uploads/2012/09/soh-cafr-20120630.pdf> accessed January 29, 2013.

Table 9.30-- STATE GOVERNMENT REVENUES, GOVERNMENTAL FUNDS: 2008 TO 2012

[In thousands of dollars. For fiscal year ending June 30. Table reflects changes in fund balances, governmental funds]

Function	2008	2009	2010	2011	2012
Total revenues	7,396,658	7,193,308	7,623,018	8,239,489	8,264,770
Total taxes	4,857,364	4,390,134	4,368,686	4,770,498	5,358,949
General excise	2,597,121	2,410,756	2,279,310	2,507,980	2,774,636
Net income - corp. & personal	1,637,265	1,373,893	1,408,965	1,473,188	1,633,412
Public service companies	127,481	126,069	157,661	117,940	150,528
Transient accommodations	17,756	14,408	32,635	60,839	138,529
Tobacco and liquor	134,886	135,388	149,596	173,851	170,824
Liquid fuel	90,123	88,006	82,780	91,265	88,842
Insurance companies' premiums	96,332	95,181	105,848	140,586	119,472
Vehicle weight and registration	60,842	59,392	58,659	59,476	98,187
Rental motor/tour vehicle surcharge	49,196	39,751	40,401	43,892	106,417
Franchise	20,213	28,075	20,666	33,682	7,229
Other	26,149	19,215	32,165	67,799	70,873
Non-taxes	2,539,294	2,803,174	3,254,332	3,468,991	2,905,821
Interest and investment (loss) income	115,247	-42,051	124,518	55,854	5,347
Charges for current services	341,371	357,078	364,893	348,108	337,765
Intergovernmental	1,807,376	2,090,058	2,432,369	2,567,266	2,238,639
Rentals	20,152	21,107	19,712	23,319	25,421
Fines, forfeitures, and penalties	32,618	33,888	35,982	34,712	35,083
Licenses and fees	31,731	33,324	36,641	41,557	46,390
Revenues from private sources	59,508	63,401	57,850	54,857	65,085
Other	131,291	246,369	182,367	343,318	152,091

Source: Hawaii State Department of Accounting and General Services, *Comprehensive Annual Financial Report For The Fiscal Year Ended June 30, 2012* (p. 143) <http://ags.hawaii.gov/wp-content/uploads/2012/09/soh-cafr-20120630.pdf> accessed January 29, 2013.

Table 9.31-- LOCAL GOVERNMENT REVENUES: 2007

[Data are rounded to thousands of dollars. For fiscal year ending June 30. Based on sample]

Subject	Total	City & County of Honolulu	Other counties	Special district 1/
Revenue	2,650,182	1,577,126	989,979	83,077
General revenue	2,400,830	1,420,069	897,684	83,077
Intergovernmental revenue	408,505	190,137	195,818	22,550
From Federal Gov't	181,726	118,446	59,472	3,808
From State gov't	226,135	71,322	136,346	18,467
From local gov'ts	644	369	-	275
Gen. rev. from own sources	1,992,325	1,229,932	701,866	60,527
Taxes	1,470,083	905,659	564,424	-
Property	1,136,558	683,068	453,490	-
Sales& gross receipts	167,695	113,953	53,742	-
Selective sales	167,695	113,953	53,742	-
Motor fuel	69,406	43,125	26,281	-
Public utilities	98,289	70,828	27,461	-
Motor vehicle license	108,019	83,915	24,104	-
Other taxes	57,811	24,723	33,088	-
Charges & misc. gen. rev.	522,242	324,273	137,442	60,527
Current charges	351,854	270,017	81,757	80
Highways	3,473	3,130	343	-
Parking facilities	7,233	7,233	-	-
Natural resources	22	-	-	22
Parks & recreation	22,966	18,812	4,154	-
Housing & comm. dev.	4,931	3,409	1,522	-
Sewerage	192,257	147,776	44,481	-
Solid waste mgt.	109,846	85,660	24,186	-
Other charges	11,126	3,997	7,071	58
Misc. general rev.	170,388	54,256	55,685	60,447
Interest earnings	126,301	36,039	30,536	59,726
Special assessments	21,226	9,207	12,019	-
Sale of property	281	281	-	-
Other gen. revenue	22,580	8,729	13,130	721
Utility revenue	249,352	157,057	92,295	-
Water supply	208,594	116,561	92,033	-
Transit	40,758	40,496	262	-

1/ Hawaii statutes allow creation but only Office of Hawaiian Affairs and soil and water conservation districts are counted as governments.

Source: U.S. Census Bureau, 2007 Census of Governments: Finance "Table 2. Local Government Finances by Type of Government and State: 2006 - 07" (revised on October 14, 2011) <http://www2.census.gov/govs/estimate/07slsstab2a.xls> accessed on May 15, 2012.

Table 9.32--LOCAL GOVERNMENT EXPENDITURES: 2007

[Data are rounded to thousands of dollars. For fiscal year ending June 30. Based on sample]

Subject	Total	City & County of Honolulu	Other counties	Special district 1/
Expenditure	2,568,761	1,656,932	869,611	42,218
Intergov't expenditure	-	-	-	-
Direct expenditure	2,568,761	1,656,932	869,611	42,218
Current operations	1,921,455	1,167,678	711,579	42,198
Capital outlay	486,062	357,296	128,746	20
Construction	377,637	265,291	112,346	-
Other capital outlay	108,425	92,005	16,400	20
Interest on debt	161,244	131,958	29,286	-
Exhibit: Salaries and wages	748,185	495,287	235,010	17,888
Direct expenditure by function	2,568,761	1,656,932	869,611	42,218
Direct general expenditure	2,168,164	1,360,545	765,401	42,218
Capital outlay	425,522	301,814	123,688	20
Other direct general exp.	1,742,642	1,058,731	641,713	42,198
Education services	756	14	742	-
Education	742	-	742	-
Elem. & secondary	742	-	742	-
Libraries	14	14	-	-
Social serv. & income maint.	73,158	27,631	45,527	-
Public welfare	24,562	-	24,562	-
Vendor payments	6,813	-	6,813	-
Other public welfare	17,749	-	17,749	-
Health	48,596	27,631	20,965	-
Transportation	200,126	135,772	64,354	-
Highways	199,866	135,512	64,354	-
Capital outlay	98,939	74,156	24,783	-
Parking facilities	260	260	-	-
Public safety	440,497	272,603	167,894	-
Police protection	291,880	192,278	99,602	-
Fire protection	143,491	80,325	63,166	-
Prot. insp. & regulation	5,126	-	5,126	-

Continued on next page.

Table 9.32-- LOCAL GOVERNMENT EXPENDITURES: 2007-- Con.

Subject	Total	City & County of Honolulu	Other counties	Special district 1/
Environment and housing	741,094	523,751	216,298	1,045
Natural resources	9,823	5,117	3,661	1,045
Capital outlay	5,144	5,117	7	20
Parks and recreation	174,839	107,436	67,403	-
Capital outlay	45,705	32,321	13,384	-
Housing & comm. dev.	87,974	45,197	42,777	-
Sewerage	250,712	210,330	40,382	-
Capital outlay	141,224	134,509	6,715	-
Solid waste management	217,746	155,671	62,075	-
Capital outlay	25,678	11,518	14,160	-
Gov't admin.	237,065	137,904	99,161	-
Financial administration	66,350	39,446	26,904	-
Judicial and legal	47,639	22,647	24,992	-
General public buildings	57,939	32,855	25,084	-
Other gov't admin.	65,137	42,956	22,181	-
Interest on general debt	148,974	121,717	27,257	-
General expenditure, n.e.c.	326,494	141,153	144,168	41,173
Misc. comm. activities	300	-	300	-
Other and unallocable	326,194	141,153	143,868	41,173
Utility expenditure	400,597	296,387	104,210	-
Capital outlay	60,540	55,482	5,058	-
Water supply	204,208	108,412	95,796	-
Transit	196,389	187,975	8,414	-
Debt outstanding	4,189,125	3,499,379	689,746	-
Short-term	161,900	161,900	-	-
Long-term	4,027,225	3,337,479	689,746	-
Long-term debt issued	802,875	606,284	196,591	-
Long-term debt retired	458,476	359,525	98,951	-
Cash and security holdings	2,029,433	809,807	750,640	468,986
Other than insurance trust funds	2,029,433	809,807	750,640	468,986
By purpose:	2,029,433	809,807	750,640	468,986
Offsets to debt	47,209	24,045	23,164	-
Bond funds	413,763	86,678	327,085	-
Other	1,568,461	699,084	400,391	468,986

1/ Hawaii statutes allow creation but only Office of Hawaiian Affairs and soil and water conservation districts are counted as governments.

Source: U.S. Census Bureau, 2007 Census of Governments: Finance "Table 2. Local Government Finances by Type of Government and State: 2006 - 07" (revised on October 14, 2011) <http://www2.census.gov/govs/estimate/07slsstab2a.xls> accessed on May 15, 2012.

Table 9.33-- NUMBER OF EXEMPTIONS AND ADJUSTED GROSS INCOME REPORTED ON INDIVIDUAL FEDERAL INCOME TAX RETURNS: TAX YEARS 1980 TO 2011

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
2007 3/	694,035	1,277,961	35,510,051	51,165	27,786
2008	656,452	1,232,329	33,877,950	51,608	27,491
2009	648,846	1,241,352	33,438,301	51,535	26,937
2010	653,371	1,257,443	33,362,224	51,062	26,532
2011	661,948	1,270,737	34,372,459	51,926	27,049

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.

3/ Includes returns that were filed by individuals only to receive the economic stimulus payment and who had no other reason to file.

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/uac/SOI-Tax-Stats---Historic-Table-2> accessed June 13, 2013; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 9.34-- ADJUSTED GROSS INCOME AND INCOME TAX, BY SIZE OF ADJUSTED GROSS INCOME, FOR INDIVIDUAL FEDERAL INCOME TAX RETURNS: TAX YEARS 2009 TO 2011

Tax year and size of adj. gross income 1/	Number of returns	Adjusted gross income less deficit ($1,000)	Total income tax liability		
			Number of returns	Amount ($1,000)	Average (dollars)
2009					
All returns	648,846	33,438,301	474,225	3,703,822	7,810
Under $50,000 2/	427,637	8,938,953	259,742	498,669	1,920
$50,000 under $75,000	91,582	5,625,510	86,422	474,704	5,493
$75,000 under $100,000	55,661	4,808,220	54,513	451,331	8,279
$100,000 under $200,000	61,193	8,030,809	60,824	1,006,048	16,540
$200,000 or more	12,773	6,034,809	12,724	1,273,071	100,053
2010					
All returns	653,371	33,362,224	479,979	3,731,939	7,775
Under $50,000 2/	427,665	8,521,261	260,639	501,838	1,925
$50,000 under $75,000	92,016	5,652,422	87,188	483,584	5,546
$75,000 under $100,000	56,719	4,902,263	55,615	466,105	8,381
$100,000 under $200,000	63,321	8,332,019	62,930	1,051,900	16,715
$200,000 or more	13,650	5,954,258	13,607	1,228,513	90,285
2011					
All returns	661,948	34,372,459	485,624	3,874,035	7,977
Under $50,000 2/	428,195	8,456,238	258,700	493,917	1,909
$50,000 under $75,000	92,574	5,687,535	87,683	488,361	5,570
$75,000 under $100,000	58,108	5,026,863	56,810	481,756	8,480
$100,000 under $200,000	68,081	8,992,014	67,474	1,125,370	16,679
$200,000 under $500,000	12,762	3,561,799	12,741	694,073	54,476
$500,000 or more	2,228	2,648,010	2,216	590,558	266,497

1/ Filed in following year.

2/ Includes returns with adjusted gross deficit.

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/uac/SOI-Tax-Stats---Historic-Table-2> accessed June 13, 2013; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 9.35-- FEDERAL INDIVIDUAL INCOME TAX RETURNS, SELECTED INCOME AND TAX ITEMS: TAX YEAR 2007 AND 2008

[Money amounts in thousands of dollars unless otherwise noted. State totals do not include deleted ZIP code totals]

Adjusted gross income size (dollars)	No. of returns	No. of exemptions	Adjusted gross income	Salaries and wages		Taxable interest		Total tax	
				No. of returns	Amount	No. of returns	Amount	No. of returns	Amount
Total - 2007	670,660	1,236,345	34,738,561	534,038	23,190,103	360,811	922,120	488,825	4,088,705
Under 10,000 1/	142,282	152,792	428,773	82,442	478,306	44,141	42,294	31,604	15,812
10,000 under 25,000	138,506	218,240	2,414,750	113,476	1,928,901	49,483	60,867	96,623	98,844
25,000 under 50,000	168,758	310,566	6,094,928	148,308	5,037,429	87,212	114,728	145,478	415,391
50,000 under 75,000	91,285	208,337	5,613,847	78,438	4,290,741	65,975	124,510	86,619	492,061
75,000 under 100,000	55,685	146,652	4,816,783	48,212	3,561,654	45,985	105,725	54,666	464,444
100,000 under 200,000	59,294	161,704	7,793,322	51,596	5,349,313	53,807	196,935	59,031	1,017,835
200,000 or more	14,850	38,054	7,576,158	11,566	2,543,759	14,208	277,061	14,804	1,584,318
Total - 2008 2/	637,177	1,200,358	33,172,416	(NA)	23,556,237	(NA)	785,192	(NA)	3,756,696
Under 10,000 1/	115,168	123,345	363,160	(NA)	459,961	(NA)	39,502	(NA)	15,108
10,000 under 25,000	133,462	213,234	2,330,576	(NA)	1,847,857	(NA)	53,537	(NA)	91,335
25,000 under 50,000	167,819	310,831	6,066,816	(NA)	5,019,777	(NA)	98,541	(NA)	400,854
50,000 under 75,000	91,394	206,103	5,616,947	(NA)	4,330,813	(NA)	103,073	(NA)	485,770
75,000 under 100,000	55,754	145,561	4,820,172	(NA)	3,630,185	(NA)	88,450	(NA)	456,861
100,000 under 200,000	59,999	165,528	7,853,575	(NA)	5,674,836	(NA)	158,335	(NA)	1,004,287
200,000 or more	13,581	35,756	6,121,169	(NA)	2,592,808	(NA)	243,754	(NA)	1,302,480

NA Not available.

1/ Adjusted gross income size of "Under $10,000" includes adjusted gross deficits.

2/ Numbers of returns are not available in this preliminary release of Tax Year 2008 data but are expected in subsequent revised data.

Source: U.S. Internal Revenue Service, Statistics of Income, records, "Hawaii Individual Income Tax Returns: Selected Income and Tax Items by State, ZIP Code and Size of Adjusted Gross Income, Tax Year 2007"; and Ibid. "Tax Year 2008" <http://www.irs.gov/uac/SOI-Tax-Stats-Individual-Income-Tax-Statistics-ZIP-Code-Data-(SOI)> accessed July 30, 2013.

Table 9.36-- FEDERAL INDIVIDUAL INCOME TAX RETURNS, SELECTED INCOME AND TAX ITEMS, BY SELECTED ZIP CODES: TAX YEAR 2008

[Money amounts in thousands of dollars. State total does not include deleted ZIP code totals. ZIP codes were selected on basis of highest tax liability. Data are preliminary]

Zip code	No. of returns	No. of exemptions		Adj. gross income	Salaries and wages		Taxable interest		Total tax liability	
		Total	Depen-dents		No. of returns	Amount	No. of returns	Amount	No. of returns	Amount
State total	637,177	1,200,358	(NA)	33,172,416	(NA)	23,556,237	(NA)	785,192	(NA)	3,756,696
96816	26,369	43,571	(NA)	1,649,059	(NA)	1,007,394	(NA)	56,547	(NA)	229,295
96734	22,832	44,101	(NA)	1,549,748	(NA)	1,060,110	(NA)	32,020	(NA)	201,280
96821	9,986	17,772	(NA)	1,144,528	(NA)	585,035	(NA)	41,147	(NA)	199,315
96822	21,430	33,976	(NA)	1,328,084	(NA)	843,184	(NA)	40,087	(NA)	185,254
96744	27,355	50,809	(NA)	1,594,418	(NA)	1,141,400	(NA)	31,070	(NA)	182,747
96825	15,209	28,127	(NA)	1,262,928	(NA)	804,423	(NA)	35,419	(NA)	174,897
96789	25,582	51,792	(NA)	1,624,481	(NA)	1,286,839	(NA)	21,945	(NA)	171,268
96817	27,610	48,640	(NA)	1,274,918	(NA)	860,716	(NA)	30,306	(NA)	152,151
96701	21,530	38,690	(NA)	1,219,753	(NA)	861,344	(NA)	27,738	(NA)	143,715
96797	34,218	68,330	(NA)	1,532,505	(NA)	1,286,648	(NA)	16,658	(NA)	130,678
96815	15,431	22,617	(NA)	899,979	(NA)	498,539	(NA)	33,996	(NA)	119,198
96813	12,609	20,026	(NA)	782,181	(NA)	482,158	(NA)	29,476	(NA)	113,260
96720	21,983	41,617	(NA)	986,297	(NA)	696,354	(NA)	22,347	(NA)	106,599
96706	25,925	56,707	(NA)	1,258,081	(NA)	1,099,462	(NA)	8,984	(NA)	99,556
96818	21,125	46,341	(NA)	1,019,029	(NA)	828,285	(NA)	15,095	(NA)	92,682
96782	18,905	35,493	(NA)	935,515	(NA)	655,678	(NA)	19,375	(NA)	91,570
96707	15,327	33,186	(NA)	871,203	(NA)	730,954	(NA)	8,183	(NA)	85,921
96819	22,747	44,461	(NA)	888,040	(NA)	682,956	(NA)	16,416	(NA)	81,164
96814	10,060	15,401	(NA)	570,233	(NA)	362,052	(NA)	19,125	(NA)	79,917
96753	12,196	21,393	(NA)	649,190	(NA)	425,439	(NA)	23,510	(NA)	77,710

NA Not available in this preliminary release of Tax Year 2008 data but are expected in subsequent revised data.

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 2008" <http://www.irs.gov/uac/SOI-Tax-Stats-Individual-Income-Tax-Statistics-ZIP-Code-Data-(SOI)> accessed July 30, 2013.

Table 9.37-- SELECTED CHARACTERISTICS OF INDIVIDUAL FEDERAL INCOME TAX RETURNS: TAX YEAR 2010 AND 2011

Subject	2010 1/		2011	
	Number of returns	Amount ($1,000)	Number of returns	Amount ($1,000)
All returns and adj. gross income (AGI) 2/	653,372	33,362,262	661,948	34,372,459
Salaries and wages	531,783	23,927,700	538,133	24,758,469
Taxable interest income	292,656	467,538	272,326	385,752
Ordinary dividends	138,808	646,606	136,917	649,464
Business or prof. net income (less loss)	97,517	1,315,769	98,203	1,381,426
Farm returns	5,693	(NA)	5,667	(NA)
Net capital gain (less loss)	96,483	927,559	100,946	1,047,695
Taxable indiv. retire. arrangements distrib.	56,216	801,588	59,316	915,092
Taxable pensions and annuities	131,800	3,178,448	133,112	3,326,972
Unemployment compensation	55,273	507,145	47,993	407,812
Taxable social security benefits	80,724	1,013,638	84,081	1,081,972
Self-employment (keogh) retirement plans	4,995	91,500	4,912	94,214
Exemptions	1,257,447	(NA)	1,270,737	(NA)
Itemized deductions	206,540	5,238,876	206,481	5,247,455
State and local income taxes	173,652	1,119,632	173,974	1,179,609
State and local general sales tax	28,038	27,300	27,580	39,997
Real estate taxes	161,776	310,489	158,983	300,839
Total taxes paid	205,353	1,476,093	205,215	1,541,510
Home mortgage interest paid	152,529	2,281,046	149,684	2,159,886
Contributions (Charitable contributions)	168,008	553,995	167,891	579,539
Taxable income	503,850	21,871,098	509,224	22,711,391
Total tax credits	211,128	341,736	212,037	324,575
Residential energy tax credit	13,193	31,841	15,157	59,816
Child tax credit	106,100	132,361	104,523	130,589
Child (and dependent) care credit	28,965	13,647	28,770	14,177
First-time homebuyer credit	1,855	13,441	(NA)	(NA)
Earned income credit	111,789	222,544	114,700	235,605
Excess earned income credit (refundable)	96,030	199,587	98,820	212,903
Alternative minimum tax	11,670	74,235	12,238	82,904
Total tax payments	618,589	4,847,978	622,686	5,007,081
Income tax (before credits)	447,802	3,502,420	506,184	3,979,657
Tax liability	479,979	3,731,939	485,624	3,874,035
Tax due at time of filing	121,501	380,525	114,189	378,322
Overpayments (negative amount)	482,256	1,296,287	498,575	1,309,135

NA Not available.

1/ Revised from previous *Data Book.*

2/ Adjusted gross income (AGI) includes deficit.

Source: U.S. Internal Revenue Service, Table 2.-- Individual Income and Tax Data, by State and Size of Adjusted Gross Income, Tax Year 2010 <http://www.irs.gov/pub/irs-soi/10in12hi.xls> accessed July 12, 2013; and Ibid. Tax Year 2011 <http://www.irs.gov/pub/irs-soi/11in12hi.xls> accessed June 12, 2013.

Table 9.38-- INTERNAL REVENUE SERVICE OPERATIONS: 2007 TO 2012

[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	2007	2008	2009	2010	2011	2012
Total number of returns filed	1,097,173	1,160,161	1,120,099	1,076,845	1,087,893	1,082,377
Individual income tax 1/	637,469	689,759	660,232	645,560	651,371	658,626
Estate and trust income tax	13,151	13,327	13,940	13,817	14,013	13,891
Partnership tax	10,220	10,680	11,807	11,555	11,737	11,762
Corporate income tax 2/	27,220	29,067	28,982	28,374	27,836	28,025
Estate tax	309	294	345	231	69	163
Gift tax	1,810	1,480	1,475	1,339	1,195	1,371
Employment taxes	128,691	127,946	125,199	124,710	121,726	120,345
Excise taxes	1,078	1,249	1,343	1,315	776	1,769
Other 3/	277,225	286,359	276,776	249,944	259,170	246,425
Total no. of returns filed electronically	313,551	373,496	406,898	432,224	514,183	566,309
Individual income tax 1/	288,542	334,559	361,709	379,403	444,090	485,395
Estate and trust income tax	1,727	1,627	1,724	2,148	6,712	7,736
Partnership tax	804	1,218	1,978	2,288	3,441	4,650
Corporate income tax 2/	1,617	2,332	3,356	4,364	6,920	9,161
Employment taxes	20,759	21,126	21,753	22,663	23,904	24,879
Other 4/	102	12,634	16,378	21,358	29,116	34,488
Total number of refunds issued 1/	528,506	1,081,714	576,105	544,826	543,583	550,994
Business income tax	3,537	3,461	3,540	3,874	3,266	2,851
Individual income tax 5/	514,212	526,822	431,944	532,962	530,129	538,380
Economic stimulus payments 6/	(X)	540,854	131,649	(X)	(X)	(X)
Employment taxes	10,266	10,148	8,520	7,489	9,847	9,378
Estate tax	85	97	92	71	32	20
Gift tax	21	15	18	16	15	19
Excise taxes	385	317	342	414	294	346
Total amount of refunds issued ($1,000)	1,107,617	1,604,152	1,440,194	1,502,019	1,599,606	1,433,423
Business income tax	81,178	71,738	109,857	107,095	238,435	91,421
Individual income tax 5/	992,082	1,072,024	1,253,841	1,377,198	1,345,977	1,331,303
Employment taxes	8,773	11,115	7,864	10,944	10,546	8,656
Economic stimulus payments 6/	(X)	441,709	59,459	(X)	(X)	(X)
Estate tax	5,336	6,242	7,970	5,008	3,717	822
Gift tax	8	4	248	633	40	120
Excise taxes	4,794	1,321	956	1,141	891	1,101
Telephone excise tax 1/	15,446	(X)	(X)	(X)	(X)	(X)

Continued on next page.

Table 9.38-- INTERNAL REVENUE SERVICE OPERATIONS: 2007 TO 2012 -- Con.

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. Similarly, the one-time economic stimulus payments associated with the Economic Stimulus Act of 2008 resulted in an increase in the number of individual income tax returns filed in FY 2008.

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.

4/ 2005 to 2007 is Tax-exempt organizations only, 2008 and beyond also includes supplemental documents.

5/ For 2009 to 2012, includes individual income tax and estate and trust income tax.

6/ The one-time economic stimulus payments were special refunds to qualified taxpayers. These payments were associated with the Economic Stimulus Act of 2008.

Source: U.S. Internal Revenue Service, *Internal Revenue Service Data Book* (annual) <http://www.irs.gov/uac/SOI-Tax-Stats-IRS-Data-Book> accessed March 27, 2013 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 9.39-- 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 9.40-- 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 9.41-- 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 9.42-- 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 9.43-- 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 9.44-- 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 9.45-- 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 9.46-- GENERAL EXCISE AND USE TAX BASE AND COLLECTIONS: 2011 AND 2012

[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	
	2011	2012	2011	2012
All sources	84,114,007	90,678,738	2,588,488	2,844,741
Sources taxed at 4 percent	60,394,367	65,014,965	2,415,775	2,600,599
Retailing	27,750,265	29,976,425	1,110,011	1,199,057
Services	12,460,801	12,898,627	498,432	515,945
Contracting	5,837,445	7,006,133	233,498	280,245
Theater, amusement, radio, etc.	388,277	399,355	15,531	15,974
Interest	195	59	8	2
Commissions	944,173	1,000,712	37,767	40,028
Hotel rentals	3,185,483	3,666,325	127,419	146,653
All other rentals	6,123,222	6,212,337	244,929	248,493
Use	1,012,532	1,055,696	40,501	42,228
All others	2,691,976	2,799,295	107,679	111,972
Sources taxed at other rates 1/	23,719,639	25,663,773	116,936	126,657
Insurance solicitors	474,907	474,761	712	712
Sugar processing	-	-	-	-
Pineapple canning	-	7	-	(2/)
Producing	399,078	401,496	1,995	2,007
Manufacturing	695,442	646,969	3,477	3,235
Wholesaling	14,157,437	14,687,369	70,787	73,437
Services (intermediary)	590,955	676,615	2,955	3,383
Use	7,401,821	8,776,556	37,009	43,883
Unallocated net collections	(3/)	(3/)	55,777	117,485

1/ Insurance solicitors at 0.15 percent; others at 0.5 percent.

2/ Category colletions of $37 rounds down to zero.

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" (March 28, 2013) <http://www.state.hi.us/tax/a5_3txcolrpt.htm> accessed May 14, 2013.

Table 9.47-- TOBACCO TAX COLLECTIONS: 1994 TO 2012

[In dollars. Definitions and rates are as specified in Hawaii Revised Statutes Chapter 245 and §245-3 Taxes and as amended and "Outline of the Hawaii Tax System as of July 1, 2011" issued by the Department of Taxation]

Year	Cigarettes	Tax rate per cigarette	Other tobacco products 1/
1994	33,424,978	$0.03 as of July 1, 1993	2,802,993
1995	34,683,672	$0.03 as of July 1, 1993	2,765,172
1996	35,836,158	$0.03 as of July 1, 1993	1,805,131
1997	32,878,288	$0.04 as of Sept. 30, 1997	2,677,839
1998	35,694,448	$0.05 as of July 1, 1998	3,804,475
1999	39,697,383	$0.05 as of July 1, 1998	1,996,928
2000	40,777,139	$0.05 as of July 1, 1998	2,941,355
2001	61,282,238	$0.05 as of July 1, 1998	3,226,138
2002	64,892,154	$0.06 as of Sept. 30, 2002	1,863,028
2003	75,760,904	$0.065 as of June 30, 2003	1,715,058
2004	81,615,862	$0.07 as of June 30, 2004	1,768,561
2005	83,630,255	$0.07 as of June 30, 2004	2,328,665
2006	85,006,267	$0.08 as of Sept. 30, 2006	5,403,122
2007	97,087,696	$0.09 as of Sept. 30, 2007	2,972,626
2008	102,480,449	$0.10 as of Sept. 30, 2008	3,470,170
2009	112,715,186	$0.13 as of July 1, 2009	2,611,359
2010	128,909,763	$0.15 as of July 1, 2010	6,171,466
2011	134,678,544	$0.16 as of July 1, 2011	8,200,288
2012	126,334,359	$0.16 as of July 1, 2011	7,560,663

1/ Other [than cigarettes] tobacco products are now taxed at 70 percent and large cigars at 50 percent of the wholesale value. The tax rate on 'little cigars' changed on October 1, 2009 to $0.11; on July 1, 2010 to equal the $0.15 on cigarettes; and on July 1, 2011 to equal the $0.16 on cigarettes.

Source: Hawaii State Department of Taxation, "Tobacco Tax Collections and Licenses" (annual calendar year summary) and for 2011 <http://www6.hawaii.gov/tax/a5_3txcolrptarchive.htm> accessed May 29, 2012; and for 2012 <http://www6.hawaii.gov/tax/a5_3txcolrptarchive.htm> accessed June 12, 2013.

Table 9.48-- LIQUOR TAX COLLECTIONS: 1990 TO 2012

[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	2002	38,497
1991	40,125	2003	42,149
1992	40,983	2004	43,426
1993	38,286	2005	43,594
1994	38,753	2006	47,001
1995	37,486	2007	44,705
1996	38,624	2008	47,568
1997	38,624	2009	45,332
1998 1/	38,361	2010	44,961
1999	37,139	2011	48,433
2000	39,887	2012	48,612
2001	39,379		

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) and <http://www6.hawaii.gov/tax/a5_3txcolrptarchive.htm> accessed June 12, 2013.

Table 9.49-- STATE AND LOCAL SALES AND USE TAX REVENUES FROM E-COMMERCE FOR THE UNITED STATES AND HAWAII: 2007 TO 2012

[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]

Category	Baseline			Optimistic 1/		
	Due	Collections	Losses	Due	Collections	Losses
2007						
Total state and local						
U.S. (including Dist.of Col.)	29,176.8	21,931.2	7,245.6	29,176.8	21,931.2	7,245.6
Hawaii	149.5	111.4	38.2	149.5	111.4	38.2
2008						
Total state and local						
U.S. (including Dist.of Col.)	31,112.6	23,386.3	7,726.3	31,190.6	23,444.9	7,745.7
Hawaii	159.4	118.7	40.7	159.8	119.0	40.8
2009						
Total state and local						
U.S. (including Dist.of Col.)	27,992.3	21,040.8	6,951.4	30,212.3	22,709.6	7,502.7
Hawaii	143.4	106.8	36.6	154.8	115.3	39.5
2010						
Total state and local						
U.S. (including Dist.of Col.)	34,713.2	26,092.7	8,620.4	39,945.1	30,025.4	9,919.7
Hawaii	177.9	132.5	45.4	204.7	152.4	52.2
2011						
Total state and local						
U.S. (including Dist.of Col.)	40,815.2	30,679.5	10,135.8	45,596.1	34,273.1	11,323.1
Hawaii	209.2	155.8	53.4	233.6	174.0	59.6
2012						
Total state and local						
U.S. (including Dist.of Col.)	45,876.6	34,483.9	11,392.7	50,937.9	38,288.3	12,649.6
Hawaii	235.1	175.1	60.0	261.0	194.4	66.6

1/ Forecasts a higher growth rate of the economy and of resulting internet sales.

Source: Donald Bruce, William F. Fox, William B. Stokely and LeAnn Luna, "State and Local Government Sales Tax Revenue Losses from Electronic Commerce" (April 13, 2009) Center for Business and Economic Research, College of Business Administration, University of Tennessee <http://cber.bus.utk.edu/ecomm/ecom0409.pdf> accessed September 1, 2011; and calculations by Hawaii Department of Business, Economic Development & Tourism.

Table 9.50-- REAL PROPERTY TAX VALUATIONS: 1986 TO 2013

[In thousands of dollars. For fiscal year ending June 30. Government parcels assessed at $1, 1985-1987, and at 100 percent thereafter]

Year	Assessor's gross valuation 1/			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	(2/)	(2/)	138,383,238
2006	199,525,855	(2/)	(2/)	171,105,210
2007	254,954,333	(2/)	(2/)	220,731,778
2008	292,830,383	(2/)	(2/)	253,358,852
2009	297,908,333	(2/)	(2/)	257,714,285
2010	298,084,580	(2/)	(2/)	255,749,570
2011	274,149,769	(2/)	(2/)	232,482,952
2012	267,181,978	(2/)	(2/)	226,552,118
2013	265,105,539	(2/)	(2/)	226,611,749

1/ Beginning in 1992, values shown for gross valuation exclude nontaxable properties.

2/ 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, 2012-2013 Tax Year, State of Hawaii* (July 2012) <https://www.realpropertyhonolulu.com/portal/rpadcms/Reports?parent=REPORTS> accessed September 6, 2012 and earlier reports; and reports as the Department of Finance.

Table 9.51-- REAL PROPERTY TAX VALUATION FOR THE STATE, 2010 TO 2013, AND BY COUNTY, 2013

[In thousands of dollars. For fiscal year ending June 30. Gross valuations exclude nontaxable (government) properties]

Subject	2010	2011	2012	2013
Assessor's gross valuation 1/ 2/	298,084,580	274,149,769	267,181,978	265,105,539
Land	(3/)	(3/)	(3/)	(3/)
Improvement	(3/)	(3/)	(3/)	(3/)
Exemptions 1/	39,020,550	38,969,749	38,933,413	37,104,305
Assessor's net taxable valuation	259,064,030	235,180,021	228,248,566	228,001,234
Half of valuation on appeal	3,314,460	2,697,069	1,696,447	1,389,485
Number of appeals	8,846	5,725	5,273	2,541
Valuation for tax rate purposes	255,749,570	232,482,952	226,552,118	226,611,749
Land	(3/)	(3/)	(3/)	(3/)
Improvement	(3/)	(3/)	(3/)	(3/)
Amount to be raised by taxation	1,384,029	1,316,024	1,294,535	1,300,905
2013, by county	**Honolulu**	**Maui**	**Hawaii**	**Kauai**
Assessor's gross valuation 1/ 2/	180,233,667	38,717,277	28,855,671	17,298,924
Land	(3/)	16,588,835	12,600,034	9,452,552
Improvement	(3/)	22,128,442	16,255,637	7,846,372
Exemptions 1/	23,874,592	6,031,433	5,210,850	1,987,430
Assessor's net taxable valuation	156,359,075	32,685,844	23,644,821	15,311,494
Half of valuation on appeal	1,025,323	212,541	117,248	34,373
Number of appeals	1,264	566	543	168
Valuation for tax rate purposes	155,333,752	32,473,303	23,527,573	15,277,121
Land	(3/)	15,091,774	11,662,188	8,806,156
Improvement	(3/)	17,381,529	11,865,385	6,470,965
Amount to be raised by taxation	809,220	212,556	196,029	83,101

1/ Beginning in 1993, data exclude nontaxable properties.

2/ Assessed value for 2010 as of January 29, 2009 for Honolulu; April 20, 2009 for April 15, 2009 Maui; for Hawaii; and February 25, 2009 for Kauai. Assessed value for 2011 as of January 28, 2010 for Honolulu; March 25, 2010 for Kauai; April 19, 2010 for Maui; and April 20, 2010 for Hawaii. Assessed value for 2012 as of January 26, 2011 for Honolulu; April 19, 2011 for Maui and Hawaii; and April 21, 2011 for Kauai. Assessed value for 2013 as of January 27, 2012 for Honolulu; as of April 19, 2012 for Maui and Hawaii; and March 30, 2012 for Kauai.

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, 2012-2013 Tax Year* (July 2012) <https://www.realpropertyhonolulu.com/portal/rpadcms/Reports?parent=REPORTS> accessed September 6, 2012 and earlier reports.

Table 9.52-- REAL PROPERTY TAX EXEMPTIONS, BY TYPE: 2012 AND 2013

[For fiscal year ending June 30]

Type of exemption	2012 Number	2012 Amount 1/ ($1,000)	2013 Number	2013 Amount 1/ ($1,000)
All exemptions, Statewide	265,825	69,615,086	264,432	67,589,983
Federal government	623	6,332,638	605	6,171,587
State government	8,242	15,734,423	8,268	15,777,152
County government	3,872	5,901,095	3,973	5,843,182
Government leases - total	152	116,172	148	122,322
Government leases - portion	142	58,383	140	55,442
Hawaiian Homes Commission	2,017	1,331,680	2,035	1,434,877
Hawaiian Homes Land - basic	1,153	181,570	1,122	175,359
Hawaiian Homes Land - multiple	567	102,776	588	106,505
Hawaiian Homes Land - total land	4,456	1,558,216	5,089	1,467,658
Hawaiian Homes Land - vacant land	192	456	235	24
Hawaiian Homes - 7 year	932	299,602	938	303,796
Homes - fee (basic)	125,876	13,718,122	145,013	14,640,531
Homes - fee (multiple)	86,815	11,457,150	65,386	8,392,828
Homes - leasehold (basic)	2,653	246,287	3,486	340,845
Homes - leasehold (multiple)	3,263	475,979	1,974	274,795
In lieu of home ex - fee	1,964	330,126	1,997	337,364
In lieu of home ex - lease	83	13,947	79	13,209
Additional home exemption	1,481	80,630	2,028	234,040
Additional income exemption	-	-	-	-
Blind	432	11,487	418	11,097
Deaf	166	4,367	164	4,348
Leprosy	6	157	5	125
Totally disabled	6,792	188,021	6,611	187,238
Totally disabled veterans	1,652	757,238	1,722	775,721
Cemeteries	110	51,091	110	50,875
Charitable organizations	1,352	2,227,901	1,379	2,294,165
Childcare	22	1,100	19	985
Child care center, non-profit	3	5,943	4	16,774
Child care center, for-profit	3	4,436	6	9,820
Churches	1,531	2,270,371	1,528	2,193,728
Civil - condemnation	26	30,837	26	30,818
Combat zone	-	-	-	-
Credit unions	121	177,888	124	207,368
Crop shelters	35	3,306	32	3,221
Enterprize Zone	4	3,218	3	2,801
Foreign consulates	30	38,162	30	37,593

Continued on next page.

Table 9.52-- REAL PROPERTY TAX EXEMPTIONS, BY TYPE: 2012 AND 2013 -- Con.

Type of exemption	2012 Number	2012 Amount 1/ ($1,000)	2013 Number	2013 Amount 1/ ($1,000)
Forest reserve	6	1,604	6	1,604
Historic residential properties	289	329,614	289	347,428
Historic commercial properties	5	24,644	6	26,226
Kuleana	89	45,165	114	61,102
Hospitals	94	745,145	95	748,695
Landscaping, open-space	34	32,019	31	32,546
Low-moderate income housing	369	1,838,554	376	1,929,270
New construction	15	62,406	-	-
Public utilities	807	1,904,121	817	1,747,644
Roadways and waterways	6,890	37,602	6,959	38,661
Safe room	44	1,760	46	1,840
Schools	218	807,333	225	987,383
Setbacks	12	108	6	386
Slaughterhouse	1	2,787	1	2,787
Taro	46	12	45	40
Tree farm	114	56,005	114	64,154
Miscellaneous	18	8,708	12	3,024
Military (deployed)	6	2,724	-	-
Alternate Energy	(NA)	(NA)	4	78,503
Commercial Alternative Energy	(NA)	(NA)	1	500

NA Not available.

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 by Tax Year* (annual) <https://www.realpropertyhonolulu.com/portal/rpadcms/Reports?parent=REPORTS> accessed September 6, 2012.

Table 9.53-- REAL PROPERTY TAX VALUATION, BY LAND USE CLASS: 2012 AND 2013

[In thousands of dollars. For fiscal year ending June 30. Assessed value for 2012 as of January 26, 2011 for Honolulu; April 19, 2011 for Maui and Hawaii; and April 21, 2011 for Kauai. Assessed value for 2013 as of January 27, 2012 for Honolulu; April 19, 2012 for Maui and Hawaii; and March 30, 2012 for Kauai. All counties use the land use class unless footnoted]

Land use class	Gross valuation 1/	Net valuation	Valuation for tax rate	To be raised by taxation
2012 - All classes	267,181,978	228,248,566	226,552,118	1,294,535
Affordable rental 2/	223,895	222,525	222,398	1,234
Residential 2/ 3/ 4/	156,875,891	135,673,314	135,368,988	521,200
Apartment 2/ 3/ 5/	11,037,883	10,808,912	10,675,828	79,191
Commercial	21,516,486	19,030,460	18,565,929	207,142
Industrial	11,092,204	10,693,999	10,500,589	117,247
Agricultural/native forest	11,854,970	10,817,966	10,647,580	73,930
Vacant agricultural 4/	145,507	145,507	112,245	954
Conservation/preservation	1,606,981	1,519,002	1,418,927	9,810
Hotel and resort	18,269,085	18,168,337	17,932,528	183,793
Homeowner 2/ 3/	22,439,019	11,195,988	11,179,345	43,213
Single family 5/	4,948,499	4,564,146	4,541,812	18,405
Homestead 5/	4,682,462	3,706,813	3,704,539	14,010
Public service 4/	790,981	3,644	3,644	-
Time share 3/	1,627,652	1,627,652	1,607,463	24,112
Commercialized residential 3/	70,464	70,301	70,301	295
2013 - All classes	265,105,539	228,001,234	226,611,749	1,300,905
Affordable rental 2/	175,094	174,561	174,479	968
Residential 2/ 3/ 4/	157,457,895	136,350,959	136,074,459	523,937
Apartment 2/ 3/ 5/	10,057,013	9,824,230	9,775,941	75,407
Commercial	21,874,859	19,312,566	18,683,441	211,425
Industrial	11,155,247	10,649,752	10,558,667	118,043
Agricultural/native forest	11,688,629	10,611,742	10,529,821	73,480
Vacant agricultural 4/	109,151	109,151	92,350	785
Conservation/preservation	1,579,248	1,490,031	1,384,564	9,628
Hotel and resort	17,961,615	17,912,227	17,792,162	184,985
Homeowner 2/ 3/	21,150,760	11,988,610	11,980,112	47,023
Single family 5/	4,933,125	4,517,222	4,508,880	20,911
Homestead 5/	4,579,479	3,471,714	3,470,548	10,585
Public service 4/	797,236	2,284	2,284	-
Time share 3/	1,510,939	1,510,939	1,508,875	23,388
Commercialized residential 3/	75,248	75,248	75,166	338

1/ Excludes nontaxable properties.
2/ Hawaii County category.
3/ Maui County category.
4/ City and County of Honolulu category.
5/ Kauai County category.

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 <https://www.realpropertyhonolulu.com/portal/rpadcms/Reports?parent=REPORTS> accessed September 6, 2012.

Table 9.54-- MAJOR REAL PROPERTY TAXPAYERS, FOR THE CITY AND COUNTY OF HONOLULU: 2012

[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	112,299,603	52,289.12	11,665,147,300
1	Kyo-Ya Company	12,703,336	23.64	1,007,129,300
2	Bishop Estate	12,437,203	39,967.02	1,339,214,700
3	Hilton Hawaiian Village	11,076,557	20.14	908,020,100
4	Outrigger Hotels Hawaii	7,243,937	9.22	593,277,800
5	First Hawaiian Bank	5,841,875	48.02	472,437,400
6	Ko Olina Hotel	5,609,593	407.48	449,340,300
7	Irongate	5,078,491	0.00	401,600
8	United States of America	5,050,302	7,302.72	2,837,089,800
9	DEG, LLC	4,834,423	59.67	537,956,600
10	Reynolds/Shidler	4,696,132	44.68	415,607,500
11	General Growth Properties	4,685,639	37.36	385,412,400
12	Weinberg, Harry & Jeanette Foundation, Inc.	4,613,637	1,817.53	407,263,500
13	Marriott Ownership Resorts	4,324,131	33.85	348,699,500
14	Hawaii MMGD, LLC	3,886,633	154.73	264,858,700
15	James Campbell Estate	3,855,500	2,124.48	354,719,500
16	Bank of Hawaii	3,519,072	111.36	302,667,300
17	Wal-Mart	3,394,548	73.18	273,681,700
18	W2007 WKH Owner, LLC	3,375,022	4.02	272,179,200
19	Watercress Associates	3,084,690	44.63	253,405,300
20	Halekulani Corp.	2,988,883	5.39	241,785,100

1/ Original debit as of July, 2011.

2/ Land and improvements. Assessed valuation as of October 1, 2010. 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 9.55-- RESIDENTIAL PROPERTY TAX RATES IN HONOLULU AND THE MEDIAN OF 51 MAJOR CITIES: 1985 TO 2011

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
2007	1.39	0.33	51	0.33	100.0
2008	1.32	0.33	51	0.33	100.0
2009	1.40	0.34	51	0.34	100.0
2010	1.67	0.34	51	0.34	100.0
2011	1.71	0.35	51	0.35	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/node/215912> accessed January 22, 2013.

Table 9.56-- REAL PROPERTY TAX RATES, BY COUNTY: 2013

[In dollars per $1,000 net taxable value. As of July 18, 2012. For fiscal year ending June 30]

Class	Honolulu
Property 1/	
Residential	3.50
Commercial	12.40
Industrial	12.40
Agricultural	5.70
Preservation	5.70
Hotel and Resort	12.40
Public Service	0.00
Vacant Agricultural	8.50

Class	Maui	Hawaii	Kauai
Building			
Residential 2/	5.75	9.10	4.25
Apartment	6.20	9.85	7.90
Commercial	6.90	9.10	7.90
Industrial	7.10	9.10	7.90
Agricultural 3/	6.00	8.35	4.25
Conservation	6.20	9.85	4.25
Hotel and Resort	9.15	9.85	8.20
Homestead	(X)	(X)	3.05
Homeowner	2.75	5.55	(X)
Time Share	15.50	(X)	(X)
Commercialized Residential	4.50	(X)	(X)
Affordable Rental Housing	(X)	5.55	(X)
Land			
Residential 2/	5.75	9.10	4.85
Apartment	6.20	9.85	6.90
Commercial	6.90	9.10	6.90
Industrial	7.10	9.10	6.90
Agricultural 3/	6.00	8.35	6.90
Conservation	6.20	9.85	6.90
Hotel and Resort	9.15	9.85	7.14
Homestead	(X)	(X)	3.05
Homeowner	2.75	5.55	(X)
Time Share	15.50	(X)	(X)
Commercialized Residential	4.50	(X)	(X)
Affordable Rental Housing	(X)	5.55	(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 Budget & Fiscal Services, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates, & Exemptions, 2012-2013 Tax Year, State of Hawaii* (July 2012) and <https://www.realpropertyhonolulu.com/portal/rpadcms/Reports?parent=REPORTS> accessed September 6, 2012.

Table 9.57-- FEDERAL EXPENDITURES IN HAWAII: 1983 TO 2010

[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)	1997	8,159,285	2.1
1984	4,140,182	3.2	1998	8,449,229	3.6
1985	4,575,478	10.5	1999	8,659,684	2.5
1986	4,646,930	1.6	2000	9,036,388	4.4
1987	4,811,882	3.5	2001	9,728,839	7.7
1988	5,064,944	5.3	2002	10,474,798	7.7
1989	5,570,896	10.0	2003	11,269,306	7.6
1990	5,633,927	1.1	2004	12,176,350	8.0
1991	6,198,142	10.0	2005	12,699,321	4.3
1992	6,636,322	7.1	2006	13,495,147	6.3
1993	7,283,475	9.8	2007	14,061,883	4.2
1994	7,643,718	4.9	2008	15,009,273	6.7
1995	7,449,512	-2.5	2009 1/	18,985,405	26.5
1996	7,990,275	7.3	2010	20,855,223	9.8

NA Not available.

1/ Revised from previous *Data Book* to reflect September 27, 2011 revisions to the U.S. Department of Health and Human Services data.

Source: U.S. Census Bureau, *Consolidated Federal Funds Report for Fiscal Year, State and County Areas* (annual); Ibid. On-Line Query System (1993-2010) <http://www.census.gov/govs/cffr/index.html> accessed July 13, 2011; and Ibid. Governments Division unpublished tabulation (January 11, 2005).

Table 9.58-- FEDERAL EXPENDITURES IN HAWAII, BY TYPE: 1983 TO 2010

[In millions of dollars. For fiscal year ending September 30]

Year	Total direct expendi-tures or obligations	Retirement & disability payments for individuals	Other direct payments for individuals	Direct payments for other than individuals	Grants - block, formula, project, & cooperative agreements	Procure-ment 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	13,495.1	3,533.6	1,574.8	215.6	2,312.3	2,147.8	3,711.0
2007	14,061.9	3,752.4	1,590.7	321.5	2,452.4	2,327.7	3,617.3
2008	15,009.3	3,872.8	1,903.1	361.7	2,282.9	2,455.9	4,132.8
2009 1/	18,985.4	4,221.6	2,341.5	275.1	3,261.1	2,729.8	6,156.3
2010	20,855.2	4,368.4	2,462.8	356.1	3,025.6	2,744.8	7,897.6

1/ Revised from previous *Data Book* to reflect September 27, 2011 revisions to the U.S. Department of Health and Human Services data.

Source: U.S. Census Bureau, *Consolidated Federal Funds Report for Fiscal Year, State and County Areas* (annual); Ibid. On-Line Query System (1993-2010) <http://www.census.gov/govs/cffr/index.html> accessed September 27, 2011; and Ibid. Governments Division unpublished tabulation (January 11, 2005).

Table 9.59-- PER CAPITA DIRECT FEDERAL EXPENDITURE IN THE UNITED STATES AND HAWAII, BY TYPE: 2008 TO 2010

[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 2008 2/	9,041.50	11,651.37	128.87	6
Retirement and disability	2,667.33	3,006.35	112.71	16
Other direct payments	2,062.78	1,758.16	85.23	34
Grants	1,868.49	1,772.16	94.84	23
Procurement	1,619.90	1,906.50	117.69	11
Salaries and wages	823.01	3,208.20	389.81	2
Department of Defense	1,574.13	4,740.92	301.18	3
All other Federal agencies	7,467.38	6,910.45	92.54	35
Total 2009 2/ 3/	10,426.50	14,658.53	140.59	(4/)
Retirement and disability	2,869.99	3,259.44	113.57	(4/)
Other direct payments	2,573.03	2,020.29	78.52	(4/)
Grants	2,314.74	2,517.91	108.78	(4/)
Procurement	1,693.48	2,107.63	124.46	(4/)
Salaries and wages	975.27	4,753.25	487.38	(4/)
Department of Defense	(4/)	6,423.57	(4/)	(4/)
All other Federal agencies	(4/)	8,234.96	(4/)	(4/)
Total 2010 2/	10,459.69	15,331.33	146.58	5
Retirement and disability	2,935.25	3,211.37	109.41	21
Other direct payments	2,633.32	2,072.20	78.69	38
Grants	2,187.11	2,224.18	101.69	23
Procurement	1,604.73	2,017.80	125.74	10
Salaries and wages	1,099.28	5,805.78	528.14	1
Department of Defense	1,772.90	7,353.81	414.79	1
All other Federal agencies	8,686.78	7,977.52	91.84	35

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 for 2008 and 2009. Hawaii at 1,288,198 and 1,295,178 and the United States at 304,059,724 and 307,006,550 respectively. Population as of April 1, 2010 for Hawaii at 1,360,301 and the U.S. at 308,745,538. Hawaii had 0.4 percent of the U. S. resident population 2008-2010.

3/ Revised from previous *Data Book* to reflect September 27, 2011 revisions to the U.S. Department of Health and Human Services data. The revisions are not represented in the PDF version of the publication, but are available via the On-Line Query System and downloads.

4/ The Census Bureau did not revise Tables 10, 12 or 14 so revised rankings are not readily available.

Source: U.S. Census Bureau, *Consolidated Federal Funds Report for Fiscal Year, State and County Areas* (annual), tables 10, 12 and 14 and Ibid. On-Line Query System (1993-2010) <http://www.census.gov/govs/cffr/index.html> accessed June 15, 2012; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 9.60-- DIRECT FEDERAL EXPENDITURES OR OBLIGATIONS, BY COUNTY: 2010

[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, 2010)	1,360,301	953,207	185,079	154,924	67,091	-
Total direct exp. or oblig.	20,855,223	17,392,945	1,258,859	772,374	523,662	907,383
Retirement/disability payments for individuals	4,368,434	3,218,457	581,408	374,912	193,579	78
Other direct payments for individuals	2,462,760	1,397,696	275,855	171,635	97,334	520,241
Direct payments other than for individuals	356,058	122,600	6,859	6,868	1,554	218,176
Grants (block, formula, project, & cooperative agreements)	3,025,551	2,409,312	242,374	129,200	77,935	166,731
Procurement contracts	2,744,816	2,568,145	47,551	22,960	106,161	-
Salaries and wages	7,897,604	7,676,736	104,812	66,800	47,099	2,157
Exhibit: Total direct expenditures or obligations	20,855,223	17,392,945	1,258,859	772,374	523,662	907,383
Defense	9,994,953	9,735,818	90,543	33,615	132,821	2,157
Non-defense	10,860,270	7,657,128	1,168,316	738,759	390,841	905,226
Addendum: Other federal assistance	13,444,838	8,484,937	1,078,552	2,619,264	1,095,133	166,952
Direct loans	200,495	121,044	27,774	44,850	3,827	3,000
Guaranteed/insured loans	1,370,455	904,052	128,339	154,021	144,775	39,268
Insurance	11,873,888	7,459,840	922,440	2,420,392	946,531	124,684

1/ Includes Kalawao County.

Source: U.S. Census Bureau, *Consolidated Federal Funds Report for Fiscal Year 2010, State and County Areas* (September 2011) <http://www.census.gov/govs/cffr/> and On-Line Query System <http://harvester.census.gov/cffr/> accessed September 23, 2011.

Table 9.61-- RECIPIENT REPORTED AWARDS OF THE AMERICAN RECOVERY AND REINVESTMENT ACT (ARRA) OF 2009, FOR EACH OF THE 50 STATES AND THE DISTRICT OF COLUMBIA: 2009-2012

[Cumulative data for awards and funds for February 17, 2009 to December 31, 2012 and for jobs October 1 to December 31, 2012 only. U.S. Census Bureau per capita data are as of July 1, 2010]

State/territory	Number of awards	Total funds awarded ($1,000)	Funds awarded per capita	Total funds received ($1,000)	Local amount ($1,000)	Recipient reported jobs
Total of the 50 states & D.C.	276,679	276,856,791	61,167	237,548,715	276,835,389	86,769.07
Hawaii	1,284	1,584,151	1,219	1,310,756	1,602,562	1,262.70
Hawaii as % of total	0.5	0.6	2.0	0.6	0.6	1.5
Alabama	3,700	3,684,221	779	3,275,014	3,543,904	1,206.80
Alaska	3,349	2,313,271	3,263	1,995,514	2,317,355	568.10
Arizona	6,811	7,723,127	1,157	6,731,816	7,738,011	4,071.05
Arkansas	3,406	2,338,290	803	2,084,545	2,342,821	724.64
California	22,655	34,559,352	927	28,026,354	33,648,672	11,716.08
Colorado	4,858	5,640,308	1,107	4,613,697	5,707,779	1,521.32
Connecticut	3,169	2,541,148	721	2,315,820	2,527,015	564.75
Delaware	934	958,444	1,075	799,939	975,987	390.78
District of Columbia	2,717	5,989,250	9,809	4,564,954	5,605,831	2,364.61
Florida	9,075	11,223,962	601	9,692,473	11,453,640	5,873.04
Georgia	6,598	7,010,808	708	5,919,570	6,941,991	1,634.48
Hawaii	1,284	1,584,151	1,219	1,310,756	1,602,562	1,262.70
Idaho	2,282	1,708,056	1,095	1,601,105	1,751,083	344.45
Illinois	9,787	11,936,993	922	9,079,546	11,744,133	1,936.96
Indiana	4,963	4,549,246	706	4,127,531	4,551,667	1,084.37
Iowa	3,354	2,268,349	750	2,000,780	2,213,315	594.58
Kansas	3,211	2,326,914	819	2,052,982	2,370,720	681.52
Kentucky	4,035	3,600,860	830	3,164,412	3,633,255	1,088.11
Louisiana	3,193	3,328,672	735	2,945,217	3,350,585	2,037.82
Maine	2,283	1,452,257	1,106	1,372,558	1,508,031	314.70
Maryland	6,167	7,035,232	1,226	5,604,377	7,797,263	3,667.28
Massachusetts	8,491	12,721,532	1,918	11,427,999	12,885,425	3,328.96
Michigan	8,420	8,666,551	873	7,646,275	8,841,689	1,970.82
Minnesota	5,444	4,028,862	762	3,703,942	4,113,555	771.12
Mississippi	3,319	2,763,478	933	2,360,562	2,753,246	511.74
Missouri	6,242	4,875,350	811	4,401,809	4,887,649	1,508.09
Montana	2,936	1,526,298	1,557	1,356,650	1,525,656	488.96
Nebraska	2,550	1,339,162	739	1,256,783	1,358,869	533.27
Nevada	1,396	2,892,977	1,090	2,247,635	2,889,166	1,197.23
New Hampshire	1,460	978,682	739	891,180	990,472	308.42
New Jersey	5,368	5,394,504	618	4,829,735	5,467,896	1,239.49

Continued on next page.

Table 9.61-- RECIPIENT REPORTED AWARDS OF THE AMERICAN RECOVERY AND REINVESTMENT ACT (ARRA) OF 2009, FOR EACH OF THE 50 STATES AND THE DISTRICT OF COLUMBIA: 2009-2012 -- Con.

State/territory	Number of awards	Total funds awarded ($1,000)	Funds awarded per capita	Total funds received ($1,000)	Local amount ($1,000)	Recipient reported jobs
New Mexico	3,610	2,730,162	1,342	2,488,141	2,703,045	686.97
New York	17,614	17,145,890	876	14,622,570	17,091,398	4,802.77
North Carolina	6,559	7,635,933	807	6,095,717	7,663,666	3,099.23
North Dakota	2,265	1,096,349	1,677	972,970	1,067,843	373.53
Ohio	9,473	8,750,248	759	7,691,577	8,850,106	3,272.27
Oklahoma	5,981	3,059,361	821	2,765,717	3,065,984	1,323.09
Oregon	5,054	3,270,155	848	3,011,993	3,323,339	858.32
Pennsylvania	8,430	9,312,565	737	8,380,562	9,310,666	2,154.03
Rhode Island	1,175	1,223,259	1,157	1,015,050	1,108,908	550.89
South Carolina	4,570	4,647,971	1,011	4,362,349	4,610,335	940.96
South Dakota	2,325	1,351,061	1,647	1,236,154	1,430,345	397.04
Tennessee	7,863	6,024,637	951	5,235,455	5,966,585	1,937.87
Texas	16,112	17,019,591	675	14,972,817	17,138,216	5,012.31
Utah	2,635	2,259,203	798	2,072,521	2,273,394	367.49
Vermont	2,432	1,055,770	1,696	865,072	1,062,709	280.76
Virginia	6,468	6,400,857	805	5,492,935	6,540,190	2,022.11
Washington	10,126	8,397,803	1,245	7,088,336	8,109,361	1,677.52
West Virginia	2,322	1,803,910	988	1,581,670	1,745,461	617.18
Wisconsin	6,934	4,046,495	714	3,580,776	4,068,214	814.88
Wyoming	1,274	665,260	1,215	614,801	666,381	73.61
Addendum:						
Total	278,650	280,420,365	(NA)	240,631,198	280,486,036	87,813.00
Total of the 50 states & D.C.	276,679	276,856,791	61,167	237,548,715	276,835,389	86,769.07
Territories	1,638	3,389,909	689	2,925,810	3,410,166	1,020.36
Not assigned	272	53,825	(NA)	51,857	120,936	5.90

NA Not available.

Source: Recovery Accountability and Transparency Board, "Recipient Reported Data, State/Territory Totals by Agency" (Updated June 19, 2013) <http://www.recovery.gov/Transparency/RecipientReportedData/Pages/StateTotalsByAgency.aspx> accessed July 29, 2013.

Table 9.62-- RECIPIENT REPORTED AWARDS OF THE AMERICAN RECOVERY AND REINVESTMENT ACT (ARRA) OF 2009, FOR HAWAII AND THE UNITED STATES: 2009-2012

[Cumulative data for awards and funds for February 17, 2009 to December 31, 2012 and for jobs October 1 to December 31, 2012 only. U.S. Census Bureau per capita data are as of July 1, 2010]

U.S. department or agency	Number of awards	Total funds awarded ($1,000)	Funds awarded per capita	Total funds received ($1,000)	Local amount ($1,000)	Recipient reported jobs
Total of the 50 states & D.C.	276,679	276,856,791	61,167	237,548,715	276,835,389	86,769.07
Hawaii	1,284	1,584,151	1,219	1,310,756	1,602,562	1,262.70
Army Corps of Engineers	2	700	1	700	882	-
Agriculture	19	47,920	37	14,630	48,019	4.18
Commerce	39	204,938	158	180,300	202,911	676.01
Defense (exc. mil. depts)	19	9,925	8	9,897	9,925	1.25
Air Force	109	60,789	47	38,045	60,373	39.32
Army	257	80,571	62	68,686	71,158	0.50
Navy	73	92,104	71	91,891	92,650	0.07
Education	31	359,807	277	312,132	359,807	104.43
Energy	48	67,484	52	56,984	66,158	24.78
Health & Human Serv.	170	89,613	69	76,203	95,030	70.16
Homeland Security	16	42,689	33	34,999	42,761	68.50
Housing & Urban Dev.	36	46,580	36	46,537	46,580	-
Interior	106	23,738	18	23,437	23,634	-
Justice	73	20,278	16	18,880	20,861	32.65
Labor	41	19,759	15	19,065	19,759	1.70
Transportation	54	214,035	165	176,738	214,103	138.97
Veterans Affairs	6	1,159	1	1,155	1,159	-
Envir. Prot. Agency (EPA)	25	53,278	41	52,141	53,278	-
Gen. Serv. Admin.	94	111,801	86	55,557	123,068	68.62
Nat'l Foundation on the Arts and the Humanities	4	393	-	343	419	-
Nat'l Science Foundation	57	35,304	27	31,312	48,739	31.56
Other Indep. Agencies	5	1,288	1	1,127	1,288	-

Source: Recovery Accountability and Transparency Board, "Recipient Reported Data, State/Territory Totals by Agency" (Updated June 19, 2013) <http://www.recovery.gov/Transparency/RecipientReportedData/Pages/StateTotalsByAgency.aspx> accessed July 29, 2013.

Table 9.63-- FEDERAL AID TO STATE AND LOCAL GOVERNMENT, BY SELECTED AGENCY AND PROGRAM FOR HAWAII AND THE UNITED STATES: 2009 AND 2010

[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	
	2009	2010	2009	2010
Total	2,560,081	2,519,624	552,108,118	630,169,769
Department of Agriculture	124,030	125,369	30,774,582	32,793,230
Agricultural Marketing Service	3,813	4,876	1,278,689	1,677,321
Farm Service Agency	228	274	10,329	10,345
Food Safety & Inspection Service	-	-	51,320	47,490
Food & Nutrition Service	102,566	97,832	26,984,219	28,606,161
Forest Service	1,987	2,689	603,363	752,160
National Resources Conservation Service	1,638	3,392	173,898	163,145
Rural development activities	1,921	3,679	540,937	758,791
Department of Commerce	6,589	6,840	524,135	622,521
National Oceanic and Atmospheric Admin.	1,322	3,157	228,986	203,663
Corporation for National and Community Service	1,102	889	197,438	226,544
Corporation for Public Broadcasting	-	-	154,828	164,629
Department of Defense	-167	-	674,036	651,494
U.S. Army National Guard - construction	-167	-	663,792	640,603
Department of Education	279,629	318,986	45,168,154	73,209,088
Office of English Language Acquisition	2,719	2,369	665,484	676,470
Office of Special Educ. Research & Improvement	2,929	3,789	442,452	674,869
Office of Special Educ. & Rehabilitative Services	84,497	60,429	12,535,554	19,748,605
Office of Vocational and Adult Education	9,732	8,536	1,545,060	1,784,669
Office of Elementary and Secondary Education	151,911	212,094	27,504,980	47,159,446
Impact aid	63,208	38,057	1,183,498	1,135,862
Programs for American Indians, Alaska Natives and Native Hawaiians	14,320	14,111	128,042	132,970
No Child Left Behind Act	21,475	26,288	4,794,495	5,013,719
Title 1 programs	47,982	52,596	12,452,283	18,110,464
Other	1,494	76,933	7,751,070	21,521,221
Office of Postsecondary Education	22,638	26,317	1,332,734	1,645,800
Office of Student Financial Assistance	5,203	5,452	1,141,890	1,519,229
Election Assistance Commission	-	1,075	83,915	91,414
Department of Energy	3,563	11,814	1,044,228	3,527,222
Environmental Protection Agency	27,764	49,229	3,685,307	6,914,563
Equal Employment Opportunity Commission	115	165	31,283	27,674
Department of Health and Human Services	1,355,067	1,311,727	324,765,262	348,197,405
Administration for Children and Families	261,470	276,540	51,079,406	55,815,058
Administration on Aging	8,070	9,013	1,425,912	1,488,831
Centers for Disease Control & Prevention	-	16,366	1,415,149	2,268,365
Centers for Medicare and Medicaid Services	1,015,064	932,948	256,123,741	278,041,173
Health Resources and Services Administration	49,965	56,257	6,304,790	7,315,978
Substance Abuse & Mental Health Services Admin.	20,019	20,501	3,054,665	3,117,395

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Table 9.63-- FEDERAL AID TO STATE AND LOCAL GOVERNMENT, BY SELECTED AGENCY AND PROGRAM FOR HAWAII AND THE UNITED STATES: 2009 AND 2010 -- Con.

Area	Hawaii		United States	
	2009	2010	2009	2010
Department of Homeland Security	97,926	121,871	17,954,886	19,836,875
Coast Guard	478	1,220	124,227	132,603
Domestic preparedness & anti-terrorism prog.	90,708	116,357	11,645,600	14,732,653
Federal Emergency Management Agency	6,740	4,294	6,185,059	4,791,619
Department of Housing and Urban Development	210,903	238,759	47,065,091	55,271,896
Fair housing and equal opportunity	384	345	110,958	117,830
Community planning and development	28,002	34,177	8,153,253	9,453,322
Housing programs	182,517	204,237	38,800,880	45,700,744
College housing	828	-	53,132	2,749
Housing opportunities for persons with AIDS	1,356	1,576	317,122	294,269
Native American block grant	3,957	-2,870	827,042	1,044,397
Housing for special populations	10,717	6,302	979,217	960,294
Public housing programs	154,708	188,158	33,657,756	39,422,213
Home ownership assistance	10,902	10,515	1,983,007	2,927,515
Other	49	556	983,604	1,049,307
Department of the Interior	21,301	22,022	5,904,953	6,140,676
Fish and Wildlife Service	8,314	7,862	907,990	959,517
National Park Service	1,082	829	131,189	98,169
Office of Insular Affairs	11,581	13,005	432,410	458,816
Department of Justice	22,793	14,119	3,894,654	3,845,099
Office of Asset Forfeiture	1,113	724	397,931	389,249
Office of Justice Programs	21,680	13,395	3,468,360	3,441,208
Crime victims programs	2,946	2,594	575,941	597,954
Education, research and statistics programs	269	598	127,260	110,330
Juvenile justice programs	1,349	1,228	306,560	296,339
Law Enforcement Assistance	1,192	2,485	335,288	387,916
Community oriented policing prog. (COPS)	-	-	1,125	72
Violence against women and children	564	1,616	130,343	128,751
Weed and seed	271	162	36,919	28,797
Substance abuse programs	10,540	211	1,194,038	823,008
Department of Labor	48,312	47,808	9,827,625	11,361,543
Bureau of Labor Statistics	684	733	88,528	90,110
Employment and Training Admin.	43,700	45,123	9,334,312	10,943,584
Occupational Health and Safety Admin.	3,092	1,392	235,876	155,554
Veterans Employment & Training Admin.	836	560	159,564	162,276
National Foundation on Arts & Humanities	3,730	4,385	306,740	322,715
Neighborhood Reinvestment Corporation	741	1,422	277,492	229,410
Department of Transportation	354,690	239,190	57,048,476	63,882,491
Federal Aviation Administration	78,842	32,954	3,808,316	4,015,462
Federal Highway Administration	219,301	168,771	39,788,002	43,804,373
Federal Transit Administration	53,932	34,810	11,297,997	13,041,289
Department of the Treasury	438	799	575,479	516,743
Department of Veterans Affairs	1,448	3,150	824,892	978,121

Source: U.S. Bureau of the Census, *Federal Aid to States for Fiscal Year: 2009* (August 2010), table 1 <http://www.census.gov/prod/2010pubs/fas-09.pdf> accessed August 31, 2010; and *Ibid. 2010* (September 2010), table 1 <http://www.census.gov/prod/2011pubs/fas-10.pdf> accessed September 23, 2011.

Table 9.64-- FEDERAL PROCUREMENT BY AGENCY: 2007

[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 2007, Hawaii procurement by place of performance was $2,296,763,633. Per capita procurement was $1,895.74, giving Hawaii a rank of 11 in FY 2007 and a rank of 12 in FY 2006]

Area	Total	Civilian agencies		Department of Defense	
		Small dis-advantaged business	Other	Small dis-advantaged business	Other
Total	2,272,369	41,345	100,708	409,220	1,721,097
Honolulu City & County	2,080,721	35,430	84,206	388,792	1,572,294
Hawaii County	27,848	4,419	5,528	12,735	5,167
Kauai County	144,023	777	7,295	6,112	129,839
Maui County	18,533	31	3,124	1,580	13,798
Kalawao County	1,244	689	556	-	-

Top five agencies with place of performance in Hawaii	Amount	Top five contracting offices located in Hawaii	Amount
Department of Defense	2,131,877	NavFac Engineering Command Hawaii	272,314
General Services Admin.	45,748	XU W2SN EnDIST Honolulu	245,053
Department of the Interior	36,090	FA5215 15 CONS LGC	211,021
Dept. of Homeland Security	28,192	U.S. Army W6QL ECC RCO Hawaii	206,259
Dept. of Veterans Affairs	19,910	NavFac Engineering Command Hawaii	194,704

Type of selected product or service	Total	Small business	Other than small bus.	State, local & tribal gov't	Non-profit JWOD & other
Total	2,294,574	861,008	1,355,700	5,326	72,540
Construction	763,105	225,195	535,372	5	2,533
Research and development	99,721	43,052	19,515	1,106	36,048
Services	1,029,386	421,294	572,133	4,159	31,800
Supplies and equipment	402,362	171,467	228,680	56	2,159

Source: GCE Global Computer Enterprises, Inc., Federal Procurement Data System - NG (New Generation), *Federal Procurement Report FY 2007, Section II, Geographic Views* <http://www.fpdsng.com/fpr_reports_fy_07.html> accessed October 12, 2009.

Table 9.65-- ADJUSTED FEDERAL EXPENDITURES PER DOLLAR OF TAXES, 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]

	Expenditures per dollar of taxes			Ranking	
Area	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 9.65-- 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 9.66-- 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

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Table 9.66-- 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 9.67-- 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 9.67-- 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 9.68-- PUBLIC BONDED DEBT OF STATE AND COUNTY GOVERNMENTS: 1985 TO 2011

[In millions of dollars. 1985 as of December 31 and as of June 30 1998 and beyond]

Year	Total bonded debt 1/	State debt	Total	County debt			
				Honolulu	Maui	Hawaii	Kauai
Tax Foundation of Hawaii and Hawaii state and county government							
1985	3,131.5	2,621.2	510.3	404.0	30.8	56.7	18.8
1986	3,311.7	2,720.4	591.3	456.8	47.2	69.3	18.0
1987	3,298.4	2,700.7	597.7	448.7	48.8	67.3	32.9
1988	3,382.2	2,728.8	653.4	513.6	43.1	65.1	31.6
1989	3,710.4	2,969.9	740.5	559.5	73.6	72.4	35.0
1990	4,484.4	3,394.4	1,090.0	846.3	110.5	100.0	33.2
1991	5,298.0	4,214.0	1,084.0	831.2	108.5	96.9	47.4
1992	6,170.0	4,842.4	1,327.6	1,044.0	140.2	93.5	49.9
1993	6,924.8	5,219.7	1,705.1	1,362.6	170.4	124.5	47.6
1994	6,913.5	5,015.4	1,898.1	1,544.6	185.1	119.5	49.0
1995	7,078.1	5,126.1	1,952.0	1,604.0	188.4	114.1	45.5
1996	7,098.6	5,051.3	2,047.3	1,669.8	194.3	143.5	39.8
1997	7,239.3	5,258.1	1,981.2	1,616.2	188.2	139.0	37.8
1998	7,808.0	5,773.6	2,034.4	1,639.2	223.8	133.2	38.3
1999	7,768.4	5,582.6	2,185.8	1,788.6	235.1	126.4	35.7
2000	8,023.2	5,745.2	2,278.0	1,831.6	236.8	149.3	60.4
2001	7,855.2	5,471.6	2,383.6	1,932.7	234.9	141.2	74.8
2002	8,856.6	6,072.0	2,784.6	2,312.1	246.3	155.9	70.2
2003	8,861.0	5,793.8	3,067.2	2,592.3	243.0	165.6	66.2
U.S. Census Bureau: debt outstanding							
2000	7,909.0	5,592.2	2,316.8	(NA)	(NA)	(NA)	(NA)
2001	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
2002	8,448.3	5,656.3	2,791.9	(NA)	(NA)	(NA)	(NA)
2003	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
2004	9,106.5	5,746.2	3,360.3	(NA)	(NA)	(NA)	(NA)
2005	9,292.1	5,844.3	3,447.8	(NA)	(NA)	(NA)	(NA)
2006	9,504.0	5,791.8	3,712.2	(NA)	(NA)	(NA)	(NA)
2007	10,431.5	6,242.4	4,189.1	(NA)	(NA)	(NA)	(NA)
2008	10,733.6	6,296.5	4,437.1	(NA)	(NA)	(NA)	(NA)
2009	11,495.0	6,880.2	4,614.7	(NA)	(NA)	(NA)	(NA)
2010	12,634.4	7,700.7	4,933.8	(NA)	(NA)	(NA)	(NA)
2011	13,377.0	7,912.8	5,464.2	(NA)	(NA)	(NA)	(NA)

NA Not available.

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/ There are no by-state statistics or state-area statistics available for 2000-01 nor 2002-03.

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); and U.S. Census Bureau State and Local Government Finances (annual) <http://www.census.gov/govs/local/> accessed July 27, 2013.

Table 9.69-- STATE GENERAL OBLIGATION BOND DEBT: 1990 TO 2012

[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)
2008	(NA)	4,408,572	(NA)	(NA)
2009	(NA)	4,779,666	(NA)	(NA)
2010	(NA)	5,157,198	(NA)	(NA)
2011	(NA)	4,987,544	(NA)	(NA)
2012	(NA)	5,475,348	(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 thereafter) <http://ags.hawaii.gov/wp-content/uploads/2012/09/soh-cafr-20120630.pdf> accessed January 29, 2013.

Table 9.70-- GOVERNMENT WORKERS, BY LEVEL OF GOVERNMENT, CIVIL SERVICE STATUS, AND MEMBERSHIP IN STATE RETIREMENT SYSTEM: 1940 TO 2012

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	121,250	31,850	71,950	17,450	(NA)	69,233
2007	122,100	31,750	72,400	17,950	(NA)	70,805
2008	125,000	32,200	74,300	18,550	(NA)	72,436
2009	125,700	33,300	73,700	18,650	(NA)	73,928
2010	125,200	34,800	71,700	18,700	(NA)	72,785
2011 6/	125,100	34,900	71,700	18,500	(NA)	71,959
2012 6/	126,300	34,900	72,900	18,500	(NA)	72,508

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/ 'Government jobs' benchmarked by Hawaii Department of Labor & Industrial Relations in March 2013.

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 1990-2012 Job Count by Industry <http://www.hiwi.org/gsipub/index.asp?docid=421> accessed accessed April 16, 2013; Hawaii State Department of Human Resources Development, records; Employees' Retirement System of the State of Hawaii, *Comprehensive Annual Financial Report* (annual), records, and Ibid. *Report to Board of Trustees on the 86th Annual Actuarial Valuation for the Year Beginning June 30* (annual beginning 2011) (p. 48) <http://ers.ehawaii.gov/resources/financials> accessed April 16, 2013.

Table 9.71-- FEDERAL GOVERNMENT EMPLOYMENT, BY AGENCY: 2007 to 2012

[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	2007	2008	2009	2010	2011	2012
TOTAL	21,899	23,003	24,013	25,354	25,628	25,671
Cabinet-level	21,622	22,712	23,719	25,056	25,341	25,379
Agriculture	845	827	817	828	795	781
Commerce	378	368	396	432	438	442
Defense	16,186	17,009	17,966	19,081	19,388	19,375
Air Force	1,935	2,020	2,128	2,209	1,839	1,806
Army	4,499	4,874	5,308	5,806	5,870	5,806
Other Defense	934	978	1,042	1,112	1,078	1,085
Navy/Marine Corps	8,818	9,137	9,488	9,954	10,601	10,678
Justice	294	297	298	297	293	294
U.S. Marshall's Service	25	25	24	26	24	27
Prisons	195	193	194	192	198	198
U.S. Attorney	65	70	71	68	59	59
Labor	26	25	28	31	32	31
Energy	1	1	1	1	2	2
Education	-	-	-	-	-	-
Health & Human Services	152	151	158	164	176	175
Homeland Security 1/	1,933	2,079	1,966	1,979	1,980	1,971
U.S. Coast Guard	134	133	144	143	148	147
Immig. & Customs Enf.	74	76	82	82	90	88
Customs & Border Prot.	346	341	332	324	315	308
Trans. Security Admin.	1,302	1,453	1,328	1,337	1,324	1,333
FEMA	41	40	43	55	65	55
Housing & Urban Dev.	27	29	30	29	28	26
Interior	581	643	657	713	714	723
National Park Service	351	407	419	462	461	476
State	16	20	18	18	18	18
Transportation	355	395	412	418	407	413
Fed. Aviation Admin.	339	380	396	399	388	395
Fed. Highways Admin.	13	12	13	16	16	15
Treasury	151	144	157	163	153	143
Internal Revenue Service	148	141	155	161	151	141
Veterans Affairs	677	724	815	902	917	985
Veterans Benefits Admin.	80	80	83	88	80	86
National Cemetery Admin.	23	22	27	26	27	26
Veterans Health Admin.	553	601	683	764	783	847
Independent agencies 2/	277	291	294	298	287	292
Large	264	275	286	291	280	285
General Services Admin.	51	51	54	53	47	44
Social Security Admin.	108	119	125	133	136	131
Medium	13	16	8	7	7	7
Small	-	-	-	-	-	-

1/ New agency as of November 25, 2002.

2/ Large is 1,000 or more; Medium is 100 to 999; and Small is fewer than 100 employees.

Source: U.S. Office of Personnel Management, FedScope <http://www.fedscope.opm.gov/employment_access.asp> accessed January 29, 2013.

Table 9.72-- STATE AND LOCAL GOVERNMENT EMPLOYMENT AND PAYROLL, BY FUNCTION: MARCH 2009

[In number of jobs and thousands of dollars. Revised from previous *Data Book*]

Government function	Employment				Payroll			Part-time hours paid (March)
	Total	Full-time	Part-time	Full-time equivalent	Total March	Full-time employees	Part-time employees	
Total	92,040	70,074	21,966	75,669	329,077	307,646	21,431	991,665
Financial administration	1,674	1,629	45	1,651	6,999	6,950	49	3,848
Other government administration	1,885	1,687	198	1,777	8,101	7,699	403	16,334
Judicial and legal	3,149	3,093	56	3,113	14,619	14,521	98	3,536
Police protection total	4,067	3,877	190	3,933	21,788	21,630	158	10,058
Police officers only	3,088	3,058	30	3,065	18,334	18,316	18	1,306
Other police employees	979	819	160	868	3,455	3,314	140	8,752
Fire protection total	1,864	1,860	4	1,862	10,781	10,770	11	356
Firefighters only	1,760	1,760	-	1,760	10,366	10,366	-	-
Other fire employees	104	100	4	102	415	404	11	356
Corrections	2,460	2,448	12	2,453	10,985	10,934	51	906
Highways	1,811	1,798	13	1,804	8,002	7,986	15	940
Air transportation	966	954	12	959	3,671	3,655	16	916
Water transport and terminals	210	210	-	210	884	884	-	-
Public welfare	849	777	72	801	3,056	3,008	48	4,244
Health	2,659	2,579	80	2,627	12,675	12,435	239	8,540
Hospitals	4,702	4,120	582	4,387	21,332	19,755	1,577	47,640
Social insurance administration	290	263	27	275	1,147	1,087	60	2,184
Solid waste management	608	606	2	607	2,897	2,896	1	102
Sewerage	743	737	6	739	3,449	3,444	5	342
Parks and recreation	3,275	1,905	1,370	2,139	7,400	6,836	564	41,550
Housing and community dev't	510	424	86	471	1,840	1,711	129	8,250

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Table 9.72-- STATE AND LOCAL GOVERNMENT EMPLOYMENT AND PAYROLL, BY FUNCTION: MARCH 2009 -- Con.

Government function	Employment				Payroll			Part-time hours paid (March)
	Total	Full-time	Part-time	Full-time equivalent	Total March	Full-time employees	Part-time employees	
Natural resources	1,458	1,163	295	1,261	5,603	5,313	290	17,483
Water supply	1,004	995	9	996	4,722	4,711	11	218
Transit	82	55	27	80	229	194	35	4,362
Education total	51,650	33,138	18,512	37,629	154,380	137,041	17,339	795,036
Elem. & secondary educ. total	37,791	25,745	12,046	28,215	106,924	97,569	9,355	437,228
Elem. & sec. instructional emp.	27,042	18,018	9,024	20,015	88,471	80,389	8,082	353,422
Elem. & sec other employees	10,749	7,727	3,022	8,200	18,453	17,180	1,273	83,806
Higher education total	13,711	7,248	6,463	9,268	46,863	38,886	7,978	357,568
Higher educ. instructional emp.	3,945	2,621	1,324	3,336	22,717	18,603	4,114	126,574
Higher ed other employees	9,766	4,627	5,139	5,932	24,146	20,282	3,864	230,994
Other education	148	145	3	146	592	586	6	240
Local libraries	737	469	268	567	1,899	1,695	205	17,368
All other and unallocable	5,387	5,287	100	5,328	22,619	22,490	129	7,452

Source: U.S. Census Bureau, "State and Local Government Employment and Payroll Data, By State and By Function: March 2009" (revised January 2012) <http://www2.census.gov/govs/apes/09stlall.xls> accessed July 22, 2013.

Table 9.73-- STATE AND LOCAL GOVERNMENT EMPLOYMENT AND PAYROLL, BY FUNCTION: MARCH 2010

[In number of jobs and thousands of dollars. The Census Bureau revised in January 2012 but Hawaii data were not affected]

Government function	Employment				Payroll			Part-time hours paid (March)
	Total	Full-time	Part-time	Full-time equivalent	Total March	Full-time employees	Part-time employees	
Total	89,569	68,187	21,382	73,200	304,525	285,091	19,434	887,390
Financial administration	1,558	1,547	11	1,552	6,217	6,192	25	784
Other government administration	1,887	1,680	207	1,754	7,669	7,240	429	13,059
Judicial and legal	3,061	3,005	56	3,025	13,196	13,091	104	3,616
Police protection total	4,005	3,847	158	3,897	23,976	23,878	98	8,852
Police officers only	2,963	2,963	-	2,963	19,984	19,984	-	-
Other police employees	1,042	884	158	934	3,992	3,894	98	8,852
Fire protection total	1,938	1,920	18	1,932	11,209	11,167	42	2,052
Firefighters only	1,774	1,774	-	1,774	10,412	10,412	-	-
Other fire employees	164	146	18	158	797	755	42	2,052
Corrections	2,384	2,372	12	2,377	9,514	9,475	39	886
Highways	1,933	1,906	27	1,919	7,897	7,851	47	2,308
Air transportation	951	940	11	945	3,555	3,540	15	836
Water transport and terminals	203	203	-	203	783	783	-	-
Public welfare	687	625	62	644	2,301	2,261	40	3,340
Health	2,348	2,283	65	2,313	10,491	10,301	190	5,326
Hospitals	4,646	4,073	573	4,297	19,580	18,252	1,328	39,575
Social insurance administration	345	317	28	330	1,258	1,201	57	2,236
Solid waste management	610	610	-	610	2,852	2,852	-	-
Sewerage	587	583	4	585	2,658	2,653	5	286
Parks and recreation	3,219	1,926	1,293	2,134	7,375	6,832	543	36,922
Housing and community dev't	307	287	20	294	1,157	1,131	26	1,290

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Table 9.73-- STATE AND LOCAL GOVERNMENT EMPLOYMENT AND PAYROLL, BY FUNCTION: MARCH 2010 -- Con.

Government function	Employment				Payroll			Part-time hours paid (March)
	Total	Full-time	Part-time	Full-time equivalent	Total March	Full-time employees	Part-time employees	
Natural resources	1,314	1,020	294	1,118	4,797	4,492	305	17,464
Water supply	982	977	5	978	4,573	4,565	8	160
Transit	81	55	26	78	234	194	40	4,116
Education total	51,310	33,124	18,186	37,211	143,796	127,975	15,821	723,356
Elem. & secondary educ. total	36,807	25,099	11,708	27,399	94,415	85,167	9,249	407,124
Elem. & sec. instructional emp.	26,677	17,762	8,915	19,651	77,962	69,881	8,081	334,390
Elem. & sec other employees	10,130	7,337	2,793	7,748	16,453	15,286	1,167	72,734
Higher education total	14,382	7,906	6,476	9,692	48,911	42,343	6,568	316,072
Higher educ. instructional emp.	4,887	3,545	1,342	4,096	26,634	23,771	2,864	97,494
Higher ed other employees	9,495	4,361	5,134	5,596	22,277	18,572	3,704	218,578
Other education	121	119	2	120	470	465	5	160
Local libraries	700	490	210	557	1,612	1,484	128	11,938
All other and unallocable	4,513	4,397	116	4,447	17,827	17,682	145	8,988

Source: U.S. Census Bureau, "State and Local Government Employment and Payroll Data, By State and By Function: March 2010" <http://www2.census.gov/govs/apes/10stlall.xls> accessed July 22, 2013.

Table 9.74-- STATE AND LOCAL GOVERNMENT EMPLOYMENT AND PAYROLL, BY FUNCTION: MARCH 2011

[In number of jobs and thousands of dollars]

Government function	Employment				Payroll			Part-time hours paid (March)
	Total	Full-time	Part-time	Full-time equivalent	Total March	Full-time employees	Part-time employees	
Total	89,409	68,698	20,711	73,669	307,034	290,138	16,896	849,496
Financial administration	1,678	1,665	13	1,671	6,394	6,367	27	1,006
Other government administration	2,029	1,802	227	1,901	7,894	7,493	401	17,414
Judicial and legal	3,039	2,978	61	2,997	12,903	12,794	109	3,334
Police protection total	3,992	3,836	156	3,871	23,195	23,121	74	6,264
Police officers only	2,988	2,988	-	2,988	19,976	19,976	-	-
Other police employees	1,004	848	156	883	3,220	3,146	74	6,264
Fire protection total	1,914	1,895	19	1,908	11,991	11,946	45	2,368
Firefighters only	1,786	1,786	-	1,786	11,541	11,541	-	-
Other fire employees	128	109	19	122	450	405	45	2,368
Corrections	2,306	2,296	10	2,300	9,397	9,357	39	718
Highways	1,887	1,858	29	1,871	7,447	7,409	38	2,360
Air transportation	930	921	9	925	3,598	3,584	13	684
Water transport and terminals	199	199	-	199	734	734	-	-
Public welfare	621	535	86	563	2,078	2,005	73	5,006
Health	2,241	2,183	58	2,210	9,984	9,818	166	4,876
Hospitals	4,957	4,270	687	4,560	20,574	18,804	1,770	51,081
Social insurance administration	319	294	25	305	1,107	1,065	43	1,998
Solid waste management	635	635	-	635	2,907	2,907	-	-
Sewerage	726	724	2	725	3,220	3,219	1	100
Parks and recreation	3,307	1,958	1,349	2,229	7,324	6,652	672	48,008
Housing and community dev't	321	276	45	299	1,097	1,053	44	4,066

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Table 9.74-- STATE AND LOCAL GOVERNMENT EMPLOYMENT AND PAYROLL, BY FUNCTION: MARCH 2011 -- Con.

Government function	Employment				Payroll			Part-time hours paid (March)
	Total	Full-time	Part-time	Full-time equivalent	Total March	Full-time employees	Part-time employees	
Natural resources	1,269	975	294	1,067	4,574	4,283	291	16,349
Water supply	963	960	3	962	4,739	4,727	13	282
Transit	87	65	22	86	282	241	41	3,714
Education total	50,938	33,624	17,314	37,499	146,676	133,950	12,726	655,690
Elem. & secondary educ. total	36,781	24,672	12,109	27,419	99,099	90,186	8,913	456,014
Elem. & sec. instructional emp.	27,298	17,404	9,894	19,711	82,984	74,871	8,113	383,022
Elem. & sec other employees	9,483	7,268	2,215	7,708	16,115	15,315	800	72,992
Higher education total	14,041	8,838	5,203	9,965	47,122	43,313	3,808	199,516
Higher educ. instructional emp.	4,363	3,708	655	3,859	25,080	24,275	805	26,734
Higher ed other employees	9,678	5,130	4,548	6,106	22,041	19,038	3,003	172,782
Other education	116	114	2	115	456	451	5	160
Local libraries	689	469	220	567	1,826	1,608	218	17,392
All other and unallocable	4,362	4,280	82	4,318	17,093	17,001	92	6,786

Source: U.S. Census Bureau, "State and Local Government Employment and Payroll Data, By State and By Function: March 2011" <http://www2.census.gov/govs/apes/11stlall.xls> accessed July 23, 2013.

Table 9.75-- STATE GOVERNMENT EMPLOYMENT AND PAYROLL, BY FUNCTION: MARCH 2009

[In number of jobs and thousands of dollars. Cenusus Bureau revised in January 2012 but no Hawaii data were affected]

Government function	Employment				Payroll			Part-time hours paid (March)
	Total	Full-time	Part-time	Full-time equivalent	Total March	Full-time employees	Part-time employees	
Total	75,482	54,852	20,630	60,041	253,441	233,046	20,396	919,838
Financial administration	749	745	4	747	3,012	3,003	8	356
Other government administration	841	690	151	765	3,173	2,820	353	13,614
Judicial and legal	2,569	2,520	49	2,536	11,611	11,522	89	2,888
Corrections	2,460	2,448	12	2,453	10,985	10,934	51	906
Highways	889	883	6	886	4,140	4,134	6	468
Air transportation	966	954	12	959	3,671	3,655	16	916
Water transport and terminals	210	210	-	210	884	884	-	-
Public welfare	674	635	39	652	2,557	2,532	25	2,972
Health	2,422	2,353	69	2,398	11,153	10,931	222	7,932
Hospitals	4,702	4,120	582	4,387	21,332	19,755	1,577	47,640
Social insurance administration	290	263	27	275	1,147	1,087	60	2,184
Parks and recreation	692	145	547	180	624	536	88	6,276
Natural resources	1,439	1,150	289	1,246	5,552	5,268	284	17,130
Elem & sec instructional empl.	27,042	18,018	9,024	20,015	88,471	80,389	8,082	353,422
Elem & sec other employees	10,749	7,727	3,022	8,200	18,453	17,180	1,273	83,806
Higher ed instructional empl.	3,945	2,621	1,324	3,336	22,717	18,603	4,114	126,574
Higher ed other employees	9,766	4,627	5,139	5,932	24,146	20,282	3,864	230,994
Other education	148	145	3	146	592	586	6	240
Local libraries	734	466	268	564	1,886	1,681	205	17,368
All other and unallocable	4,195	4,132	63	4,154	17,337	17,263	74	4,152

Source: U.S. Census Bureau, "State Government Employment and Payroll Data: March 2009" (January, 2012) <http://www2.census.gov/govs/apes/09stall.xls> accessed July 22, 2013.

Table 9.76-- STATE GOVERNMENT EMPLOYMENT AND PAYROLL, BY FUNCTION: MARCH 2010

[In number of jobs and thousands of dollars. The Census Bureau revised in January 2012 but Hawaii data were not affected]

Government function	Employment				Payroll			Part-time hours paid (March)
	Total	Full-time	Part-time	Full-time equivalent	Total March	Full-time employees	Part-time employees	
Total	73,634	53,439	20,195	58,121	229,207	210,692	18,516	828,576
Financial administration	706	703	3	705	2,441	2,434	7	276
Other government administration	884	710	174	771	2,989	2,618	372	10,831
Judicial and legal	2,486	2,439	47	2,454	10,221	10,132	89	2,650
Corrections	2,384	2,372	12	2,377	9,514	9,475	39	886
Highways	860	849	11	854	3,487	3,476	11	858
Air transportation	951	940	11	945	3,555	3,540	15	836
Water transport and terminals	203	203	-	203	783	783	-	-
Public welfare	507	475	32	489	1,801	1,779	22	2,440
Health	2,105	2,051	54	2,078	8,989	8,819	170	4,728
Hospitals	4,646	4,073	573	4,297	19,580	18,252	1,328	39,575
Social insurance administration	345	317	28	330	1,258	1,201	57	2,236
Parks and recreation	649	141	508	175	572	475	97	6,076
Natural resources	1,281	1,002	279	1,094	4,706	4,417	289	16,342
Elem & sec instructional empl.	26,677	17,762	8,915	19,651	77,962	69,881	8,081	334,390
Elem & sec other employees	10,130	7,337	2,793	7,748	16,453	15,286	1,167	72,734
Higher ed instructional empl.	4,887	3,545	1,342	4,096	26,634	23,771	2,864	97,494
Higher ed other employees	9,495	4,361	5,134	5,596	22,277	18,572	3,704	218,578
Other education	121	119	2	120	470	465	5	160
Local libraries	698	488	210	555	1,604	1,476	128	11,938
All other and unallocable	3,619	3,552	67	3,583	13,912	13,840	73	5,548

Source: U.S. Census Bureau, "State Government Employment and Payroll Data: March 2010" (January 2012) <http://www2.census.gov/govs/apes/10stall.xls> accessed July 22, 2013.

Table 9.77-- STATE GOVERNMENT EMPLOYMENT AND PAYROLL, BY FUNCTION: MARCH 2011

[In number of jobs and thousands of dollars. Census Bureau released on August 30, 2012, and revised in Spring 2013 but Hawaii data not affected]

Government function	Employment				Payroll			Part-time hours paid (March)
	Total	Full-time	Part-time	Full-time equivalent	Total March	Full-time employees	Part-time employees	
Total	72,983	53,574	19,409	58,142	231,411	215,573	15,838	778,187
Financial administration	675	673	2	674	2,468	2,464	4	198
Other government administration	869	702	167	784	2,988	2,655	333	14,350
Judicial and legal	2,472	2,422	50	2,435	10,169	10,078	91	2,316
Corrections	2,306	2,296	10	2,300	9,397	9,357	39	718
Highways	849	831	18	839	3,473	3,460	12	1,406
Air transportation	930	921	9	925	3,598	3,584	13	684
Water transport and terminals	199	199	-	199	734	734	-	-
Public welfare	456	426	30	439	1,610	1,593	17	2,288
Health	1,989	1,943	46	1,965	8,455	8,318	137	3,928
Hospitals	4,957	4,270	687	4,560	20,574	18,804	1,770	51,081
Social insurance administration	319	294	25	305	1,107	1,065	43	1,998
Parks and recreation	633	136	497	171	563	467	96	6,192
Natural resources	1,238	961	277	1,047	4,537	4,259	278	15,344
Elem & sec instructional empl.	27,298	17,404	9,894	19,711	82,984	74,871	8,113	383,022
Elem & sec other employees	9,483	7,268	2,215	7,708	16,115	15,315	800	72,992
Higher ed instructional empl.	4,363	3,708	655	3,859	25,080	24,275	805	26,734
Higher ed other employees	9,678	5,130	4,548	6,106	22,041	19,038	3,003	172,782
Other education	116	114	2	115	456	451	5	160
Local libraries	686	466	220	564	1,813	1,595	218	17,392
All other and unallocable	3,467	3,410	57	3,436	13,249	13,191	58	4,602

Source: U.S. Census Bureau, "State Government Employment and Payroll Data: March 2011" (August 30, 2012) <http://www2.census.gov/govs/apes/11stall.xls> accessed July 22, 2013.

Table 9.78-- LOCAL GOVERNMENT EMPLOYMENT AND PAYROLL, BY FUNCTION: MARCH 2009

[In number of jobs and thousands of dollars. Revised from previous *Data Book*]

Government function	Employment				Payroll			Part-time hours paid (March)
	Total	Full-time	Part-time	Full-time equivalent	Total March	Full-time employees	Part-time employees	
Total	16,558	15,222	1,336	15,628	75,635	74,600	1,035	71,827
Financial administration	925	884	41	904	3,988	3,947	41	3,492
Other government administration	1,044	997	47	1,012	4,928	4,879	50	2,720
Judicial and legal	580	573	7	577	3,008	2,999	9	648
Police protection total	4,067	3,877	190	3,933	21,788	21,630	158	10,058
Police officers only	3,088	3,058	30	3,065	18,334	18,316	18	1,306
Other police employees	979	819	160	868	3,455	3,314	140	8,752
Fire protection total	1,864	1,860	4	1,862	10,781	10,770	11	356
Firefighters only	1,760	1,760	-	1,760	10,366	10,366	-	-
Other fire employees	104	100	4	102	415	404	11	356
Highways	922	915	7	918	3,862	3,853	9	472
Public welfare	175	142	33	149	499	476	23	1,272
Health	237	226	11	229	1,522	1,504	17	608
Solid waste management	608	606	2	607	2,897	2,896	1	102
Sewerage	743	737	6	739	3,449	3,444	5	342
Parks and recreation	2,583	1,760	823	1,959	6,776	6,300	476	35,274
Housing and community dev't	510	424	86	471	1,840	1,711	129	8,250
Natural resources	19	13	6	15	51	46	6	353
Water supply	1,004	995	9	996	4,722	4,711	11	218
Transit	82	55	27	80	229	194	35	4,362
Local libraries	3	3	-	3	14	14	-	-
All other and unallocable	1,192	1,155	37	1,174	5,282	5,227	55	3,300

Source: U.S. Census Bureau, "Local Government Employment and Payroll Data, By State and By Function: March 2009" (revised January 2012) <http://www2.census.gov/govs/apes/09locall.xls> accessed July 23, 2013.

Table 9.79-- LOCAL GOVERNMENT EMPLOYMENT AND PAYROLL, BY FUNCTION: MARCH 2010

[In number of jobs and thousands of dollars. The Census Bureau revised in January 2012 but Hawaii data were not affected]

Government function	Employment				Payroll			Part-time hours paid (March)
	Total	Full-time	Part-time	Full-time equivalent	Total March	Full-time employees	Part-time employees	
Total	15,935	14,748	1,187	15,079	75,318	74,399	918	58,814
Financial administration	852	844	8	847	3,776	3,758	18	508
Other government administration	1,003	970	33	983	4,680	4,623	57	2,228
Judicial and legal	575	566	9	571	2,974	2,959	15	966
Police protection total	4,005	3,847	158	3,897	23,976	23,878	98	8,852
Police officers only	2,963	2,963	-	2,963	19,984	19,984	-	-
Other police employees	1,042	884	158	934	3,992	3,894	98	8,852
Fire protection total	1,938	1,920	18	1,932	11,209	11,167	42	2,052
Firefighters only	1,774	1,774	-	1,774	10,412	10,412	-	-
Other fire employees	164	146	18	158	797	755	42	2,052
Highways	1,073	1,057	16	1,065	4,410	4,374	36	1,450
Public welfare	180	150	30	155	500	482	18	900
Health	243	232	11	235	1,503	1,482	21	598
Solid waste management	610	610	-	610	2,852	2,852	-	-
Sewerage	587	583	4	585	2,658	2,653	5	286
Parks and recreation	2,570	1,785	785	1,959	6,803	6,357	446	30,846
Housing and community dev't	307	287	20	294	1,157	1,131	26	1,290
Natural resources	33	18	15	24	90	74	16	1,122
Water supply	982	977	5	978	4,573	4,565	8	160
Transit	81	55	26	78	234	194	40	4,116
Local libraries	2	2	-	2	8	8	-	-
All other and unallocable	894	845	49	864	3,915	3,843	72	3,440

Source: U.S. Census Bureau, "Local Government Employment and Payroll Data, By State and By Function: March 2010" (revised January 2012) <http://www2.census.gov/govs/apes/10locall.xls> accessed July 23, 2013.

Table 9.80-- LOCAL GOVERNMENT EMPLOYMENT AND PAYROLL, BY FUNCTION: MARCH 2011

[In number of jobs and thousands of dollars. The Census Bureau revised on March 28, 2013 but Hawaii data not affected]

Government function	Employment				Payroll			Part-time hours paid (March)
	Total	Full-time	Part-time	Full-time equivalent	Total March	Full-time employees	Part-time employees	
Total	16,426	15,124	1,302	15,527	75,623	74,565	1,058	71,309
Financial administration	1,003	992	11	997	3,925	3,903	22	808
Other government administration	1,160	1,100	60	1,117	4,906	4,839	68	3,064
Judicial and legal	567	556	11	562	2,734	2,716	18	1,018
Police protection total	3,992	3,836	156	3,871	23,195	23,121	74	6,264
Police officers only	2,988	2,988	-	2,988	19,976	19,976	-	-
Other police employees	1,004	848	156	883	3,220	3,146	74	6,264
Fire protection total	1,914	1,895	19	1,908	11,991	11,946	45	2,368
Firefighters only	1,786	1,786	-	1,786	11,541	11,541	-	-
Other fire employees	128	109	19	122	450	405	45	2,368
Highways	1,038	1,027	11	1,032	3,974	3,949	25	954
Public welfare	165	109	56	124	469	413	56	2,718
Health	252	240	12	245	1,529	1,501	28	948
Solid waste management	635	635	-	635	2,907	2,907	-	-
Sewerage	726	724	2	725	3,220	3,219	1	100
Parks and recreation	2,674	1,822	852	2,058	6,761	6,185	576	41,816
Housing and community dev't	321	276	45	299	1,097	1,053	44	4,066
Natural resources	31	14	17	20	37	24	14	1,005
Water supply	963	960	3	962	4,739	4,727	13	282
Transit	87	65	22	86	282	241	41	3,714
Local libraries	3	3	-	3	13	13	-	-
All other and unallocable	895	870	25	882	3,843	3,810	34	2,184

Source: U.S. Census Bureau, "Local Government Employment and Payroll Data, By State and By Function: March 2011" (August 23, 2012) <http://www2.census.gov/govs/apes/11locall.xls> accessed July 23, 2013.

Table 9.81-- PUBLIC EMPLOYEES INCLUDED IN COLLECTIVE BARGAINING UNITS: 2011

[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	59,516	12,105	7,884	2,171	2,110	1,024	21,551	1,587	7,335	3,749
1	Blue-collar nonsupervisors	8,338	1,790	1,727	521	563	358	2,290	104	481	504
2	Blue-collar supervisors	803	172	220	51	41	14	262	2	12	29
3	White-collar nonsupervisors	13,588	3,657	1,706	577	615	254	4,455	832	760	732
4	White-collar supervisors	843	253	140	38	31	17	268	52	20	24
5	Teachers & other personnel 2/	12,453	-	-	-	-	-	12,453	-	-	-
6	Educational officers 3/	797	-	-	-	-	-	797	-	-	-
7	Faculty of the University of Hawaii and the community college system	3,881	-	-	-	-	-	-	-	3,881	-
8	Personnel of the University of Hawaii and the community college system, other than faculty	2,170	-	-	-	-	-	-	-	2,170	-
9	Registered prof. nurses	1,482	375	-	-	-	-	2	3	9	1,093
10	Institutional, health and correctional workers	2,813	1,517	143	-	-	-	28	46	2	1,077
11	Firefighters	1,878	137	1,006	322	280	133	-	-	-	-
12	Police officers	2,802	-	1,963	393	327	119	-	-	-	-
13	Prof. & scientific employees 4/	7,668	4,204	979	269	253	129	996	548	-	290

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. 50* (April 9, 2012) <http://labor.hawaii.gov/hlrb/find-a-report/> accessed July 13, 2013.

Table 9.82-- PUBLIC EMPLOYEES INCLUDED IN COLLECTIVE BARGAINING UNITS: 2012

[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	60,030	12,458	7,804	2,186	2,068	1,140	21,456	1,575	7,472	3,871
1	Blue-collar nonsupervisors	8,364	1,874	1,780	527	555	352	2,186	101	480	509
2	Blue-collar supervisors	783	173	207	52	44	14	250	1	12	30
3	White-collar nonsupervisors	13,457	3,748	1,617	587	586	296	4,314	828	712	769
4	White-collar supervisors	845	268	132	37	32	23	260	48	22	23
5	Teachers & other personnel 2/	12,616	-	-	-	-	-	12,616	-	-	-
6	Educational officers 3/	790	-	-	-	-	-	790	-	-	-
7	Faculty of the University of Hawaii and the community college system	3,955	-	-	-	-	-	-	-	3,955	-
8	Personnel of the University of Hawaii and the community college system, other than faculty	2,280	-	-	-	-	-	-	-	2,280	-
9	Registered prof. nurses	1,540	381	-	-	-	-	2	3	9	1,145
10	Institutional, health and correctional workers	2,953	1,564	224	-	-	-	26	48	2	1,089
11	Firefighters	1,929	171	1,024	320	281	133	-	-	-	-
12	Police officers	2,785	-	1,935	397	319	134	-	-	-	-
13	Prof. & scientific employees 4/	7,733	4,279	885	266	251	188	1,012	546	-	306

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. 51* (April 30, 2013) <http://labor.hawaii.gov/hlrb/find-a-report/> accessed July 13, 2013.

Table 9.83-- 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	73,118	73,118	73,118	80,000	80,000	80,000
Chief Justice, Supreme Court 4/	116,779	116,779	116,779	116,779	116,779	116,779
Assoc. Justice, Supreme Court 4/	115,547	115,547	115,547	115,547	115,547	115,547
President, University of Hawaii 5/	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/ 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.

5/ 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. Dobelle 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: 2012* 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 2012

[As of June 30 for 1953 to 1956; as of September 30 for 1957 and thereafter. 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	1983	44,651	17,466	12,671	7,926	6,588
1954	23,654	7,957	6,443	4,155	5,099	1984	47,648	19,222	12,960	8,703	6,763
1955	40,258	19,821	5,211	9,677	5,549	1985	46,875	18,262	12,722	9,192	6,699
1956	37,470	16,531	5,237	9,490	6,212	1986	46,122	18,153	12,938	8,752	6,279
1957	40,683	17,511	5,466	9,608	8,098	1987	47,262	18,905	12,975	9,263	6,119
1958	35,076	14,672	4,908	8,670	6,826	1988	45,843	18,170	12,479	9,365	5,829
1959	36,310	15,438	5,309	8,470	7,093	1989	45,935	18,788	12,403	9,179	5,565
1960	35,412	15,492	5,687	7,756	6,477	1990	41,887	18,590	12,289	5,618	5,390
1961	39,474	16,945	5,774	9,679	7,076	1991	44,092	18,173	12,040	8,571	5,308
1962	41,657	17,645	6,664	9,903	7,445	1992	44,864	18,666	12,321	8,945	4,932
1963	40,610	16,589	6,545	9,950	7,526	1993	42,958	18,831	11,272	8,147	4,708
1964	45,046	18,566	6,777	10,613	9,090	1994	42,161	19,485	11,510	6,484	4,682
1965	41,984	20,006	6,700	6,154	9,124	1995	38,172	16,672	10,738	6,198	4,564
1966	30,136	8,712	6,251	4,485	10,688	1996	36,392	15,225	10,643	5,953	4,571
1967	34,338	10,923	7,041	5,277	11,097	1997	34,826	15,249	9,840	6,123	3,614
1968	42,332	10,871	14,961	5,509	10,991	1998	34,643	15,133	7,882	7,081	4,547
1969	43,018	12,918	12,652	6,361	11,087	1999	32,708	14,692	7,397	6,136	4,483
1970	38,397	9,639	11,996	7,189	9,573	2000	33,930	15,483	7,998	5,960	4,489
1971	34,515	9,738	10,392	5,319	9,066	2001	34,322	15,709	8,349	5,821	4,443
1972	39,150	13,093	10,752	6,803	8,502	2002	34,608	15,985	8,654	5,680	4,289
1973	43,809	17,336	10,729	7,695	8,049	2003	34,203	15,985	8,381	5,161	4,676
1974	42,204	17,581	10,072	7,192	7,359	2004	35,061	17,068	7,694	5,541	4,758
1975	43,071	17,312	10,852	8,403	6,504	2005	32,629	15,458	6,524	5,796	4,851
1976	43,903	18,037	10,531	9,174	6,161	2006	34,935	18,687	6,080	5,050	5,118
1977	42,835	17,476	9,647	9,783	5,929	2007	34,838	19,867	5,595	4,483	4,893
1978	43,907	18,711	10,458	8,796	5,942	2008	37,847	21,554	5,320	6,306	4,667
1979	45,408	17,446	10,562	11,397	6,003	2009	36,890	21,267	5,472	5,574	4,577
1980	43,313	17,118	10,976	9,277	5,942	2010	38,755	22,186	5,402	6,532	4,635
1981	44,141	17,962	10,948	9,070	6,161	2011	42,371	22,895	8,630	5,905	4,941
1982	44,470	17,457	11,880	8,926	6,207	2012	49,110	22,546	15,066	6,385	5,113

1/ Exclude personnel afloat or temporary shore-based, but include deployed for Operations Iraqi Freedom, Enduring Freedom, and New Dawn.

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 29, 2013.

Table 10.04-- DEPARTMENT OF DEFENSE PERSONNEL AND DEPENDENTS: 1989 TO 2012

[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	(3/)	34,935	(3/)	17,079
2007	(3/)	34,838	(3/)	16,403
2008	(3/)	37,847	(3/)	17,340
2009	(3/)	36,890	(3/)	18,400
2010	(3/)	38,755	(3/)	(3/)
2011	(3/)	42,371	(3/)	(3/)
2012 3/	133,037	49,110	64,207	19,720

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.

3/ The DOD report containing number of dependents had not been released beyond FY 2005. Estimates of military dependents by other sources are available in Section 1. The DOD report containing the number of civilians had not been issued since FY2009. As of June 30, 2012 DMDC data is available for similar reporting.

Source: U.S. Department of Defense, Defense Manpower Data Center, 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); "Active Duty Military Personnel by Service by Region/Country, Total - DOD September 30" (annual); *Distribution of Personnel by State and by Selected Locations, September 30* (annual) <http://siadapp.dmdc.osd.mil/personnel/Pubs.htm> accessed July 13, 2010; "Total Military Personnel and Dependent End Strength By Service, Regional Area, and Country" (as of September 30, 2012) <http://siadapp.dmdc.osd.mil/personnel/MILITARY/miltop.htm> accessed January 29, 2013.

Table 10.05-- DEPARTMENT OF DEFENSE PERSONNEL, BY SELECTED LOCATION: SEPTEMBER 30, 2009

Installation or geographic area	Total person-nel	Military personnel 1/					Civilian personnel				
		Total	Army	Navy	Marines	Air Force	Total	Army 2/	Navy/ Marine	Air Force	Other defense agencies
State total	59,274	40,874	22,435	7,616	6,026	4,797	18,400	5,532	9,605	2,188	1,075
Aiea	428	329	3	323	-	3	99	-	89	-	10
Barbers Point NAS	187	66	1	64	-	1	121	3	28	26	64
Camp H.M. Smith	1,457	1,080	-	-	853	227	377	-	343	27	7
Ford Island	486	314	19	295	-	-	172	1	101	-	70
Fort Shafter	1,302	36	32	-	-	4	1,266	1,248	-	1	17
Hickam AFB	6,369	4,262	1	9	35	4,217	2,107	2	99	1,880	126
Honolulu	22,768	21,738	21,627	70	-	41	1,030	194	720	14	102
Kaneohe	6,423	5,729	6	796	4,926	1	694	-	622	-	72
Kauai Island	217	73	-	73	-	-	144	1	141	-	2
Kunia	1,851	1,734	1	1,597	135	1	117	43	72	2	-
Oahu Island	237	37	-	37	-	-	200	194	6	-	-
Pearl City	366	9	6	2	-	1	357	38	319	-	-
Pearl Harbor	6,700	3,854	1	3,696	75	82	2,846	3	2,406	-	437
Schofield Barracks	1,838	591	591	-	-	-	1,247	1,109	-	-	138
Tripler Army Med. Ctr.	2,043	18	-	15	-	3	2,025	2,015	10	-	-
Wahiawa	796	663	28	635	-	-	133	11	108	-	14
Wheeler AFB/Army Fld	722	173	1	-	-	172	549	421	-	112	16
Other	5,084	168	118	4	2	44	4,916	249	4,541	126	-

1/ Active duty. In some instances, the military departments, Army, Navy, and Air Force, report personnel by parent installation rather than their operating location and personnel on temporary duty (TDY) may be reported at their assigned 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 6,000 personnel afloat for Hawaii.

2/ Direct hire civilian personnel include employees involved in civil functions in the Army Corps of Engineers and Army cemeterial employees.

Source: U.S. Department of Defense, Defense Manpower Data Center, Statistical Information Analysis Division, Distribution of Personnel by State and by Selected Locations (M2), September 30, 2009, "DoD Military and Civilian Personnel by State - September 30, 2009" <http://siadapp.dmdc.osd.mil/personnel/M02/fy09/09top.htm> accessed October 5, 2010.

Table 10.06-- DEPARTMENT OF DEFENSE EXPENDITURES FOR THE UNITED STATES, BY STATE: 2009

[In thousands of dollars. For fiscal year ending September 30]

State	Total expend-itures	Total payroll outlays	Civilian pay	Military active duty pay	Reserve & National Guard pay	Retired military pay	Total contracts 1/	Grants
U. S. total	527,824,146	195,170,178	49,735,662	84,459,939	22,758,996	38,215,581	327,461,911	5,192,057
Hawaii	8,800,669	6,344,467	1,163,627	4,529,364	315,642	335,834	2,377,271	78,931
Hawaii as % of U.S.	1.7	3.3	2.3	5.4	1.4	0.9	0.7	1.5
Alabama	14,291,629	4,723,956	1,808,239	1,254,790	617,055	1,043,872	9,501,617	66,056
Alaska	4,888,348	2,659,561	321,206	2,077,719	90,592	170,044	2,180,004	48,783
Arizona	15,308,486	3,137,634	626,966	1,262,572	180,724	1,067,372	12,064,904	105,948
Arkansas	2,673,622	1,621,707	235,881	435,036	518,376	432,414	985,545	66,370
California	56,742,620	14,568,458	4,570,024	5,182,809	1,391,094	3,424,531	41,697,621	476,541
Colorado	10,725,693	5,125,122	786,177	2,965,503	285,229	1,088,213	5,544,160	56,411
Connecticut	12,638,248	720,299	184,190	198,163	149,873	188,073	11,817,700	100,249
Delaware	876,158	536,758	98,410	216,219	74,623	147,506	315,358	24,042
District of Columbia	8,406,175	3,599,245	1,508,947	1,906,999	124,189	59,110	4,740,563	66,367
Florida	22,802,179	9,417,919	1,942,655	2,816,465	826,134	3,832,665	13,188,889	195,371
Georgia	18,607,996	11,494,647	2,288,362	6,668,434	868,244	1,669,607	7,039,405	73,944
Hawaii	**8,800,669**	**6,344,467**	**1,163,627**	**4,529,364**	**315,642**	**335,834**	**2,377,271**	**78,931**
Idaho	934,634	709,220	100,861	261,607	116,236	230,516	166,118	59,296
Illinois	9,237,211	3,128,538	1,069,790	738,269	680,329	640,150	5,936,547	172,126
Indiana	9,188,013	2,338,121	705,646	350,647	905,556	376,272	6,795,168	54,724
Iowa	2,089,452	747,256	102,185	140,071	321,928	183,072	1,285,344	56,852
Kansas	6,867,835	3,667,675	471,455	2,465,253	334,444	396,523	3,158,303	41,857
Kentucky	12,285,425	5,680,752	508,305	4,339,243	391,231	441,973	6,534,291	70,382
Louisiana	9,149,589	2,688,149	414,120	1,417,143	410,608	446,278	6,407,579	53,861
Maine	2,382,017	846,681	440,345	113,348	87,175	205,813	1,407,038	128,298
Maryland	19,926,029	6,537,841	2,995,038	2,012,820	421,636	1,108,347	12,911,613	476,575
Massachusetts	15,081,759	1,490,630	539,474	319,863	312,302	318,991	13,347,134	243,995
Michigan	7,288,503	1,826,987	705,769	263,638	437,538	420,042	5,331,864	129,652

Continued on next page.

Table 10.06-- DEPARTMENT OF DEFENSE EXPENDITURES FOR THE UNITED STATES, BY STATE: 2009 -- Con.

State	Total expenditures	Total payroll outlays	Civilian pay	Military active duty pay	Reserve & National Guard pay	Retired military pay	Total contracts 1/	Grants
Minnesota	2,806,926	1,208,062	177,452	206,036	557,666	266,908	1,529,964	68,900
Mississippi	5,689,655	2,224,346	585,976	629,352	558,821	450,197	3,447,072	18,237
Missouri	14,281,251	3,786,836	586,610	1,310,799	1,268,807	620,620	10,453,949	40,466
Montana	853,639	540,644	91,395	187,506	110,398	151,345	288,759	24,236
Nebraska	2,142,336	1,151,981	250,642	434,949	198,307	268,083	931,306	59,049
Nevada	3,268,456	1,414,606	143,070	600,019	151,343	520,174	1,818,505	35,345
New Hampshire	2,014,350	410,882	74,277	73,429	78,753	184,423	1,567,821	35,647
New Jersey	11,019,807	2,671,220	1,290,072	543,053	507,311	330,784	8,226,697	121,890
New Mexico	3,270,536	1,626,461	483,878	571,288	148,491	422,804	1,604,488	39,587
New York	13,562,174	4,818,679	784,658	2,701,191	782,279	550,551	8,544,864	198,631
North Carolina	14,677,953	10,558,150	1,210,521	7,012,462	729,587	1,605,580	3,994,861	124,942
North Dakota	1,100,340	630,939	108,116	335,954	110,138	76,731	437,227	32,174
Ohio	10,256,353	3,834,470	1,824,865	640,496	609,867	759,242	6,249,462	172,421
Oklahoma	7,103,675	4,099,633	1,339,260	1,678,570	496,151	585,652	2,880,203	123,839
Oregon	2,695,604	1,051,047	231,630	140,868	300,719	377,830	1,545,991	98,566
Pennsylvania	16,789,144	4,210,386	1,788,532	574,034	1,011,822	835,998	12,362,728	216,030
Rhode Island	1,431,162	743,035	391,187	120,400	117,397	114,051	661,794	26,333
South Carolina	9,020,997	3,682,987	638,047	1,530,304	485,464	1,029,172	5,298,645	39,365
South Dakota	1,026,194	513,643	76,881	198,438	115,571	122,753	444,618	67,933
Tennessee	5,362,492	2,235,302	476,959	282,250	572,830	903,263	3,083,056	44,134
Texas	42,082,905	19,298,889	2,917,913	11,128,462	1,520,699	3,731,815	22,483,566	300,450
Utah	4,361,476	2,115,968	954,215	431,738	448,935	281,080	2,206,025	39,483
Vermont	828,433	261,505	44,921	64,177	92,561	59,846	549,931	16,997
Virginia	56,933,799	18,071,415	7,447,686	6,214,491	603,453	3,805,785	38,731,568	130,816
Washington	13,524,233	8,223,735	1,873,338	4,407,343	563,322	1,379,732	5,173,959	126,539
West Virginia	1,063,251	616,823	126,119	106,870	216,627	167,207	396,440	49,988
Wisconsin	8,898,053	1,151,891	160,743	222,262	470,144	298,742	7,673,970	72,192
Wyoming	566,662	405,020	69,027	177,223	70,775	87,995	140,406	21,236

1/ 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.

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 2009* <http://siadapp.dmdc.osd.mil/personnel/L03/fy09/09top.htm> accessed June 4, 2010.

Table 10.07-- DEPARTMENT OF DEFENSE SUMMARY OF PERSONNEL, PAYROLLS, AND PRIME CONTRACT AWARDS: 2009

[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/	68,550	33,382	24,063	10,030	1,075
Active duty military	40,874	22,435	13,642	4,797	-
Civilian	18,400	5,532	9,605	2,188	1,075
Reserve & National Guard	9,276	5,415	816	3,045	-
Total expenditures	8,800,669	4,882,236	2,590,293	938,340	389,800
Payroll outlays	6,344,467	4,057,597	1,574,230	660,608	52,032
Active duty military	4,529,364	3,325,623	799,767	403,974	-
Civilian	1,163,627	333,230	636,931	141,434	52,032
Reserve & National Guard	315,642	289,163	5,532	20,947	-
Retired military	335,834	109,581	132,000	94,253	-
Contracts 2/	2,377,271	789,207	991,132	269,204	327,728
Supply & equipment	423,610	97,095	53,807	17,381	255,327
RDT & E 3/	96,892	9,033	56,321	26,685	4,853
Service	1,398,698	560,654	569,918	200,599	67,527
Construction	458,071	122,425	311,086	24,539	21
Grants	78,931	35,432	24,931	8,528	10,040

Top Ten Contractors receiving the largest dollar volume of prime contract awards

Contractor name	Amount	Contractor name	Amount
Tesoro Petroleum Corporation	189,367	Hawaiian Electric Industries, Inc.	69,194
BAE Systems PLC	150,400	Science Applications International	59,148
Watts Constructors, LLC	81,080	Manu Kai, LLC	52,104
Nan. Inc.	79,026	Su-Mo Builders, Inc.	42,826
Hawaiian Dredging Construction	72,676	J & J Maintenance, Inc.	41,779

Continued on next page.

Table 10.07-- DEPARTMENT OF DEFENSE SUMMARY OF PERSONNEL, PAYROLLS, AND PRIME CONTRACT AWARDS: 2009 -- Con.

Major locations of expenditures	Total	Payroll outlays	Grants and contracts
Honolulu	3,577,939	3,355,323	222,616
Hickam Air Force Base	641,057	478,043	163,014
Pearl Harbor	629,944	576,290	53,654
Kaneohe	329,871	329,739	132
Schofield Barracks	326,687	182,982	143,705
Fort Shafter	230,353	182,789	47,564
Pearl Harbor NS	205,065	-	205,065
Tripler Army Medical Center	196,540	113,855	82,685
Kapolei	190,715	-	190,715
Pearl Harbor Naval Shipyard	139,325	-	139,325

Major locations of personnel 1/	Total military & civilian	Active duty military	Civilian
Honolulu	22,768	21,738	1,030
Pearl Harbor	6,700	3,854	2,846
Kaneohe	6,423	5,729	694
Hickam Air Force Base	6,369	4,262	2,107
Tripler Army Medical Center	2,043	18	2,025
Kunia	1,851	1,734	117
Schofield Barracks	1,838	591	1,247
Camp H.M. Smith	1,457	1,080	377
Fort Shafter	1,302	36	1,266
Wahiawa	796	663	133

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. As of FY 2007, DOD transitioned from the Defense Contract Action Data System (DCADS) used for FY 2006 and prior contract data, to the Federal Procurement Data System - Next Generation (FPDS – NG), which was used to obtain contract data from FY07 onward. Discrete reporting of Civil Functions contracts has been discontinued because these contracts are no longer identified in FPDS – NG as a separate contract type.

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 2009* <http://siadapp.dmdc.osd.mil/personnel/L03/fy09/09top.htm> accessed June 4, 2010.

Table 10.08-- MILITARY PRIME CONTRACT AWARDS, BY TYPE: 1982 TO 2009

[Prime contracts are generally reported at the location where the work is performed.
In thousands of dollars. Fiscal years ending September 30]

Year	Total contracts 1/	Supply & equipment	RDT & E 2/	Service	Construc-tion	Civil Functions
1982	526,143	302,754	6,132	178,776	23,716	14,765
1983	638,975	299,980	9,812	266,583	38,708	23,892
1984	536,735	152,802	6,461	273,025	84,041	20,406
1985	626,153	164,785	10,697	311,800	129,602	9,269
1986	562,843	209,488	2,899	272,114	77,488	854
1987	461,449	20,608	8,722	353,911	71,020	7,188
1988	540,991	94,954	19,753	349,591	69,819	6,874
1989	578,733	61,147	16,639	402,465	90,464	8,018
1990	511,893	92,103	13,033	382,667	22,416	1,674
1991	697,127	85,019	8,448	438,969	163,462	1,229
1992	622,728	94,107	12,299	436,322	73,971	6,029
1993	631,021	87,337	14,526	450,026	71,841	7,291
1994	803,297	51,341	15,454	485,515	249,301	1,686
1995	673,641	74,468	14,634	441,001	136,734	6,804
1996	928,480	71,478	21,348	648,821	175,682	11,151
1997	957,354	87,353	24,698	607,753	228,980	8,570
1998	889,608	88,894	30,907	629,248	134,174	6,385
1999	984,849	127,356	23,762	669,912	161,327	2,492
2000	1,159,581	159,479	54,837	715,981	228,056	1,228
2001	1,307,383	166,011	60,444	770,412	307,504	3,012
2002	1,433,119	267,334	71,978	821,447	265,575	6,785
2003	1,807,956	487,571	121,356	917,498	275,269	6,262
2004	1,713,912	464,161	122,652	814,829	304,292	7,978
2005	1,990,800	620,449	143,736	971,889	253,496	1,230
2006	1,963,468	595,194	80,839	1,074,491	210,392	2,552
2007	2,158,038	379,521	104,122	1,260,315	414,080	(3/)
2008	2,258,591	437,344	67,840	1,222,919	530,488	(3/)
2009	2,377,271	423,610	96,892	1,398,698	458,071	(3/)

1/ 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. For FY 1982-83 procurement contracts greater than $10,000 were reported. For FY 1984 to 2004, only reported for awards exceeding $25,000. As of FY 2005, all awards are included. As of FY 2007, DOD transitioned from the Defense Contract Action Data System (DCADS) used for FY 2006 and prior contract data, to the Federal Procurement Data System - Next Generation (FPDS – NG), which was used to obtain contract data from FY07 onward.

2/ RDT&E Research, Development, Test, and Evaluation.

3/ Discrete reporting of Civil Functions contracts has been discontinued because these contracts are no longer identified in FPDS – NG as a separate contract type.

Source: U.S. Department of Defense, Defense Management Data Center, Statistical Information Analysis Division, *Atlas/Data Abstract for the United States and Selected Areas: Fiscal Year* (annual) and <http://siadapp.dmdc.osd.mil/personnel/Pubs.htm> accessed October 6, 2010.

Table 10.09-- DEFENSE-RELATED APPROPRIATIONS BILL SELECTED HAWAII-RELATED INITIATIVES: 2010

[In millions of dollars. For fiscal year ending September 30. The Bill was signed into law (Public Law 111-118) by President Barack Obama on December 19, 2009]

Subject	Amount
Total	199.45
Oahu/Statewide	118.17
AKAMAI/Hawaii Federal Health Care Network	23.00
Hawaii Technology Development Venture	10.00
Center of Excellence for Research in Ocean Sciences (CEROS)	8.00
Joint Venture Education Program	5.50
U.S.S. Memorial Ass'n for costs associated with drydock and repair of U.S.S. Missouri	5.00
Standoff Improvised Explosive Device Detection Program	4.80
Low-Earth orbit nanosatellite integrated defense	4.75
Warfighter rapid awareness processing technologies (WRAPT)	4.50
Pearl Harbor Navy Shipyard equipment modernization	4.20
Army conservation and ecosystem management	4.00
Intelligent decision exploration	3.90
Hawaii Microalgae BioFuel Project	3.52
Reconnaissance and data exploitation (REX) system	3.50
Military applications for medical grade chitosan	3.00
Hawaii National Guard counterdrug	3.00
Mobile Modular Command Center (M2C2)	2.80
Marine Air Ground Task Force	2.70
Autonomous unmanned surface vehicle (AUSV)	2.70
Eagle Vision for the Hawaii Air National Guard	2.40
Immersive group simulation virtual training system	2.30
Captive air amphibious transporter (CAAT)	2.20
Detection, tracking, and identification for ISRTE of mobile and asymmetric targets	2.00
Undersea Special Warfare Engineering Support Office	2.00
4-D data fusion visualization	1.60
Hawaiian Range Complex	1.60
Managing and extending DoD asset lifecycles	1.60
Covert sensing and tagging system	1.20
Mobile localization (M-LOC)	1.20
Virtual onboard analyst for multi-sensor mine detection	1.20
Maui	51.50
Maui space surveillance system operations and research	19.50
PanSTARRS telescope system	9.50
Applications of LIDAR to vehicles with analysis	6.00
High Accuracy Network Determination System-Intelligent Optical Network for Space Situational Awareness (HANDS-IONS)	5.00
Multiple-target-tracking optical sensor-array technology (MOST)	4.00
Real-time optical surveillance applications	3.50
Hawaii advanced laboratory for information integration (HALI'I)	2.00
FLASH hyper-dimensional imaging for near space	2.00

Continued on next page.

Table 10.09-- DEFENSE-RELATED APPROPRIATIONS BILL SELECTED HAWAII-RELATED INITIATIVES: 2010 -- Con.

Subject	Amount
Kauai	29.78
Pacific airborne surveillance and testing	17.00
Strategic materials	5.00
Pacific Region interoperability test and evaluation	3.30
Pacific data conversion and technology program	2.00
Hawaii National Guard Integrated Information Command	1.28
Maritime Directed Energy Test and Evaluation Center	1.20
Addendum: Competitive funding initiatives of benefit to, but not included in totals for, Hawaii	141.20
Test and training range upgrades	20.50
Applied alternative energy research	55.20
Environmental restoration and unexploded ordnance removal	32.50
Readiness and environmental protection initiative	18.00
National Guard Youth Challenge	15.00

Source: U.S. Senator Daniel K. Inouye Press Release "Senate Approves $199 Million for Defense Projects in Hawaii" (December 9, 2009) <http://inouye.senate.gov/Press/121909pr01.cfm> accessed December 10, 2009.

Table 10.10-- MILITARY CONSTRUCTION PROJECTS IN HAWAII: 2014

[For fiscal year ending September 30. This appropriations bill passed the Senate Armed Services Committee on June 20, 2013 and moved onto the full Senate. See the Library of Congress Thomas "Status of Appropriations Legislation for Fiscal Year 2014" <http://thomas.loc.gov/home/approp/app14.html> for additional information]

Branch and location	Facility Category Title	Construction Project Title	Amount (1,000's)
TOTAL			410,295
ARMY			75,000
Fort Shafter	Airfield Operational Buildings	Command and Control Facility - Admin	75,000
NAVY			325,080
Kaneohe Bay	Ship Operational Buildings	Armory Addition and Renovation	12,952
Kaneohe Bay	Administration Buildings	3rd Radio Bn Maintenance/Operations Complex	25,336
Kaneohe Bay	Aircraft Maintenance Facilities	Aircraft Maintenance Hangar Upgrades	31,820
Kaneohe Bay	Aircraft Maintenance Facilities	Aircraft Maintenance Expansion	16,968
Kaneohe Bay	Training Buildings	Aviation Simulator Modernization/Addition	17,724
Kaneohe Bay	Airfield Aprons	MV-22 Parking Apron and Infrastructure	74,665
Kaneohe Bay	Aircraft Maintenance Facilities	MV-22 Hangar	57,517
Pearl City	Potable Water Distribution System	Water Transmission Line	30,100
Pearl Harbor	Ships and Spares Maintenance Facilities	Drydock Waterfront Facility	22,721
Pearl Harbor	Ships and Spares Maintenance Facilities	Submarine Production Support Facility	35,277
Air Force			4,800
Joint Base Pearl Harbor-Hickam	Aircraft Maintenance Facilities	C-17 Modernize Hgr 35, Docks 1&2	4,800
Defense Information Systems Agency			2,615
Ford Island	Other Operational	DISA Pacific Facility Upgrades	2,615
Defense Logistics Agency			2,800
Joint Base Pearl Harbor-Hickam	Administration Buildings	Alter Warehouse Space	2,800

Source: U.S. Department of Defense, Office of the Under Secretary of Defense (Comptroller) Defense Budget Materials - FY2014, Military Construction, Family Housing, and Base Realignment and Closure Program (C-1) <http://comptroller.defense.gov/defbudget/fy2014/c1.xlsx> accessed April 17, 2013.

Table 10.11-- DEPARTMENT OF DEFENSE MILITARY PERSONNEL AND DEPENDENTS, BY SERVICE: 2004 TO 2012

[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
Military personnel 1/ 3/					
2006	34,935	18,687	6,080	5,050	5,118
2007	34,838	19,867	5,595	4,483	4,893
2008	37,847	21,554	5,320	6,306	4,667
2009	36,890	21,267	5,472	5,574	4,577
2010	38,755	22,186	5,402	6,532	4,635
2011	42,371	22,895	8,630	5,905	4,941
2012					
Total military and dependents 3/	113,317	(NA)	(NA)	(NA)	(NA)
Military personnel 1/	49,110	22,546	15,066	6,385	5,113
Family members 2/	64,207	(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/ Includes dependents of Hawaii residents stationed out of the State, if those dependents remained in Hawaii.

3/ The DOD report containing number of dependents had not been released beyond FY 2005. Estimates of military dependents by other sources are available in Section 1. The DOD report containing the number of civilians had not been issued since FY2009. As of June 30, 2012 DMDC data is available for similar reporting.

Source: U.S. Department of Defense, Defense Manpower Data Center, Statistical Information Analysis Division, "Active Duty Military Personnel by Service by Region/Country, Total - DOD September 30" (annual); *Worldwide Manpower Distribution by Geographical Area, September 30* (annual through 2005) <http://siadapp.dior.whs.mil/personnel/Pubs.htm> accessed May 31, 2006; *Distribution of Personnel by State and by Selected Locations, September 30* (annual) <http://siadapp.dmdc.osd.mil/personnel/Pubs.htm> accessed July 13, 2010; "Total Military Personnel and Dependent End Strength By Service, Regional Area, and Country" (September 30, 2012) <http://siadapp.dmdc.osd.mil/personnel/MILITARY/miltop.htm> accessed January 29, 2013.

Table 10.12-- DEPARTMENT OF DEFENSE CIVILIAN PERSONNEL, BY SERVICE: 1982 TO 2012

[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 1/	17,079	4,750	9,130	2,109	1,090
2007	16,403	4,662	8,922	2,042	777
2008	17,340	5,053	9,225	2,069	993
2009	18,400	5,532	9,605	2,188	1,075
2010 2/	(NA)	(NA)	(NA)	(NA)	(NA)
2011 2/	(NA)	(NA)	(NA)	(NA)	(NA)
2012 2/	19,720	(NA)	(NA)	(NA)	(NA)

NA Not available.

1/ No change in data but merely in source. The *Atlas* has been substituted for the *Distribution of Personnel by State and by Selected Locations, September 30, 2006* .

2/ The DOD report containing the number of civilians had not been issued since FY2009. As of June 30, 2012 DMDC data is available for similar reporting.

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) <http://siadapp.dmdc.osd.mil/personnel/Pubs.htm> accessed June 4, 2010; *Worldwide Manpower Distribution by Geographical Area* (annual) <http://siadapp.dior.whs.mil/personnel/MMIDHOME.HTM> accessed June 22, 2006; and "Total Military Personnel and Dependent End Strength By Service, Regional Area, and Country" (September 30, 2012) <http://siadapp.dmdc.osd.mil/personnel/MILITARY/miltop.htm> accessed January 29, 2013.

Table 10.13 -- IMPACT OF A $1 BILLION MILITARY EXPENDITURE: 2011

[Based on inter-industry relationships in 2007. Include direct, indirect, and induced impacts. Industries sorted for greatest output impact. Jobs revised from previous *Data Book*]

Industry sector	Output (in millions of dollars)	Labor income (in millions of dollars)	Jobs (number)
Total	1,666.8	988.9	12,112
Federal government	773.0	699.6	6,118
Real estate and rentals	164.6	7.7	325
Mining and construction	95.7	32.4	450
Health services	90.4	46.4	849
Retail trade	78.9	28.7	824
Other manufacturing	75.0	6.4	96
Professional services	64.8	39.5	497
Finance and insurance	47.8	12.8	224
Business services	39.6	23.5	586
Other services	38.0	19.1	506
Wholesale trade	29.6	11.2	173
Information	28.9	7.5	111
Eating and drinking	28.5	11.0	420
Transportation	25.5	8.3	169
Utilities	24.8	3.1	28
Accommodation	20.3	7.7	117
State and local government	13.6	10.5	155
Educational services	10.0	6.5	178
Food processing	7.0	1.5	46
Arts and entertainment	6.0	3.3	142
Agriculture	4.7	1.9	99

Source: Hawaii State Department of Business, Economic Development & Tourism based on Hawaii State Department of Business, Economic Development & Tourism *2007 State Input-Output Study* (July 2011) <http://dbedt.hawaii.gov/economic/reports_studies/2007-io/>.

Table 10.14 -- IMPACT OF A $1 BILLION MILITARY EXPENDITURE: 2012

[Based on inter-industry relationships in 2007. Include direct, indirect, and induced impacts. Industries sorted for greatest output impact]

Industry sector	Output (in millions of dollars)	Labor income (in millions of dollars)	Jobs (number)
Total	1,666.8	988.9	11,595
Federal government	773.0	699.6	5,821
Real estate and rentals	164.6	7.7	316
Mining and construction	95.7	32.4	427
Health services	90.4	46.4	827
Retail trade	78.9	28.7	787
Other manufacturing	75.0	6.4	91
Professional services	64.8	39.5	477
Finance and insurance	47.8	12.8	214
Business services	39.6	23.5	562
Other services	38.0	19.1	488
Wholesale trade	29.6	11.2	165
Information	28.9	7.5	107
Eating and drinking	28.5	11.0	407
Transportation	25.5	8.3	165
Utilities	24.8	3.1	26
Accommodation	20.3	7.7	111
State and local government	13.6	10.5	147
Educational services	10.0	6.5	171
Food processing	7.0	1.5	46
Arts and entertainment	6.0	3.3	142
Agriculture	4.7	1.9	97

Source: Hawaii State Department of Business, Economic Development & Tourism based on Hawaii State Department of Business, Economic Development & Tourism *2007 State Input-Output Study* (July 2011) <http://dbedt.hawaii.gov/economic/reports_studies/2007-io/>.

Table 10.15-- FEDERAL EXPENDITURES FOR ARMY AND AIR NATIONAL GUARD: 2009 AND 2010

[In dollars. For fiscal year ending September 30]

Category	2009	2010
Total Federal support for Army National Guard	140,641,379	135,601,353
Total funds allotted to U.S. Property & Fiscal Office for Hawaii		
National Guard personnel appropriations - Army		
Military pay, transportation, and travel	26,969,347	33,775,556
Military uniform	376,871	261,287
Subsistence	194,195	447,600
Oper. and maint., military constr. approp. - Army		
Civilian pay	17,376,073	25,408,617
Transportation and travel - personnel	1,647,592	2,413,852
Equipment, supplies, and services		
Ground operations	2,704,103	3,910,357
Air operations	1,080,708	1,786,786
Other operating supplies and services	9,373,386	15,674,758
Construction, repairs and utilities		
Armory construction	47,454,485	-
Architectural and engineering services	1,460,075	3,159,832
Non-armory construction	-	-
Maintenance, repairs and environmental	12,472,507	13,876,750
Utilities	1,414,046	1,600,673
Total funds provided by National Guard Bureau (Army)		
Oper. & maint. def. approp.-ESGR/Prev. of Sexual Harrassment	(NA)	85,721
Oper. & maint. def. approp.-Army Youth CHalleNGe	1,965,500	3,345,000
AGR pay 1/	16,152,988	29,302,662
Total Federal support for Air National Guard	160,576,535	197,184,250
Total funds allotted to U.S. Property & Fiscal Office for Hawaii	115,282,120	160,812,349
National Guard personnel appropriations - Air		
Deployments, transportation and travel	2,258,223	2,430,999
Military uniform	577,217	700,242
Subsistence	132,908	169,535
Oper. and maint., military constr. approp. - Air		
Civilian pay	71,505,583	72,992,684
Transportation and travel		
Personnel/deployments	2,950,876	3,434,253
Equipment and supplies	137,715	204,218
Equipment, supplies and services		
Equipment	25,543	295,883
Supplies	2,935,750	3,991,144
Depot level reparables	359,102	268,551
Aviation fuel	27,077,835	33,225,807
Other operating supplies and services	4,249,810	4,858,747

Continued on next page.

Table 10.15-- FEDERAL EXPENDITURES FOR ARMY AND AIR NATIONAL GUARD: 2009 AND 2010 -- Con.

Category	2009	2010
Oper. and maint., military constr. approp. - Air --Con.		
Construction repairs		
Major construction	-	34,316,524
Architectural and engineering services	211,759	424,958
Minor construction/major repairs	-	651,609
Operations and maintenance agreements	2,859,799	2,847,195
Funded directly by National Guard Bureau (Air)	45,296,415	36,371,907
Annual training pay	5,996,403	2,328,756
Other active duty pay	8,973,828	4,103,838
Inactive duty training pay	13,478,973	14,396,833
Basic training pay	771,891	1,156,999
Active Guard Reserve pay	16,075,320	14,385,481

NA Not available.

1/ Not included as component of allotted to USPFO-HI in FY2009. Does not affect published total.

Source: Hawaii Department of Defense, *Annual Report Fiscal Year* (annual) <http://hawaii.gov/dod/department-info/dod-annual-reports> accessed July 14, 2012.

Table 10.16-- ARMY AND AIR NATIONAL GUARD STRENGTH, 1980 TO 2010

[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/	> 5,300	> 3,000	> 2,300
2006 2/	5,300	3,000	2,300
2007 1/	> 4,970	> 2,680	2,290
2008 1/	> 5,000	> 2,800	> 2,200
2009 1/	> 5,300	3/ 2,900	> 2,400
2010 1/	> 5,500	3/ 3,000	> 2,500

1/ Angled bracket open to left indicates 'greater than'.

2/ Counts approximate.

3/ Count reported as 'nearly' number shown.

Source: Hawaii State Department of Defense, *Annual Report Fiscal Year* (annual), Ibid. *Annual Report for Fiscal Year* (2007 to 2010) <http://hawaii.gov/dod/department-info/dod-annual-reports> accessed July 14, 2012; and records.

Table 10.17-- CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, DEPARTMENT OF DEFENSE, AND PEARL HARBOR NAVAL SHIPYARD: ANNUAL AVERAGE, 1990 TO 2012

[According to the North American Industrial Classification System (NAICS) adopted in 1997. Data are rounded to the nearest 100, except for 2001 to 2009 which are rounded to the nearest 50. Totals may not add due to rounding or residual categories]

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	17,300	(1/)
1998	30,400	16,900	(1/)
1999	30,300	16,600	(1/)
2000	31,000	16,400	(1/)
2001	30,100	16,500	4,700
2002	30,650	16,700	4,950
2003	31,650	16,650	4,750
2004	31,450	16,600	4,250
2005	31,300	16,350	4,150
2006	31,850	16,650	4,200
2007	31,750	16,400	4,000
2008	32,200	16,550	4,100
2009	33,300	17,500	4,200
2010	34,800	18,500	4,300
2011 2/	34,900	19,100	4,300
2012 2/	34,900	19,100	4,500

1/ New series in 2001. NAICS series data are not available previously.

2/ Data were benchmarked by DLIR in March 2013.

Source: Hawaii State Department of Labor and Industrial Relations, "State of Hawaii Annual Average Jobcount by Detailed Industry" and "State of Hawaii Not Seasonally Adjusted Jobcount By Detailed Industry" <http://www.hiwi.org/gsipub/index.asp?docid=421> accessed April 18, 2013.

Table 10.18-- SELECTIVE SERVICE REGISTRATION FOR THE UNITED STATES AND HAWAII: 2006 TO 2012

[As of September 30]

Subject	Registrants 1/	
	United States 2/	Hawaii
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, 18 - 25 years old, born 1982-1989	15,247,514	59,742
Draft eligible men, 20 - 25 years old, born 1982 - 1987	12,380,004	50,229
2008		
Entire registrant group, 18 - 25 years old, born 1982-1989	15,247,514	59,742
Draft eligible men, 20 - 25 years old, born 1982 - 1987	12,380,004	50,229
2009		
Entire registrant group, 18 - 25 years old, born 1984-1991	15,549,082	62,409
Draft eligible men, 20 - 25 years old, born 1984 - 1989	12,623,247	50,915
2010		
Entire registrant group, 18 - 25 years old, born 1985-1992	15,641,162	63,109
Draft eligible men, 20 - 25 years old, born 1985 - 1990	12,765,909	51,731
2011		
Entire registrant group, 18 - 25 years old, born 1986-1993	15,665,624	63,409
Draft eligible men, 20 - 25 years old, born 1986 - 1991	12,860,406	52,385
2012		
Entire registrant group, 18 - 25 years old, born 1987-1994	15,825,085	64,018
Draft eligible men, 20 - 25 years old, born 1987 - 1992	12,979,918	53,000

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 Dist. 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 20, 2013 and records.

Table 10.19-- ARMED SERVICES VOCATIONAL APTITUDE BATTERY (ASVAB) INELIGIBILITY RATE, BY RACE/ETHNICITY, BY STATE: 2009

[High school graduates who did not meet the minimum standard necessary to enlist in the U.S. Army. As of September 30]

State 1/	Total		African-American		Hispanic		White	
	Number	%	Number	%	Number	%	Number	%
United States	348,203	22.6	64,084	38.7	40,771	29.1	201,501	16.4
Alaska	1,198	20.5	112	28.6	56	16.1	636	10.5
Alabama	8,193	28.2	3,067	44.3	99	21.2	3,825	20.4
Arkansas	5,573	27.7	1,304	47.2	147	20.4	3,436	21.2
Arizona	7,526	19.6	302	25.5	1,774	29.0	4,039	12.1
California	31,669	24.1	2,893	36.6	10,213	30.8	13,471	15.7
Colorado	4,857	17.6	375	33.1	754	28.4	3,400	12.9
Connecticut	2,911	24.0	397	41.8	523	39.2	1,785	15.2
District of Columbia	345	32.5	204	37.7	(2/)	(2/)	104	23.1
Delaware	900	26.0	303	42.2	50	32.0	446	17.3
Florida	19,734	20.9	4,711	33.7	3,775	26.6	10,022	13.0
Georgia	13,597	25.2	6,495	34.4	377	20.4	5,452	16.8
Hawaii	**2,307**	**38.3**	**(2/)**	**(2/)**	**134**	**34.3**	**149**	**20.1**
Iowa	3,967	18.6	160	33.1	108	30.6	3,446	17.3
Idaho	2,121	14.1	(2/)	(2/)	136	28.7	1,788	12.7
Illinois	11,861	24.0	2,672	41.5	1,168	29.0	7,146	16.3
Indiana	6,965	13.1	644	28.9	192	16.1	5,252	10.1
Kansas	4,099	21.1	419	41.1	207	20.8	2,931	19.0
Kentucky	5,907	24.0	648	36.6	101	25.7	4,931	22.2
Louisiana	6,079	30.9	2,371	47.0	89	23.6	2,791	21.8
Massachusetts	5,301	19.6	213	35.2	635	40.5	2,831	15.2
Maryland	5,966	26.6	1,465	36.4	235	30.6	2,710	27.0
Maine	1,656	19.0	(2/)	(2/)	(2/)	(2/)	1,539	18.4
Michigan	11,346	20.5	1,644	42.7	303	24.4	8,695	16.3
Minnesota	4,998	15.9	255	40.0	155	20.0	4,007	14.1
Missouri	8,063	21.8	976	35.6	142	21.8	5,807	18.7
Mississippi	5,138	37.8	3,011	50.1	(2/)	(2/)	1,909	20.0
Montana	1,309	18.1	(2/)	(2/)	28	14.3	1,034	13.4
North Carolina	13,473	23.4	4,824	35.7	488	20.5	6,450	15.3
North Dakota	795	16.0	(2/)	(2/)	(2/)	(2/)	649	12.3
Nebraska	2,711	14.6	175	33.7	136	30.1	2,176	11.2
New Hampshire	1,300	14.7	(2/)	(2/)	(2/)	(2/)	931	15.1
New Jersey	6,455	26.5	1,307	33.7	1,479	34.1	2,749	20.6
New Mexico	2,652	28.2	91	37.4	984	32.4	1,056	17.5
Nevada	2,503	18.6	255	36.1	415	26.7	1,523	12.9
New York	12,736	21.1	2,183	29.4	2,154	31.2	7,035	15.4
Ohio	14,830	18.0	1,931	35.1	279	23.3	11,744	15.4
Oklahoma	5,667	23.2	770	39.5	290	23.4	3,830	19.3
Oregon	3,674	18.0	73	16.4	239	29.7	2,752	15.2

Continued on next page.

Table 10.19-- ARMED SERVICES VOCATIONAL APTITUDE BATTERY (ASVAB) INELIGIBILITY RATE, BY RACE/ETHNICITY, BY STATE: 2009-- Con.

State 1/	Total		African-American		Hispanic		White	
	Number	%	Number	%	Number	%	Number	%
Pennsylvania	13,146	21.6	1,729	40.2	763	38.1	9,910	17.6
Rhode Island	1,090	23.6	57	36.8	131	39.7	667	21.3
South Carolina	8,557	29.5	3,793	42.3	119	27.7	3,573	21.0
South Dakota	993	17.1	(2/)	(2/)	(2/)	(2/)	809	12.7
Tennessee	8,671	25.1	2,080	41.9	162	28.4	5,809	18.9
Texas	34,093	22.4	5,523	32.9	10,094	27.8	15,432	15.9
Utah	2,354	16.7	(2/)	(2/)	166	31.3	1,769	14.0
Virginia	11,086	25.5	4,207	38.6	479	21.7	5,452	17.0
Vermont	886	20.4	(2/)	(2/)	(2/)	(2/)	806	19.9
Washington	5,571	16.4	303	32.7	434	25.3	3,488	12.3
Wisconsin	8,060	18.9	793	46.9	331	26.9	6,443	14.6
West Virginia	2,760	20.9	121	39.7	(2/)	(2/)	2,402	20.0
Wyoming	554	13.0	(2/)	(2/)	(2/)	(2/)	464	11.2

1/ Including the District of Columbia.
2/ Number suppressed. State had fewer than 50 applicants.
Source: Education Trust, *Shut Out of the Military* (December 20, 2010) <http://www.edtrust.org/sites/edtrust.org/files/publications/files/ASVAB_4.pdf> accessed July 14, 2012.

Table 10.20-- MILITARY PRIME CONTRACT AWARDS, BY PROGRAM: 2005 TO 2009

[In thousands of dollars. Fiscal years ending September 30]

Procurement program	2005	2006	2007 1/	2008 1/	2009 1/
Total	1,990,796	1,963,465	2,158,038	2,258,586	2,377,271
Aircraft engines & spares	502	5	(NA)	(NA)	(NA)
Airframes & spares	50,638	3,316	(NA)	(NA)	(NA)
All other supplies & equipment	118,208	162,089	(NA)	(NA)	(NA)
Ammunition	-	10	(NA)	(NA)	(NA)
Building supplies	38	48	(NA)	(NA)	(NA)
Combat vehicles	86	-	(NA)	(NA)	(NA)
Construction	524,526	537,211	(NA)	(NA)	(NA)
Construction equipment	194	18	(NA)	(NA)	(NA)
Containers and handling equip.	1	20	(NA)	(NA)	(NA)
Electronics & communication equip.	40,540	53,140	(NA)	(NA)	(NA)
Materials handling equipment	17	170	(NA)	(NA)	(NA)
Medical & dental supplies & equip.	289,584	68,485	(NA)	(NA)	(NA)
Missile & space systems	57,273	5,498	(NA)	(NA)	(NA)
Non-combat vehicles	168	191	(NA)	(NA)	(NA)
Other aircraft equipment	1,495	1,191	(NA)	(NA)	(NA)
Other fuels and lubricants	49	1,056	(NA)	(NA)	(NA)
Petroleum	136,343	300,615	(NA)	(NA)	(NA)
Photographic supplies & equip.	190	239	(NA)	(NA)	(NA)
Production equipment	94	467	(NA)	(NA)	(NA)
Services	627,146	708,590	(NA)	(NA)	(NA)
Ships	85,705	71,235	(NA)	(NA)	(NA)
Subsistence	48,904	40,678	(NA)	(NA)	(NA)
Textiles, clothing, & equipage	-	32	(NA)	(NA)	(NA)
Transportation equipment	7	-	(NA)	(NA)	(NA)
Weapons	9,086	9,162	(NA)	(NA)	(NA)

NA Not available.

1/ 2007 and 2008 had been revised in *Data Book 2009* reflecting a change in DOD data availability. The 2 procurement web sites below are no longer the home for the collection, correction, and reporting of DoD procurement information. The data on those sites are static data and reflect how the data were originally collected through FY2006. All the data contained on those sites were migrated to the Federal Procurement Data System Next Generation (FPDS-NG) which is now the official web site <https://www.fpds.gov> for all federal procurement data and reports. USASpending.gov at <http://www.usaspending.gov> also contains current DoD procurement data. Future *Data Book* updates are expected to be based on those data/sites.

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; 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; and *Atlas/Data Abstract for the United States and Selected Areas: Fiscal Year* (annual) <http://siadapp.dmdc.osd.mil/personnel/Pubs.htm> accessed June 4, 2010.

Table 10.21-- DEPARTMENT OF DEFENSE PRIME CONTRACTS, BY BRANCH: 1981 TO 2009

[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, between FY 2001 and FY 2004 reporting contracts less than $25,000 was optional, and beginning with FY 2005, all contact actions were included]

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	1,159,581	243,813	618,071	168,588	129,109
2001	1,307,383	384,619	675,946	93,020	153,798
2002	1,433,119	347,108	771,034	156,322	158,655
2003	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	2,158,036	661,531	922,289	297,619	276,597
2008	2,258,586	702,832	900,966	301,654	353,134
2009	2,377,271	789,207	991,132	269,204	327,728

1/ Includes U.S. Army Corps of Engineers.

2/ Includes Defense Logistics Agency (DLA) and other defense agencies (ODA).

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) <http://siadapp.dmdc.osd.mil/personnel/Pubs.htm> accessed June 4, 2010.

Table 10.22-- DEPARTMENT OF DEFENSE PRIME CONTRACT AWARDS, BY COUNTY, BY DEFENSE COMPONENT: 2007 TO 2009

[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
2007 1/	2,134,466	40,933	1,924,256	154,713	14,564
Army	638,504	18,294	590,210	27,206	2,795
Navy 2/	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
2008 1/	2,258,586	(NA)	(NA)	(NA)	(NA)
Army	702,832	(NA)	(NA)	(NA)	(NA)
Navy 2/	900,966	(NA)	(NA)	(NA)	(NA)
Air Force	301,651	(NA)	(NA)	(NA)	(NA)
Civil functions: Corps of Eng. 3/	(NA)	(NA)	(NA)	(NA)	(NA)
Other defense activities 4/	353,134	(NA)	(NA)	(NA)	(NA)
2009 1/	2,377,271	(NA)	(NA)	(NA)	(NA)
Army	789,207	(NA)	(NA)	(NA)	(NA)
Navy 2/	991,132	(NA)	(NA)	(NA)	(NA)
Air Force	269,204	(NA)	(NA)	(NA)	(NA)
Civil functions: Corps of Eng. 3/	(NA)	(NA)	(NA)	(NA)	(NA)
Other defense activities 4/	327,728	(NA)	(NA)	(NA)	(NA)

NA Not available.

1/ The 2008 and 2009 estimates are preliminary in that the source does not show procurement by county. The 2 procurement web sites below are no longer the home for the collection, correction, and reporting of DoD procurement information. The data on those sites are static data and reflect how the data were originally collected through FY2006. All the data contained on those sites were migrated to the Federal Procurement Data System Next Generation (FPDS-NG) which is now the official web site <https://www.fpds.gov> for all federal procurement data and reports. USASpending.gov <http://www.usaspending.gov> also contains current DoD procurement data. Future *Data Book* updates and revision of 2007 through 2009 are expected to be based on those data/sites.

2/ Refers to the Department of the Navy which also includes the Marine Corps.

3/ Civil functions not available in the FPDS-NG system.

4/ Includes 'Other defense agencies' and Defense Logistics Agency.

Source: U.S. Department of Defense, Defense Manpower Data Center, Statistical Information Analysis Division, 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; and *Atlas/Data Abstract for the United States and Selected Areas, Fiscal Year* (annual) <http://siadapp.dmdc.osd.mil/personnel/Pubs.htm> accessed June 4, 2010.

Table 10.23-- MILITARY SUBCONTRACTING PROGRAM: 2004 TO 2007

[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	2004	2005	2006 1/	2007 1/
Hawaii number of contractors	48	41	41	46
Hawaii total contracts	196,793	204,533	319,430	226,920
Large business	73,876	87,310	119,085	90,917
Small business	122,917	117,223	200,345	136,003
Small disadvantaged business	21,583	34,370	25,850	22,352
Women-owned business	15,931	11,633	42,454	13,511
HBCU/MI 2/	133	31	208	25
HUBZone 3/	6,109	2,747	16,399	17,328
Veteran-owned	13,269	19,536	17,459	9,322
Service-disabled veteran-owned	219	282	467	646
Hawaii contracts as percent of total	100.0	100.0	100.0	100.0
Large business	37.5	42.7	37.3	40.1
Small business	62.5	57.3	62.7	59.9
Small disadvantaged business	11.0	16.8	8.1	9.9
Women-owned business	8.1	5.7	13.3	6.0
HBCU/MI 2/	0.1	(4/)	0.1	(4/)
HUBZone 3/	3.1	1.3	5.1	7.6
Veteran-owned	6.7	9.6	5.5	4.1
Service-disabled veteran-owned	0.1	0.1	0.1	0.3
United States number of contractors	1,639	1,625	1,493	1,665
United States total contracts	101,677,468	120,947,969	106,472,454	127,759,431
Large business	66,571,644	77,332,006	66,906,557	81,813,737
Small business	35,105,824	43,615,963	39,565,897	45,945,694
Small disadvantaged business	4,135,337	5,363,344	5,091,551	5,477,611
Women-owned business	4,946,268	5,956,704	5,817,559	6,889,642
HBCU/MI 2/	233,540	145,624	60,818	35,603
HUBZone 3/	1,083,164	1,434,765	1,786,961	2,202,706
Veteran-owned	2,744,357	3,447,490	3,705,866	5,158,454
Service-disabled veteran-owned	449,021	519,237	718,462	1,126,388

Continued on next page.

Table 10.23-- MILITARY SUBCONTRACTING PROGRAM: 2004 TO 2007 -- Con.

Procurement program	2004	2005	2006 1/	2007 1/
U.S. contracts as percent of total	100.0	100.0	100.0	100.0
Large business	65.5	63.9	62.8	64.0
Small business	34.5	36.1	37.2	36.0
Small disadvantaged business	4.1	4.4	4.8	4.3
Women-owned business	4.9	4.9	5.5	5.4
HBCU/MI 2/	0.2	0.1	0.1	(4/)
HUBZone 3/	1.1	1.2	1.7	1.7
Veteran-owned	2.7	2.9	3.5	4.0
Service-disabled veteran-owned	0.4	0.4	0.7	0.9

1/ The DOD webpage leading to the URL below notes that procurement web sites are no longer the home for the collection, correction, and reporting of DoD procurement information. The data on those sites are static data and reflect how the data were originally collected through FY2006. All the data contained on those sites were migrated to the Federal Procurement Data System Next Generation (FPDS-NG) which is now the official web site <https://www.fpds.gov> for all federal procurement data and reports. USASpending.gov at <http://www.usaspending.gov> also contains current DoD procurement data. FY2007 has been released but futur *Data Book* updates of military subcontractoring are expected to be based on the migrated data/sites.

2/ HBCU/MI Historically Black Colleges and Universities/Minority Institutions.

3/ HUBZone Historically underutilized business zone.

4/ Less than 0.1 percent.

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 November 8, 2010 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.24-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2011

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		6,673	46,156,191	230,929	177,215	45,930.0	94,603	62,369	27,691	4,543
Army total		1,574	15,073,538	189,652	141,272	15,842.4	37,612	27,086	5,983	4,543
Army active		1,523	14,198,126	166,388	141,019	15,559	35,491	25,390	5,810	4,291
Aliamanu Military Reservation	Honolulu	105	286,938	668	661	1,146.5	77	-	-	77
Dillingham Military Res	Waialua	5	4,176	664	664	35.4	40	-	-	40
Fort De Russy	Honolulu	13	786,350	73	73	222.0	729	24	89	616
Fort Shafter	Honolulu	167	1,856,419	589	589	1,219.2	5,622	3,519	1,257	846
Helemano Military Reservation	Wahiawa	23	235,524	293	-	714.5	633	568	11	54
Kahuku Training Area	Kahuku	18	24,078	9,480	8,330	44.7	-	-	-	-
Kawaihae Military Reserve	Waimea	1	938	11	3	14.6	-	-	-	-
Kilauea Military Reserve	Hawaii Nat'l Park	91	165,010	72	1	66.2	45	-	-	45
Kipapa Ammo Storage Site	Waimea	70	179,462	401	401	111.6	-	-	-	-
Makua Military Reserve	Waianae	4	4,873	4,195	3,411	26.2	-	-	-	-
Pohakuloa Training Area	Hilo	172	297,189	131,868	108,829	508.2	852	683	155	14
Pupukea Paalaa Uka Mil Road	Haleiwa	-	-	109	109	17.9	-	-	-	-
Schofield Barracks Mil Reservation	Wahiawa	491	6,808,923	15,612	15,609	6,857.1	17,232	14,087	1,729	1,416
Signal Cable Trunking System	Wahiawa	41	8,871	201	201	118.2	-	-	-	-
Tripler Army Medical Center	Honolulu	39	1,841,173	367	367	2,078.1	4,576	1,685	2,046	845
USA Field Station Kunia	Kunia	11	272,159	89	89	205.4	2,036	1,829	167	40
Waianae-Kai Military Reservation	Waianae	47	47,518	14	-	23.7	30	-	-	30
Waikalkalaua Ammo Storage Tunnels	Mililani	49	104,236	312	312	62.7	-	-	-	-
Wheeler Army Airfield	Wahiawa	176	1,274,289	1,370	1,370	2,087.0	3,619	2,995	356	268
Army National Guard		40	808,079	214	214	247	1,912	1,498	162	252
NG Kalealoa	Kapolei	25	593,027	147	147	155.7	1,779	1,393	139	247
NG Regional Training Institute	Waimanalo	4	75,951	48	48	49.3	90	81	5	4
NG TS Waiawa Gulch	Pearl City	11	139,101	19	19	41.6	43	24	18	1
6 other Army sites 4/		11	67,333	23,050	39	36.5	209	198	11	-
Air Force total		182	482,840	1,276	415	465.7	840	804	36	-
Air Force active		143	235,985	649	409	240	79	52	27	-
Bellows Air Force Station	Kailua	101	142,445	486	409	159.9	39	30	9	-
Kaena Point Satellite Tracking Station	Waianae	29	70,151	153	-	62.2	20	2	18	-
Kokee Air Force Station	Kekaha	13	23,389	10	-	18.1	20	20	-	-
Air National Guard		4	31,016	11	-	20.5	194	194	-	-
Barking Sands Communication Station	Kekaha	4	31,016	11	-	20.5	194	194	-	-
13 other Air Force sites 4/		35	215,839	616	6	205.0	567	558	9	-

Continued on next page.

Table 10.24-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2011-- 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		657	5,968,422	4,670	4,661	5,573.6	36,555	24,794	11,761	-
Marine active		657	5,968,422	4,425	4,419	5,572.9	36,555	24,794	11,761	-
Marine Corps Training Area Bellows	Waimanalo	10	16,189	1,030	1,030	46.0	-	-	-	-
Marine Corps Base Camp Smith	Aiea	52	874,640	221	219	538.2	22,070	17,751	4,319	-
Marine Corps Base Hawaii Kaneohe	Kaneohe	559	4,750,497	2,955	2,951	4,711.8	14,485	7,043	7,442	-
Marine Corps Base Manana Capehart	Pearl City	7	13,636	52	52	150.8	-	-	-	-
Marine Corps Base Hawaii Pearl City Annex	Pearl City	7	255,008	27	27	69.3	-	-	-	-
Marine Corps Base Hawaii Puuloa-Oahu	Ewa Beach	22	58,452	140	140	56.8	-	-	-	-
3 other Marine sites 4/		-	-	245	243	0.5	-	-	-	-
Navy total		4,260	24,631,390	35,331	30,867	24,048.2	19,596	9,685	9,911	-
Navy active		4,246	24,575,059	32,623	29,361	23,977.5	19,596	9,685	9,911	-
Aiea	Aiea	21	29,943	91	91	287.6	-	-	-	-
Caretaker Site Office Barbers Point HI	Barbers Point	-	-	1,246	1,116	101.7	-	-	-	-
Ewa	Ewa Beach	1,895	3,386,309	3,118	3,105	1,502.3	-	-	-	-
Hickam Petroleum Storage Annex	Hickam AF Base	6	7,247	151	92	355.3	-	-	-	-
Honolulu	Pearl Harbor	134	1,193,537	576	573	2,366.7	-	-	-	-
Kalaeloa	Barbers Point	166	1,023,068	254	246	573.9	-	-	-	-
Kamokala Ridge	Kekaha	13	23,582	89	-	17.5	-	-	-	-
Kunia	Kunia	11	276,640	96	96	140.5	-	-	-	-
Makaha Ridge	Kokee	17	28,473	243	-	31.5	-	-	-	-
Manana Housing/Pw Area	Pearl City	1	775	23	23	56.2	-	-	-	-
Naval Station Pearl Harbor	Pearl Harbor	1,042	15,479,401	9,377	9,327	13,493.8	19,596	9,685	9,911	-
PACMISRANFAC Hawaiian Area	Kekaha	213	518,958	4,568	1,933	531.9	-	-	-	-
Pearl City	Pearl City	21	268,715	633	625	593.8	-	-	-	-
Red Hill	Honolulu	7	11,981	243	243	2,062.2	-	-	-	-
Wahiawa	Wahiawa	110	740,893	743	721	684.9	-	-	-	-
Waianae	Lualualei	431	1,103,708	9,228	9,228	792.6	-	-	-	-
Waikele	Waipahu	136	440,075	488	488	275.3	-	-	-	-
Waipahu	Waipahu	22	41,754	1,456	1,454	109.8	-	-	-	-
46 other Navy sites 4/		14	56,332	2,708	1,508	70.7	-	-	-	-

1/ This report also inventories leased buildings (3) and square footage (67,158), and other than owned or leased buildings (7,403) and square footage (26,180,339).

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 identifies other non-military personnel identified as working at the site (e.g., Non-Appropriated Funds (NAF), direct and indirect foreign nationals, contractor personnel).

4/ United States locations must be larger than 10 acres and greater than $10 million PRV (plant replacement value).

Source: U.S. Department of Defense, Office of the Deputy Under Secretary of Defense (Installations & Environment), *Base Structure Report Fiscal Year 2012 Baseline, (A Summary of DoD's Real Property Inventory)* <http://www.acq.osd.mil/ie/download/bsr/bsr2012baseline.pdf> accessed October 17, 2012 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.25-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2012

Site	Name of nearest city	Buildings owned 1/		Buildings other than owned or leased 1/		Acreage		PRV 2/ ($mil.)
		Number	Square feet	Number	Square feet	Total	Owned	
Hawaii total		6,667	45,992,729	7,395	26,035,253	230,486	173,830	45,233.1
Army total		1,565	15,063,312	2,999	12,804,573	189,541	141,515	14,955.1
Army active		1,522	14,354,638	2,999	12,804,573	166,325	141,310	14,754.2
Aliamanu Military Reservation	Honolulu	102	281,326	746	2,816,494	668	661	1,147.8
Dillingham Military Res	Waialua	5	4,176	-	-	664	664	35.4
Fort De Russy	Honolulu	13	786,350	-	-	73	73	222.1
Fort Kamehameha	Hickam AF Base	2	16,165	1	17,504	-	-	15.2
Fort Shafter	Honolulu	166	1,767,958	162	444,623	589	589	1,185.1
Helemano Military Reservation	Wahiawa	14	214,144	216	1,556,062	293	282	702.8
Kahuku Training Area	Kahuku	20	30,443	-	-	9,480	8,330	38.3
Kawaihae Military Reserve	Waimea	1	938	-	-	11	10	14.6
Kilauea Military Reserve	Hawaii Nat'l Park	91	165,010	-	-	72	1	66.3
Kipapa Ammo Storage Site	Mililani	70	179,462	-	-	401	401	111.6
Makua Military Reserve	Waianae	4	4,873	-	-	4,195	3,413	26.2
Pohakuloa Training Area	Hilo	172	297,189	4	362	131,805	108,829	522.1
Pupukea Paalaa Uka Mil Road	Haleiwa	-	-	-	-	109	109	24.6
Schofield Barracks Mil Reservation	Wahiawa	497	7,040,470	1,623	6,997,954	15,612	15,609	6,954.8
Signal Cable Trunking System	Wahiawa	41	8,871	-	-	201	201	118.2
Tripler Army Medical Center	Honolulu	39	1,841,173	40	275,926	367	367	1,946.8
USA Field Station Kunia	Kunia	11	272,159	-	-	89	89	205.4
Waianae-Kai Military Reservation	Waianae	48	47,743	-	-	14	-	23.8
Waikalkalaua Ammo Storage Tunnels	Mililani	49	104,236	-	-	312	312	62.7
Wheeler Army Airfield	Wahiawa	177	1,291,952	207	695,648	1,370	1,370	1,330.4
Army National Guard		35	675,010	-	-	166	166	179.7
NG Kalealoa	Kapolei	26	569,712	-	-	147	147	145.7
NG TS Waiawa Gulch	Pearl City	9	105,298	-	-	19	19	34.0
Army Reserve		3	15,801	-	-	4	4	10.3
SFC Minuru Kunieda USARC	Hilo	3	15,801	-	-	4	4	10.3
4 other Army sites 3/		5	17,863	-	-	23,050	35	11.0

Continued on next page.

Table 10.25-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2012 -- Con.

Site	Name of nearest city	Buildings owned 1/		Buildings other than owned or leased 1/		Acreage		PRV 2/ ($mil.)
		Number	Square feet	Number	Square feet	Total	Owned	
Air Force total		182	482,840	9	69,151	1,272	415	470.1
Air Force active		150	349,988	5	53,698	658	409	368.6
Bellows Air Force Station	Kailua	101	142,445	-	-	486	409	175.4
Kaena Point Satellite Tracking Station	Waianae	29	70,151	-	-	153	-	63.8
Kokee Air Force Station	Kekaha	13	23,389	-	-	9	-	19.7
Maui Space Surveillance Site	Kahului	6	84,779	-	-	5	-	53.7
Wheeler Administration Annex	Wheeler AF Base	1	29,224	5	53,698	5	-	56.0
Air National Guard		17	94,124	-	-	22	-	56.0
Barking Sands Communication Station	Kekaha	4	31,016	-	-	11	-	21.1
Kahului Communication Station	Kahului	5	28,310	-	-	5	-	15.8
Keaukaha Military Reservation	Hilo	8	34,798	-	-	6	-	19.1
9 other Air Force sites 3/		15	38,728	4	15,453	592	6	45.7
Marine Corps total		665	6,094,320	1,261	4,371,178	4,695	3,364	5,613.4
Marine active		665	6,094,320	1,261	4,371,178	4,450	3,177	5,612.8
Marine Corps Training Area Bellows	Waimanalo	11	38,729	-	-	1,030	28	58.7
Marine Corps Base Camp Smith	Aiea	52	874,980	9	19,010	221	219	522.4
Marine Corps Base Hawaii Kaneohe	Kaneohe	565	4,853,265	1,099	3,922,654	2,955	2,686	4,757.9
Marine Corps Base Manana Capehart	Pearl City	7	13,636	153	429,514	52	52	146.4
Marine Corps Base Hawaii Pearl City Annex	Pearl City	7	255,008	-	-	27	27	69.9
Marine Corps Base Hawaii Puuloa-Oahu	Ewa Beach	23	58,702	-	-	165	165	57.5
3 other Marine sites 3/		-	-	-	-	245	187	0.6

Continued on next page.

Table 10.25-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2012 -- Con.

Site	Name of nearest city	Buildings owned 1/		Buildings other than owned or leased 1/		Acreage		PRV 2/ ($mil.)
		Number	Square feet	Number	Square feet	Total	Owned	
Navy total		4,255	24,352,258	3,126	8,790,351	34,978	28,536	24,194.5
Navy active		4,244	24,326,943	3,124	8,785,568	31,927	26,903	24,156.1
AF Facilities Hawaii	Kekaha	3	31,016	-	-	-	-	20.9
Aiea	Aiea	22	36,643	271	497,777	91	78	287.4
Caretaker Site Office Barbers Point HI	Barbers Point	-	-	-	-	887	757	104.8
Ewa	Ewa Beach	1,898	3,412,169	-	-	3,118	3,105	1,503.5
Hickam Petroleum Storage Annex	Hickam AF Base	6	7,247	-	-	151	92	359.5
Honolulu	Pearl Harbor	135	1,198,876	1,900	5,332,228	576	573	2,253.5
Kalaeloa	Barbers Point	166	1,023,068	-	-	254	246	583.4
Kamokala Ridge	Kekaha	13	23,582	-	-	89	-	16.4
Makaha Ridge	Kokee	17	28,473	-	-	243	-	31.7
Manana Housing/Pw Area	Pearl City	1	775	49	125,391	23	23	58.4
Naval Station Pearl Harbor	Pearl Harbor	1,045	15,458,490	339	1,082,169	9,377	9,327	13,941.5
PACMISRANFAC Hawaiian Area	Kekaha	213	518,958	62	98,437	4,568	238	535.0
Pearl City	Pearl City	21	268,739	273	992,863	633	602	583.0
Port Allen	Port Allen	-	-	-	-	2	-	15.6
Red Hill	Honolulu	7	11,981	13	15,796	-	-	2,058.1
Wahiawa	Wahiawa	108	723,958	216	640,529	743	721	676.1
Waianae	Lualualei	431	1,101,453	1	378	9,228	9,217	764.7
Waikele	Waipahu	136	440,075	-	-	488	488	246.6
Waipahu	Waipahu	22	41,440	-	-	1,456	1,436	116.0
47 other Navy sites 3/		11	25,316	2	4,783	3,050	1,635	38.6

1/ This report also inventories leased buildings (3) and square footage (67,158).

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/ United States locations must be larger than 10 acres and greater than $10 million PRV (plant replacement value).

Source: U.S. Department of Defense, Office of the Deputy Under Secretary of Defense (Installations & Environment), *Base Structure Report Fiscal Year 2013 Baseline, (A Summary of DoD's Real Property Inventory)* <http://www.acq.osd.mil/ie/download/bsr/Base%20Structure%20Report%202013_Baseline%2030%20Sept%202012%20Submission.pdf> accessed June 25, 2013 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.26-- MILITARY INSTALLATIONS BY COMPONENT AND SIZE FOR HAWAII AND THE UNITED STATES: SEPTEMBER 30, 2011

Location and component	Total	Large 1/	Medium 2/	Small 3/	Other 4/
Hawaii	118	7	3	69	39
Army	28	3	2	21	2
Navy	64	3	1	25	35
Air Force	17	0	-	16	1
Marine Corps	9	1	-	7	1
United States	4,451	111	103	3,803	434
Army	1,871	39	33	1,684	115
Navy	774	24	29	571	150
Air Force	1,535	38	37	1,318	142
Marine Corps	135	9	4	95	27
Washington Headquarters Service	136	1	-	135	-
Hawaii as percent of the U.S.	2.7	6.3	2.9	1.8	9.0
Army	1.5	7.7	6.1	1.2	1.7
Navy	8.3	12.5	3.4	4.4	23.3
Air Force	1.1	0.0	0.0	1.2	0.7
Marine Corps	6.7	11.1	0.0	7.4	3.7

1/ A large installation has a total plant replacement value (PRV) greater than or equal to $1.715 billion.

2/ A medium installation has a total plant replacement value (PRV) less than $1.715 billion and greater than or equal to $915 million.

3/ A small installation has a total plant replacement value (PRV) less than $915 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 2012 Baseline,* pp. DOD-23 and 26 <http://www.acq.osd.mil/ie/download/bsr/bsr2012baseline.pdf> accessed October 17, 2012 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.27-- HOUSING UNITS IN SELECTED MILITARY AREA CENSUS-DESIGNATED PLACES: 2010

[Due to changes in Census-Designated Places (CDP) boundaries, data from the 2000 and 2010 censuses are not comparable. For information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/doc/sf1.pdf>]

Geographic area	State total	Occupied housing units		
		Total	Owner	Renter
Total housing units	519,508	455,338	262,682	192,656
Ahuimanu CDP	2,826	2,745	2,199	546
Hickam Housing CDP	2,353	1,918	7	1,911
Iroquois Point CDP	1,119	1,064	1	1,063
Kaneohe Station CDP	2,208	2,115	18	2,097
Schofield Barracks CDP	4,020	3,602	18	3,584
Wheeler AFB CDP	593	554	3	551

Source: U.S. Census Bureau, 2010 Census Summary File 1 compiled by Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center, SF1 Geographic Comparison Tables, Resident Tables by Census Designated Places for the State of Hawaii "GCT-H2 - Hawaii: General Housing Characteristics: 2010 - State -- Place" and "GCT-H3 - Hawaii: Occupied Housing Characteristics: 2010 - State -- Place" <http://dbedt.hawaii.gov/census/Census_2010/SF1/index_html/> accessed July 17, 2013.

Table 10.28-- MILITARY HOUSING PRIVATIZATION INITIATIVE PROJECTS: AUGUST 2008

[The MHPI is a 50-year public-private partnership as authorized under the National Defense Defense Act for Fiscal Year 1996 to facilitate upgrade and maintenance of the inventory of military housing units]

Component and location	Total	New homes	Renovated homes
Total dwelling units	14,958	9,562	5,396
Army	7,945	5,388	2,557
Schofield Barracks	4,066	2,916	1,150
Aliamanu/Red Hill	1,717	1,691	26
Wheeler Army/Air Field	669	262	407
Fort Shafter	362	276	86
Helemano	946	58	888
Tripler Army Medical Center	185	185	-
Air Force	2,474	1,142	1,332
Hickam Air Force Base	2,474	1,142	1,332
Navy/Marine	4,539	3,032	1,507
Pearl Harbor, Camp Smith, Manana	2,654	1,740	914
Wahiawa	229	174	55
Marine Corps Base Hawaii	1,656	1,118	538

Source: *Honolulu Advertiser* "Military housing boom offsets slow civilian sector", August 31, 2008 <http://the.honoluluadvertiser.com/article/2008/Aug/31/bz/hawaii808310344.html> accessed September 2, 2008.

Table 10.29-- MILITARY MONTHLY BASIC ALLOWANCES FOR HOUSING RATES, BY COUNTY: 2013

[In dollars. Rates take effect January 1. The Basic Allowance for Housing (BAH) is based on geographic duty location, pay grade, and dependency status. The intent of BAH is to provide uniformed service members with permanent duty within the 50 United States accurate and equitable housing compensation based on housing costs, including median current market rent, average utilities (including electricity, heat, and water/sewer), and average renter's insurance in local civilian housing markets, and is payable when government quarters are not provided. Total housing costs are calculated for six housing profiles based on dwelling type and number of bedrooms, in each military housing area. BAH rates are then calculated for each pay grade, with and without dependents]

	With dependents				Without dependents			
Code 1/	Maui County	Honolulu County	Hawaii County	Kauai County	Maui County	Honolulu County	Hawaii County	Kauai County
E01	1,593	2,172	1,332	1,728	1,245	1,680	999	1,329
E02	1,593	2,172	1,332	1,728	1,245	1,680	999	1,329
E03	1,593	2,172	1,332	1,728	1,245	1,680	999	1,329
E04	1,593	2,172	1,332	1,728	1,245	1,680	999	1,329
E05	1,752	2,256	1,449	1,860	1,374	1,953	1,128	1,509
E06	2,121	2,664	1,761	2,013	1,593	2,100	1,320	1,617
E07	2,160	2,835	1,770	2,070	1,620	2,178	1,341	1,737
E08	2,199	3,021	1,782	2,133	1,827	2,337	1,512	1,890
E09	2,340	3,255	1,821	2,304	1,941	2,463	1,608	1,938
W01	2,124	2,667	1,764	2,016	1,596	2,142	1,323	1,680
W02	2,175	2,913	1,776	2,094	1,821	2,334	1,509	1,887
W03	2,226	3,141	1,791	2,172	1,953	2,475	1,617	1,941
W04	2,382	3,300	1,836	2,352	2,130	2,706	1,764	2,025
W05	2,571	3,486	1,890	2,565	2,169	2,880	1,776	2,085
O01E	2,166	2,874	1,773	2,082	1,752	2,256	1,449	1,860
O02E	2,217	3,108	1,785	2,160	1,914	2,436	1,587	1,926
O03E	2,412	3,327	1,845	2,385	2,121	2,664	1,761	2,013
O01	1,794	2,301	1,485	1,875	1,434	2,088	1,215	1,599
O02	2,115	2,655	1,755	2,010	1,698	2,229	1,410	1,815
O03	2,223	3,132	1,788	2,169	1,989	2,517	1,650	1,956
O04	2,643	3,558	1,914	2,646	2,163	2,856	1,773	2,076
O05	2,946	3,858	2,004	2,991	2,208	2,964	1,779	2,244
O06	2,973	3,897	2,022	3,021	2,232	3,141	1,788	2,265
O07	3,003	3,933	2,043	3,051	2,271	3,204	1,824	2,289

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, Defense Travel Management Office, pdc-archive, BAH, PDF, 2013 <https://www.defensetravel.dod.mil/site/pdcFiles.cfm?dir=/Allowances/BAH/PDF/> accessed July 11, 2013.

Table 10.30-- VETERAN STATUS OF CIVILIANS 17 YEARS AND OVER: 2000 TO 2012

[As of April 1 for 2000, and 2010 and otherwise July 1 for civilian population and September 30 for veteran population. Civilian population 17 and over unless otherwise noted. Veteran population rounded to the nearest 1,000. 2010 and 2011 revised from previous *Data Book*]

Veteran status	2000 1/	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 1/	2010	2011	2012
Civilian population	889,005	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	1,031,276	1,036,298	1,049,938	1,062,017
Male	427,316	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	497,968	500,609	509,171	517,481
Female	461,689	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	533,308	535,689	540,767	544,536
Veterans	121,000	120,000	120,000	120,000	120,000	119,000	119,000	119,000	118,000	117,000	116,000	117,000	117,000	117,000
Male veterans	111,000	111,000	110,000	110,000	109,000	109,000	108,000	108,000	107,000	106,000	105,000	103,000	103,000	103,000
Female veterans	9,000	9,000	10,000	10,000	10,000	11,000	11,000	11,000	11,000	11,000	12,000	14,000	14,000	14,000
War veterans 3/	92,000	91,000	90,000	90,000	89,000	89,000	89,000	89,000	88,000	88,000	87,000	91,000	92,000	93,000
Persian Gulf War 4/	18,000	20,000	21,000	23,000	25,000	27,000	29,000	31,000	33,000	35,000	36,000	41,000	45,000	48,000
Vietnam era	42,000	41,000	40,000	40,000	39,000	38,000	38,000	37,000	37,000	36,000	36,000	36,000	35,000	34,000
Korean conflict	18,000	17,000	17,000	16,000	16,000	15,000	15,000	14,000	13,000	12,000	12,000	12,000	11,000	10,000
World War II	23,000	21,000	19,000	18,000	17,000	15,000	14,000	11,000	10,000	9,000	8,000	8,000	6,000	5,000
World War I	(5/)	(5/)	(5/)	(5/)	(5/)	(5/)	-	-	-	-	-	-	-	-
Peacetime only	29,000	29,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	29,000	26,000	24,000	24,000
Nonveterans	461,689	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	915,000	920,000	933,000	945,000

1/ April 1 estimates base civilian; April 1, 2000 is 18 years and over and April 1, 2010 is 17 years and over.
2/ Not available. The U.S. Bureau has not released revised intercensal civilian population estimates by age and sex.
3/ Detail adds to more than subtotal because some veterans served in more than one war.
4/ Service from August 2, 1990 to the present.
5/ Fewer than 100.

Source: U.S. Census Bureau, Population Division, "Annual Estimates of the Civilian Population by Single Year of Age and Sex for the United States and States: April 1, 2010 to July 1, 2012 (SC-EST2012-agesex-civ.cvs) <http://www.census.gov/popest/data/datasets.html> accessed July 28, 2013; U.S. Department of Veterans Affairs, Census 2000 Veteran Data, Sex by Age by Armed Forces Status by Veteran Status for the Population 18 Years and Over <http://www1.va.gov/vetdata/docs/agesexdata.xls> accessed March 13, 2009; Ibid. "VetPop2007 State Tables, Period of Service, Table 2L: Veterans by State, Period, Age Group, Gender, 2000-2036" <http://www1.va.gov/VETDATA/Demographics/Demographics.asp> accessed July 13, 2012; Ibid. "Veteran Population Projection Model 2011 (VetPop2011) for 2011 to 2040" <http://www.va.gov/VETDATA/docs/Demographics/New_Vetpop_Model/7lVetPop11_POS_State.xlsx> accessed July 28, 2013; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.31-- ARMED FORCES STATUS, BY VETERAN STATUS, BY SEX AND AGE FOR THE POPULATION 18 YEARS AND OVER: 2011

Characteristic	Hawaii	United States	Hawaii as percent of U.S.
Total			
18 years and over	1,070,453	237,681,218	0.5
In Armed Forces 1/	36,340	1,015,444	3.6
Civilian	1,034,113	236,665,774	0.4
Veteran	109,218	21,458,427	0.5
Nonveteran	924,895	215,207,347	0.4
18 to 64 years	866,984	196,296,192	0.4
In Armed Forces 1/	36,340	1,015,444	0.6
Civilian	830,644	195,280,748	0.4
Veteran	67,476	12,242,199	0.6
Nonveteran	763,168	183,038,549	0.4
65 years and over	203,469	41,385,026	0.5
In Armed Forces 1/	-	-	(X)
Civilian	203,469	41,385,026	0.5
Veteran	41,742	9,216,228	0.5
Nonveteran	161,727	32,168,798	0.5
Male			
18 years and over	533,483	115,448,178	0.5
In Armed Forces 1/	32,348	878,591	3.7
Civilian	501,135	114,569,587	0.4
Veteran	99,739	19,892,449	0.5
Nonveteran	401,396	94,677,138	0.4
18 to 64 years	443,351	97,531,932	0.5
In Armed Forces 1/	32,348	878,591	3.7
Civilian	411,003	96,653,341	0.4
Veteran	59,427	10,926,854	0.5
Nonveteran	351,576	85,726,487	0.4
65 years and over	90,132	17,916,246	0.5
In Armed Forces 1/	-	-	(X)
Civilian	90,132	17,916,246	0.5
Veteran	40,312	8,965,595	0.4
Nonveteran	49,820	8,950,651	0.6

Continued on next page.

Table 10.31-- ARMED FORCES STATUS, BY VETERAN STATUS, BY SEX AND AGE FOR THE POPULATION 18 YEARS AND OVER: 2011-- Con.

Characteristic	Hawaii	United States	Hawaii as percent of U.S.
Female			
18 years and over	536,970	122,233,040	0.4
In Armed Forces 1/	3,992	136,853	2.9
Civilian	532,978	122,096,187	0.4
Veteran	9,479	1,565,978	0.6
Nonveteran	523,499	120,530,209	0.4
18 to 64 years	423,633	98,764,260	0.4
In Armed Forces 1/	3,992	136,853	2.9
Civilian	419,641	98,627,407	0.4
Veteran	8,049	1,315,345	0.6
Nonveteran	411,592	97,312,062	0.4
65 years and over	113,337	23,468,780	0.5
In Armed Forces 1/	-	-	(X)
Civilian	113,337	23,468,780	0.5
Veteran	1,430	250,633	0.6
Nonveteran	111,907	23,218,147	0.5

X Not applicable.
1/ Calculated as "Total" less "Civilian".
Source: U.S. Census Bureau, 2011 American Community Survey (ACS) 1-Year Estimates for the United States and Hawaii "B21001: Sex By Age By Veteran Status for the Civilian Population 18 Years and Over - Universe: Civilian population 18 years and over" <http://factfinder2.census.gov/rest/dnldController/deliver?_ts=393252202525> and "DP05 ACS 2011 1-Year Estimates for the Demographic and Housing Estimates" <http://factfinder2.census.gov/rest/dnldController/deliver?_ts=393252364661> accessed July 30, 2013 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 10.32-- DISTRIBUTION OF VETERANS AFFAIRS POPULATION AND EXPENDITURES, BY COUNTY: 2010 TO 2012

[In number of persons and thousands of dollars. Fiscal year ending September 30]

Subject	State	Hawaii	City & County of Honolulu	Kalawao	Kauai	Maui
2010						
Veteran population 1/	116,166	15,986	82,112	7	6,314	11,745
Unique patients 2/	20,571	3,365	14,165	1	1,196	1,844
Total expenditure	537,173	72,053	402,201	12	20,266	42,641
Compensation & pension 3/	243,813	38,264	171,835	10	10,062	23,642
Educ. & vocational rehab/emp.	82,546	2,919	77,127	-	778	1,721
Medical care 4/	174,045	29,531	119,523	2	9,038	15,952
Insurance & indemnities	13,650	1,339	10,597	-	388	1,326
Construction	8,467	-	8,467	-	-	-
General operating expenses	14,652	-	14,652	-	-	-
2011						
Veteran population 1/	114,892	15,865	80,969	8	6,299	11,751
Unique patients 2/	21,320	3,505	14,648	2	1,214	1,951
Total expenditure	628,744	81,836	470,265	53	25,206	51,383
Compensation & pension 3/	306,329	48,224	214,880	-	12,534	30,691
Educ. & vocational rehab/emp.	128,522	3,361	121,863	-	1,074	2,225
Medical care 4/	164,815	29,072	107,024	53	11,300	17,365
Insurance & indemnities	12,435	1,179	9,855	-	298	1,103
Construction	2,373	-	2,373	-	-	-
General operating expenses	14,269	-	14,269	-	-	-
2012						
Veteran population 1/	116,844	15,863	84,922	5	5,345	10,709
Unique patients 2/	22,169	3,569	15,271	3	1,273	2,053
Total expenditure	607,054	77,189	457,883	22	23,438	48,523
Compensation & pension 3/	268,665	41,435	189,236	-	11,290	26,705
Educ. & vocational rehab/emp.	132,202	2,955	126,137	-	1,067	2,044
Medical care 4/	177,283	31,672	116,136	22	10,607	18,845
Insurance & indemnities	13,187	1,127	10,656	-	474	929
Construction	1,605	-	1,605	-	-	-
General operating expenses	14,112	-	14,112	-	-	-

1/ Veteran population estimated as of September 30. Source obtained data from Office of the Actuary, Department of Veterans Affairs (VetPop07 for 2009 to 2011).

2/ Patients who received treatment at a VA health care facility.

3/ Includes expenditures for veterans' compensation for service-connected disability; dependency and indemnity compensation for service-connected deaths; veterans' pension for nonservice-connected disabilities; and for burial and other benefits to veterans and their survivors.

4/ Includes medical services, medical administration, facility maintenance, educational support, research support, and other overhead items. Medical Care does not include construction or other non-medical support expenditures. Beginning in 2008, the new medical care figures were based on where patients live instead of where care was delivered.

Source: U.S. Department of Veteran Affairs, National Center for Veterans Analysis & Statistics, Expenditures, "Geographic Distribution of VA Expenditures (GDX)" (annual) <http://www.va.gov/vetdata/Expenditures.asp> accessed June 12, 2013.

Table 10.33-- MILITARY RETIREMENT SYSTEM: 2012

[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	16,942	16,061	36,507	2,273
By branch of service 3/				
Army	6,211	5,794	12,542	2,165
Navy	4,842	4,642	11,029	2,376
Marine Corps	1,082	999	2,805	2,808
Air Force	4,807	4,626	10,132	2,190
Exhibit: Coast Guard 3/	373	364	(NA)	(NA)
By rank				
Officers	4,826	4,784	17,154	3,586
Nondisabled and reserve	4,663	4,646	16,795	3,615
Disabled	163	138	359	2,601
Enlisted	12,116	11,277	19,353	1,716
Nondisabled and reserve	11,083	10,779	18,861	1,750
Disabled	1,033	498	492	988
Department of Defense, over 65	7,682	7,203	16,307	2,264
By branch of service 3/				
Army	3,190	2,992	6,262	2,093
Navy	1,742	1,618	4,158	2,570
Marine Corps	393	358	1,061	2,964
Air Force	2,357	2,235	4,826	2,159
Exhibit: Coast Guard 3/	172	166	(NA)	(NA)
By rank				
Officers	2,652	2,626	8,890	3,385
Nondisabled and reserve	2,582	2,565	8,693	3,389
Disabled	70	61	197	3,230
Enlisted	5,030	4,577	7,417	1,620
Nondisabled and reserve	4,741	4,439	7,230	1,629
Disabled	289	138	187	1,355

Continued on next page.

Table 10.33-- MILITARY RETIREMENT SYSTEM: 2012 -- Con.

Category	Number retired	Monthly payment 2/ ($1,000)	Average payment per person paid (dollars)
Department of Defense, concurrent receipt	3,193	4,420	1,384
Concurrent Retirement & Disability Pay (CRDP)	2,616	3,781	1,445
Nondisabled	2,405	3,487	1,450
Disabled	98	172	1,755
Reserve	113	122	1,080
Combat Related Special Compension (CRSC)	577	639	1,107
Nondisabled	399	524	1,313
Disabled	87	60	690
Reserve	91	55	604
Military survivors, by branch of servicemember 3/			
Receiving pay 4/	2,388	2,391	1,001
Army	1,251	1,135	907
Navy	488	556	1,139
Marine Corps	119	160	1,345
Air Force	530	540	1,019
Exhibit: Coast Guard 3/	11	(NA)	(NA)
Over 65 receiving pay 4/	2,031	2,115	1,041
Army	1,077	1,018	945
Navy	418	497	1,189
Marine Corps	95	134	1,411
Air Force	441	465	1,054
Exhibit: Coast Guard 3/	10	(NA)	(NA)

NA Not available.

1/ Number retired includes all living retirees, including some whose net pay is $0. Number paid by DoD includes only those whose net pay by this definition is greater than $0. Net pay is the pay after deductions for survivor premiums and benefits offset by a VA award. It is the pay before any deductions for withholding taxes and allotments.

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 Homeland Security, 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.

Source: U.S. Department of Defense, Office of the Actuary, *Fiscal Year 2012 DOD Statistical Report on the Military Retirement System* (May 2013) pp. 26-30 and 193-194 <http://actuary.defense.gov/> accessed June 12, 2013 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: 2012* presents comparable national data.

Table Number **Table Name**

(Click on the table number to go to corresponding table)

Narrative

11.01	Temporary Assistance to Needy Families, Average Monthly, by Island: 2007 to 2012
11.02	Temporary Assistance to Other Needy Families, Average Monthly, by Island: 2007 to 2012
11.03	Average Monthly Cases Served by the Food Stamp Program, by Island: Annually, 1980 to 2012
11.04	Average Monthly Number of Individuals Served by the Food Stamp Program, by Island: Annually, 1980 to 2012
11.05	Annual Benefits of the Food Stamp Program, by Island: 1988 to 2012
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11.14	Disability Status and Number of Persons with a Disability, for the State and Oahu: 2011
11.15	Persons Served by State Homeless Programs, by County: 2006 to 2012
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11.18	Homeless Persons, by Survey Category: 2006 and 2007 Estimates
11.19	Hawaii State Employees' Retirement System: 1992 to 2012
11.20	Unemployment Insurance: 1987 to 2011
11.21	Child Day Care Services (NAICS 6244), by Federal Income Tax Status and Broad Geographic Area: 1997 to 2007
11.22	Licensed Child Care Centers and Licensed Family Child Care Providers: 2003 to 2008

Table Number **Table Name**

(Click on the table number to go to corresponding table)

11.23	501(c)(3) Public Charities in Hawaii, by Type: Circa 2010
11.24	Quality of Life Index Rankings, for the State and the Honolulu Metropolitan Statistical Area (MSA): 1996 to 2012

Table 11.01-- TEMPORARY ASSISTANCE TO NEEDY FAMILIES, AVERAGE MONTHLY, BY ISLAND: 2007 TO 2012

[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
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
2008								
Cases	5,951	3,810	1,381	241	519	(NA)	435	84
Recipients	14,461	9,314	3,398	537	1,212	(NA)	1,009	203
Expenditures 1/	3,420	2,189	812	135	284	(NA)	236	48
2009								
Cases	6,032	3,712	1,487	249	584	(NA)	498	86
Recipients	14,678	9,078	3,679	559	1,362	(NA)	1,159	203
Expenditures 1/	3,447	2,126	866	137	318	(NA)	270	48
2010								
Cases	6,696	3,945	1,721	297	733	(NA)	605	128
Recipients	17,188	10,072	4,549	709	1,858	(NA)	1,504	354
Expenditures 1/	3,713	2,199	969	157	388	(NA)	316	72
2011								
Cases	7,711	4,323	2,165	342	881	(NA)	697	184
Recipients	21,206	11,656	6,215	886	2,449	(NA)	1,889	560
Expenditures 1/	4,321	2,442	1,235	174	470	(NA)	363	107
2012								
Cases	7,926	4,369	2,283	342	932	(NA)	729	203
Recipients	21,966	11,927	6,528	890	2,621	(NA)	1,999	622
Expenditures 1/	4,419	2,456	1,299	170	494	(NA)	374	120

NA Not available.

1/ Thousands of dollars.

Source: Hawaii State Department of Human Services, Research, *A Statistical Report on Welfare in Hawaii* (annual) and records.

Table 11.02-- TEMPORARY ASSISTANCE TO OTHER NEEDY FAMILIES, AVERAGE MONTHLY, BY ISLAND: 2007 TO 2012

[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
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
2008								
Cases	2,394	1,767	450	49	128	(NA)	79	49
Recipients	8,522	6,200	1,677	167	478	(NA)	287	191
Expenditures 1/	1,337	983	258	29	68	(NA)	39	29
2009								
Cases	2,629	1,744	605	69	211	(NA)	138	73
Recipients	9,489	6,170	2,297	224	798	(NA)	529	269
Expenditures 1/	1,459	965	348	38	108	(NA)	64	44
2010								
Cases	2,245	1,470	510	64	201	(NA)	149	52
Recipients	8,025	5,134	1,898	217	776	(NA)	584	192
Expenditures 1/	1,203	771	292	34	106	(NA)	76	30
2011								
Cases	1,781	1,226	374	42	139	(NA)	127	12
Recipients	6,172	4,120	1,367	138	547	(NA)	502	45
Expenditures 1/	932	628	210	21	73	(NA)	67	6
2012								
Cases	1,885	1,267	411	41	166	(NA)	144	22
Recipients	6,644	4,352	1,518	142	632	(NA)	548	84
Expenditures 1/	966	644	223	19	80	(NA)	69	11

NA Not available.

1/ Thousands of dollars.

Source: Hawaii State Department of Human Services, Research, *A Statistical Report on Welfare in Hawaii* (annual) and records.

Table 11.03-- AVERAGE MONTHLY CASES SERVED BY THE FOOD STAMP PROGRAM, BY ISLAND: ANNUALLY, 1980 TO 2012

[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
2008	47,546	30,868	10,562	2,148	3,968	71	3,313	584
2009	54,925	34,341	12,921	2,712	4,951	93	4,182	676
2010	66,885	40,247	16,238	3,701	6,699	122	5,766	811
2011	77,133	45,016	19,462	4,487	8,168	161	7,047	960
2012	86,418	49,572	21,899	5,084	9,863	173	8,638	1,052

NA Not available.

Source: Hawaii State Department of Human Services, Research, *A Statistical Report on Welfare in Hawaii* (annual) and records.

Table 11.04-- AVERAGE MONTHLY NUMBER OF INDIVIDUALS SERVED BY THE FOOD STAMP PROGRAM, BY ISLAND: ANNUALLY, 1980 TO 2012

[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
2008	93,956	60,135	21,378	4,205	8,058	134	6,468	1,456
2009	109,268	67,597	26,222	5,347	10,102	203	8,268	1,631
2010	133,043	80,002	32,289	7,207	13,545	260	11,395	1,890
2011	154,496	90,602	38,692	8,697	16,505	339	14,047	2,119
2012	172,675	99,836	43,279	9,844	19,716	358	17,031	2,327

NA Not available.

Source: Hawaii State Department of Human Services, Research, *A Statistical Report on Welfare in Hawaii* (annual) and records.

Table 11.05-- ANNUAL BENEFITS OF THE FOOD STAMP PROGRAM, BY ISLAND: 1988 TO 2012

[In dollars. Fiscal year ending June 30]

Year	State	Oahu	Hawaii	Kauai	Maui County			
					County total	Lanai	Maui	Molokai
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
2008	175,708,471	112,427,316	40,485,935	7,675,230	15,119,990	232,000	12,180,004	2,707,986
2009	242,643,675	148,694,447	58,966,224	11,885,971	23,097,033	416,402	19,150,952	3,529,679
2010	344,944,695	205,295,932	84,580,309	18,439,872	36,628,582	646,050	31,241,394	4,741,138
2011	401,125,167	232,589,629	101,402,892	22,359,632	44,773,014	837,977	38,496,199	5,438,838
2012	446,125,011	255,234,297	113,340,246	24,985,524	52,564,944	904,961	45,642,853	6,017,130

NA Not available.

Source: Hawaii State Department of Human Services, Research, *A Statistical Report on Welfare in Hawaii* (annual) and records.

Table 11.06-- RETIREMENT, SURVIVORS AND DISABILITY INSURANCE (OASDI) BENEFICIARIES IN CURRENT-PAYMENT STATUS, BY AGE, RACE, AND SEX: 2009 TO 2011

[December data. Based on Master Beneficiary Record, 100 percent data]

Age, race, and sex	2009	2010	2011
Age	220,491	227,914	234,314
17 or under	11,396	11,580	11,639
18 to 54	13,617	14,067	14,155
55 to 61	8,385	8,714	8,812
62 to 64	20,500	21,704	21,941
65 to 69	46,553	49,311	52,371
70 to 74	36,413	37,613	39,524
75 to 79	30,667	30,505	30,363
80 to 84	26,389	26,442	26,254
85 to 89	17,506	18,058	18,583
90 to 99	8,825	9,662	10,385
100 or older	240	258	287
Race 1/	220,491	(NA)	(NA)
White	66,986	(NA)	(NA)
Black	2,640	(NA)	(NA)
Other 2/	148,733	(NA)	(NA)
Adult beneficiaries	206,112	213,291	234,314
Men	92,307	95,878	99,046
Women	113,805	117,413	120,490

NA Not available.

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/2012/5j.pdf> accessed May 30, 2013.

Table 11.07-- RETIREMENT, SURVIVORS AND DISABILITY INSURANCE (OASDI) BENEFICIARIES AND BENEFITS IN CURRENT-PAYMENT STATUS, BY TYPE OF BENEFIT: 2010 AND 2011

[December data. Based on Master Beneficiary Record, 100 percent data]

Type of benefit	Number of OASDI beneficiaries		Amount of monthly benefits ($1,000)	
	2010	2011	2010	2011
Total 1/	227,914	234,314	248,933	267,756
Retirement	178,129	184,015	200,512	216,898
Retired workers	166,828	172,624	194,235	210,267
Spouses	7,836	7,827	4,284	4,503
Children	3,465	3,564	1,993	2,128
Survivors	21,894	21,756	21,789	22,561
Widow(er)s and parents	15,525	15,428	16,799	17,406
Children	6,369	6,328	4,990	5,155
Disability	27,891	28,543	26,631	28,297
Disabled workers	22,686	23,221	24,933	26,507
Spouses	416	436	120	130
Children	4,789	4,886	1,578	1,660
Age 65 and over	171,849	177,767	196,934	213,637
Men	75,377	78,255	96,052	104,404
Women	96,472	99,512	100,882	109,233

1/ Totals do not necessarily equal the sum of rounded components.

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/2012/5j.pdf> accessed May 30, 2013.

Table 11.08-- RETIREMENT, SURVIVORS AND DISABILITY INSURANCE (OASDI) BENEFICIARIES IN CURRENT-PAYMENT STATUS, BY COUNTY: DECEMBER 2011

[December data. Based on Master Beneficiary Record, 100 percent data]

County 1/	Total	Retirement			Survivors		Disability			Aged 65 or older	
		Retired workers	Spouses	Children	Widow-(er)s 2/	Children	Disabled workers	Spouses	Children	Men	Women
State total 3/	234,314	172,624	7,827	3,564	15,428	6,328	23,221	436	4,886	78,255	99,512
Hawaii	36,710	25,380	1,010	580	2,370	1,025	5,150	90	1,105	11,900	13,340
Honolulu	159,550	119,750	5,760	2,340	10,670	4,180	13,650	285	2,915	53,925	71,230
Kauai	12,945	9,470	400	250	865	345	1,340	20	255	4,275	5,170
Maui	25,110	18,025	655	395	1,525	780	3,080	40	610	8,155	9,770

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 nondisabled widow(er)s, disabled widow(er)s, widowed mothers and fathers, and parents.

3/ Includes beneficiaries with unknown county code.

Source: U.S. Department of Health and Human Services, Social Security Administration, *OASDI Beneficiaries by State and County, 2011*, table 4 <http://www.ssa.gov/policy/docs/statcomps/oasdi_sc/2011/hi.pdf> accessed April 10, 2013.

Table 11.09-- RETIREMENT, SURVIVORS AND DISABILITY INSURANCE (OASDI) BENEFITS IN CURRENT-PAYMENT STATUS, BY COUNTY: DECEMBER 2011

[In thousands of dollars. December data. Based on Master Beneficiary Record, 100 percent data]

County 1/	Total	Retirement			Survivors		Disability			Aged 65 or older	
		Retired workers	Spouses	Children	Widow-(er)s 2/	Children	Disabled workers	Spouses	Children	Men	Women
State total 3/	267,756	210,267	4,503	2,128	17,406	5,155	26,507	130	1,660	104,404	109,233
Hawaii	40,573	30,065	597	323	2,683	809	5,739	27	331	15,613	14,266
Honolulu	183,966	147,218	3,289	1,416	11,978	3,440	15,514	85	1,026	72,304	78,713
Kauai	14,568	11,288	234	144	963	279	1,564	6	91	5,621	5,560
Maui	28,649	21,696	384	246	1,781	627	3,691	11	213	10,865	10,694

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 nondisabled widow(er)s, disabled widow(er)s, widowed mothers and fathers, and parents.

3/ Includes beneficiaries with unknown county code.

Source: U.S. Department of Health and Human Services, Social Security Administration, *OASDI Beneficiaries by State and County, 2011, table 5* <http://www.ssa.gov/policy/docs/statcomps/oasdi_sc/2011/hi.pdf> accessed April 10, 2013.

Table 11.10-- NUMBER AND PERCENT RECEIVING RETIREMENT, SURVIVORS AND DISABILITY INSURANCE (OASDI) BENEFITS: DECEMBER 2011

[December data. Based on Master Beneficiary Record, 100 percent data]

Comparison	Total population		Aged 65 or older	
	Number (1,000) 1/	Percentage receiving benefits	Number (1,000) 1/	Percentage receiving benefits
United States	311,592	17.8	41,394	92.5
Hawaii	1,375	17.0	203	87.8

1/ Population estimates for the United States as of July 1, 2011, 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, 2011,* table 1 <http://www.ssa.gov/policy/docs/statcomps/oasdi_sc/2011/hi.pdf> accessed April 10, 2013.

Table 11.11-- SOCIAL SECURITY BENEFICIARIES AND BENEFITS PAID: 1991 TO 2011

[December data. Prior to 2006 based on 10-percent samples, 2006 and after based on Master Beneficiary Record, 100 percent data]

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
2007	207,992	207,882	2,422
2008	212,890	227,489	2,557
2009	220,491	238,128	2,813
2010	227,914	248,933	2,940
2011	234,314	267,756	3,056

1/ Prior to 2007 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/2012/5j.pdf> accessed May 30, 2013.

Table 11.12-- MEDICARE BENEFICIARIES ENROLLED: 2008 to 2010

[As of July]

Coverage	All persons			Persons 65 and over		
	2008	2009	2010	2008	2009	2010
Hospital (Part A) and/or supplementary medical insurance (Part B)	194,012	198,989	205,161	172,296	177,600	183,066
Hospital insurance (Part A and B, and Part A only)	193,354	198,426	204,630	171,638	177,038	182,538
Hospital insurance (Part A only)	17,508	18,637	20,064	14,731	16,031	17,413
Supplementary medical insurance (Part A and B, and Part B only)	176,504	180,352	185,097	157,565	161,569	165,653
Supplementary medical insurance (Part B only)	658	563	531	658	562	528
Hospital (Part A) and supplementary medical insurance (Part B)	175,846	179,789	184,566	156,907	161,007	165,125

Source: U.S. Department of Health and Human Services, Centers for Medicare and Medicaid Services <http://www.cms.hhs.gov/MedicareEnrpts> accessed June 29, 2012; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 11.13-- SENIOR MEDICARE ENROLLEES BY COUNTY: 2008 to 2010

[As of July 1, for persons 65 years and over. From the 100 percent denominator file]

Year	Honolulu	Hawaii	Maui 1/	Kauai
2008	125,174	22,360	16,010	8,747
2009	128,469	23,505	16,607	9,015
2010	131,720	24,632	17,329	9,379

1/ Includes Kalawao County, for 2009 Kalawao had 28 enrollees and for 2010 Kalawao had 26 enrollees.

Source: U.S. Department of Health and Human Services, Centers for Medicare and Medicaid Services, Office of Information Services, CMS denominator files <http://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/MedicareEnrpts/index.html?redirect=/MedicareEnrpts/> accessed June 29, 2012.

TABLE 11.14-- DISABILITY STATUS AND NUMBER OF PERSONS WITH A DISABILITY, FOR THE STATE AND OAHU: 2011

[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
Age under 5 years				
With any disability	324	478	244	258
With a hearing difficulty	117	359	37	139
With a vision difficulty	207	119	207	119
Age 5 to 17 years				
With any disability	6,606	2,558	4,484	2,056
With a hearing difficulty	1,483	86	1,063	86
With a vision difficulty	1,223	566	1,148	566
With a cognitive difficulty	4,957	1,634	3,704	1,147
With an ambulatory difficulty	966	291	966	277
With a self-care difficulty	1,720	330	1,341	325
Age 18 to 34 years				
With any disability	8,327	4,890	3,952	3,206
With a hearing difficulty	1,476	746	913	501
With a vision difficulty	985	682	561	552
With a cognitive difficulty	6,044	3,615	2,963	2,468
With an ambulatory difficulty	1,654	2,182	1,073	1,458
With a self-care difficulty	1,011	1,137	648	735
With an independent living difficulty	4,120	1,817	1,870	1,373
Age 35 to 64 years				
With any disability	27,548	22,260	19,033	14,832
With a hearing difficulty	8,216	4,643	5,343	2,724
With a vision difficulty	5,350	3,362	2,668	2,197
With a cognitive difficulty	11,713	7,259	9,123	4,954
With an ambulatory difficulty	13,775	12,710	9,261	8,890
With a self-care difficulty	4,533	4,611	3,369	2,549
With an independent living difficulty	6,822	8,588	5,074	5,380

Continued on next page.

TABLE 11.14-- DISABILITY STATUS AND NUMBER OF PERSONS WITH A DISABILITY, FOR THE STATE AND OAHU: 2011 -- Con.

Disability status	State		Oahu	
	Male	Female	Male	Female
65 to 74 years				
With any disability	11,278	10,003	7,068	6,982
With a hearing difficulty	5,345	2,872	2,990	1,827
With a vision difficulty	1,380	2,326	714	1,137
With a cognitive difficulty	2,161	2,841	1,531	1,919
With an ambulatory difficulty	5,429	6,984	3,687	5,142
With a self-care difficulty	1,878	1,803	1,493	1,012
With an independent living difficulty	2,877	4,176	1,897	2,834
75 years and over				
With any disability	18,471	28,253	12,043	20,607
With a hearing difficulty	10,296	11,495	6,158	8,130
With a vision difficulty	3,217	3,714	1,495	2,916
With a cognitive difficulty	5,532	9,487	3,304	7,386
With an ambulatory difficulty	9,907	19,342	6,967	14,259
With a self-care difficulty	3,321	5,924	2,463	3,954
With an independent living difficulty	8,304	16,042	5,458	12,383

Source: U.S. Census Bureau, 2011 American Community Survey 1-Year Estimates <http://factfinder2.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t> accessed April 15, 2013.

Table 11.15-- PERSONS SERVED BY STATE HOMELESS PROGRAMS, BY COUNTY: 2006 TO 2012

[Year ending June 30]

Year and program	State	City and County of Honolulu	Hawaii County	Maui County	Kauai County
2006 1/					
Outreach Program	4,715	2,774	1,288	300	345
Shelter Stipend Program	5,942	4,174	507	1,191	67
2007 1/					
Outreach Program	6,777	4,157	761	1,445	401
Shelter Program	6,733	5,066	420	1,188	49
2009					
Outreach Program	7,506	4,969	845	1,291	379
Shelter Program	7,501	5,295	679	1,115	395
2010					
Outreach Program	7,997	5,350	1,090	1,161	373
Shelter Program	7,649	5,660	623	1,016	331
2011					
Outreach Program	8,266	5,225	1,098	1,580	363
Shelter Program	8,299	6,211	622	1,154	312
2012					
Outreach Program	7,804	4,949	1,063	1,407	385
Shelter Program	8,507	6,305	574	1,297	331

1/ Due to change in the source, data for these years may not be comparable to previous year tables.

Source: Center on the Family at the University of Hawaii and the Hawaii State Department of Human Services, Homeless Programs Office, *Homeless Service Utilization Report* (annual) <http://uhfamily.hawaii.edu/publications/publications.asp> accessed April 15, 2013.

Table 11.16-- CHARACTERISTICS OF PERSONS PARTICIPATING IN THE STATE HOMELESS OUTREACH PROGRAMS: 2009 TO 2012

[Year ending June 30]

Subject	Participants			
	2009	2010	2011	2012
State	7,506	7,997	8,266	7,804
City & County of Honolulu	4,969	5,350	5,225	4,949
Hawaii	845	1,090	1,098	1,063
Maui	1,291	1,161	1,580	1,407
Kauai	379	373	363	385
Age				
Under 6	349	378	497	482
6 to 17	291	319	402	381
18 to 24	631	681	758	710
25 to 39	1,841	1,974	1,921	1,889
40 to 59	3,203	3,265	3,709	3,565
60 or over	418	428	502	538
Gender 1/				
Male	4,879	5,337	5,332	4,873
Female	2,605	2,637	2,910	2,896
Ethnicity 2/				
Caucasian / white	3,312	3,646	3,663	3,228
Hawaiian / part Hawaiian	2,127	2,149	2,235	2,211
Black	330	317	350	358
Japanese	204	201	(3/)	(3/)
Chinese	58	57	(3/)	(3/)
Korean	36	43	(3/)	(3/)
Filipino	358	418	474	475
Samoan	220	179	(4/)	(4/)
Marshallese	(5/)	(5/)	162	186
Micronesian	(5/)	(5/)	385	359
Other Asian	58	54	400	336
Other Pacific Islander	475	618	355	381
Native American	166	154	188	185
Other / unknown	162	161	54	85

Continued on next page.

Table 11.16-- CHARACTERISTICS OF PERSONS PARTICIPATING IN THE STATE HOMELESS OUTREACH PROGRAMS: 2009 TO 2012 -- Con.

Subject	Participants			
	2009	2010	2011	2012
Hawaii residence				
1 year or less	706	757	854	813
More than 1 year, less than 10 years	942	1,004	1,110	977
10 years or more, not lifetime	951	1,029	1,135	1,031
Lifetime resident	3,198	2,569	2,952	2,965
Employment status				
Unemployed	4,410	4,727	5,476	5,268
Employed part-time	363	371	445	450
Employed full-time	287	263	277	312
Educational attainment				
Less than high school diploma 6/	1,393	1,443	1,487	1,385
High school diploma/GED	2,757	2,876	3,036	2,967
Some college or more	1,352	1,404	1,844	1,718
Length of homelessness 7/				
1 day or less	100	107	140	145
2 day to less than 1 month	775	956	526	1,151
1 month to less than 1 year	1,871	1,992	2,963	2,332
1 to 2 years	820	838	1,013	976
3 years or more	850	888	992	1,038

1/ Doesn't include transgender, the data for transgender individuals are included in rest of table.
2/ Other represents a heterogeneous group of individuals who elected not to identify with any one ethnicity.
3/ In 2011, grouped in "Other Asian."
4/ In 2011, grouped in "Other Pacific Islander."
5/ Prior to 2011, grouped in "Other Pacific Islander."
6/ High school seniors who have not yet graduated at the time of intake are included in the "less than high school diploma" category.
7/ "Length of homelessness" is based on self-reports regarding the duration of homelessness at the time of intake. The individual continues to be considered homeless during his or her participation in outreach program services, although this period is not added to the time reported at intake. Therefore, the actual duration of homelessness exceeds the length of time presented in this report.

Source: Center on the Family at the University of Hawaii and the Hawaii State Department of Human Services, Homeless Programs Office, *Homeless Service Utilization Report* (annual) <http://uhfamily.hawaii.edu/publications/publications.asp> accessed April 15, 2013.

Table 11.17-- CHARACTERISTICS OF PERSONS PARTICIPATING IN THE STATE HOMELESS SHELTER PROGRAMS: 2009 TO 2012

[Year ending June 30]

Subject	Participants			
	2009	2010	2011	2012
State	7,501	7,649	8,299	8,507
City & County of Honolulu	5,295	5,660	6,211	6,305
Hawaii	679	623	622	574
Maui	1,115	1,016	1,154	1,297
Kauai	395	331	312	331
Age				
Under 6	1,417	1,413	1,554	1,627
6 to 17	1,153	1,156	1,242	1,261
18 to 24	829	825	863	833
25 to 39	1,900	1,956	1,969	2,056
40 to 59	1,860	1,822	2,265	2,278
60 or over	279	287	361	414
Gender 1/				
Male	4,047	4,107	4,555	4,679
Female	3,437	3,523	3,714	3,792
Ethnicity 2/				
Caucasian / white	1,778	1,607	1,973	2,131
Hawaiian / part Hawaiian	2,196	2,192	2,339	2,315
Black	357	393	427	413
Japanese	157	136	(3/)	(3/)
Chinese	54	44	(3/)	(3/)
Korean	54	63	(3/)	(3/)
Filipino	380	397	412	440
Samoan	414	418	(4/)	(4/)
Marshallese	(5/)	(5/)	737	858
Micronesian	(5/)	(5/)	1,253	1,198
Other Asian	57	45	366	350
Other Pacific Islander	1,835	1,963	568	569
Native American	107	94	122	132
Other / unknown	112	297	102	101

Continued on next page.

Table 11.17-- CHARACTERISTICS OF PERSONS PARTICIPATING IN THE STATE HOMELESS SHELTER PROGRAMS: 2009 TO 2012 -- Con.

Subject	Participants			
	2009	2010	2011	2012
Hawaii residence				
1 year or less	622	524	634	684
More than 1 year, less than 10 years	1,098	1,152	1,162	1,272
10 years or more, not lifetime	728	646	741	767
Lifetime resident	1,885	1,955	2,247	2,247
Employment status				
Unemployed	3,353	3,497	3,827	3,965
Employed part-time	542	568	673	714
Employed full-time	896	766	782	820
Educational attainment				
Less than high school diploma 6/	1,382	1,460	1,424	1,367
High school diploma/GED	2,210	2,260	2,550	2,597
Some college or more	1,180	1,116	1,323	1,525
Length of homelessness 7/				
1 day or less	695	822	982	1,116
2 day to less than 1 month	721	768	399	843
1 month to less than 1 year	1,307	1,205	1,737	1,442
1 to 2 years	361	391	470	523
3 years or more	319	282	304	306

1/ Doesn't include transgender, the data for transgender individuals are included in rest of table.
2/ Other represents a heterogeneous group of individuals who elected not to identify with any one ethnicity.
3/ Grouped in "Other Asian."
4/ Grouped in "Other Pacific Islander."
5/ Prior to 2011, grouped in "Other Pacific Islander."
6/ High school seniors who have not yet graduated at the time of intake are included in the "less than high school diploma" category.
7/ "Length of homelessness" is based on self-reports regarding the duration of homelessness at the time of intake. The individual continues to be considered homeless during his or her participation in outreach program services, although this period is not added to the time reported at intake. Therefore, the actual duration of homelessness exceeds the length of time presented in this report.

Source: Center on the Family at the University of Hawaii and the Hawaii State Department of Human Services, Homeless Programs Office, *Homeless Service Utilization Report* (annual) <http://uhfamily.hawaii.edu/publications/publications.asp> accessed April 15, 2013.

Table 11.18-- 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 11.18-- 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 privat 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 Methology 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; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 11.19-- HAWAII STATE EMPLOYEES' RETIREMENT SYSTEM: 1992 TO 2012

[As of June 30 unless otherwise noted]

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	1,462	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	676,316	1,663	7,259,906
2006	69,233	34,304	9,932,411	720,543	1,719	8,477,837
2007	70,805	35,324	11,462,417	761,005	1,773	9,601,756
2008	72,436	36,260	10,846,789	792,313	1,824	10,728,801
2009	73,928	36,999	8,817,953	839,129	1,906	12,343,484
2010	72,785	38,441	9,821,633	906,386	(NA)	12,210,645
2011	71,959	39,689	11,642,278	960,219	(NA)	13,325,781
2012	72,508	40,774	11,285,930	1,015,448	(NA)	11,634,196

NA Not available.

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, Employees' Retirement System of the State of Hawaii, *Report to Board of Trustees on the Annual Actuarial Valuation* <http://ers.ehawaii.gov/resources/financials> accessed May 23, 2013, and records.

Table 11.20-- UNEMPLOYMENT INSURANCE: 1987 TO 2011

[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 employ-ment	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	11,042	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	557,876	12,304	50.0	628.56	164,500	279.64	19.2
2003	568,549	10,669	44.7	649.31	144,864	297.67	15.7
2004	584,227	1/ 8,513	42.7	677.21	121,244	311.69	15.6
2005	602,837	1/ 6,569	38.1	699.36	97,794	328.44	14.2
2006	616,950	6,609	42.1	727.10	107,255	356.79	13.3
2007	624,931	7,032	41.1	759.24	121,595	373.53	13.6
2008	618,612	11,817	1/ 45.1	782.72	226,187	405.92	13.9
2009	591,054	20,484	1/ 46.9	795.90	401,227	411.08	18.9
2010	585,298	17,837	1/ 40.6	1/ 803.18	341,545	406.43	19.7
2011	592,537	14,721	34.3	817.49	278,391	405.08	18.4

1/ Revised from previous *Data Book.*

Source: Hawaii State Department of Labor and Industrial Relations, *State of Hawaii Unemployment Insurance Fact Book* (annual) and records; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 11.21-- CHILD DAY CARE SERVICES (NAICS 6244), BY FEDERAL INCOME TAX STATUS AND BROAD GEOGRAPHIC AREA: 1997 TO 2007

[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)
2007						
State total	30	172	12,655	70,872	274	1,974
Oahu	18	121	10,303	59,103	207	1,558
Neighbor Islands	12	51	2,352	11,769	67	416

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; and *2007 Economic Census, Health Care and Social Assistance, Geographic Area Series: Summary Statistics: 2007,* via American FactFinder <http://factfinder.census.gov/servlet/DatasetMainPageServlet?_program=ECN&_tabId=ECN1&_submenuId=datasets_4&_lang=en&_ts=246366688395> accessed May 28, 2010.

Table 11.22-- LICENSED CHILD CARE CENTERS AND LICENSED FAMILY CHILD CARE PROVIDERS: 2003 TO 2008

[For 2003 to 2005, centers as of February, providers as of August]

Subject	2003	2004	2005	2007	2008
Licensed child care centers	521	523	543	570	620
Licensed family child care providers	429	501	462	496	627

Source: Children's Foundation, Washington, D.C., as cited in U. S. Census Bureau, *Statistical Abstract of the United States: 2004-2005* (table 560), *2006* (table 569), *2007* (table 565), *2008* (table 560); National Association for Regulatory Administration, *The 2007 Child Care Licensing Study*, Table 1 <http://www.nara.affiniscape.com/displaycommon.cfm?an=1&subarticlenbr=160> accessed on May 28, 2010; and *The 2008 Child Care Licensing Study*, Table 1 <http://www.naralicensing.org/associations/4734/files/Table_1_NumLicFac_2008_final.pdf> accessed April 11, 2011.

Table 11.23-- 501(c)(3) PUBLIC CHARITIES IN HAWAII, BY TYPE: CIRCA 2010

[Dollar amounts in millions]

Type	No. of organi-zations	Total assets	Total liabilities	Contribu-tions, gifts & grants	Total revenue	Total expenses
Total	1,916	12,119.0	3,524.3	1,173.4	4,936.9	4,704.4
Arts, culture, & humanities	292	734.2	98.8	142.2	257.7	207.0
Education	345	8,065.8	821.8	168.9	975.9	964.8
Environment	87	137.0	7.3	31.2	50.3	46.7
Animal-related	33	28.7	3.0	12.1	19.2	17.6
Health care	121	3,093.1	1,562.1	161.5	2,474.8	2,359.5
Mental health & crisis intervention	54	75.9	15.2	45.4	93.4	92.1
Voluntary health assoc. & medical disciplines	38	35.6	11.1	19.5	38.7	37.3
Medical research	11	11.4	2.9	6.1	6.8	6.0
Crime & legal related	44	24.4	8.2	13.8	16.4	16.0
Employment	13	38.9	10.0	6.5	39.0	37.3
Food, agriculture, & nutrition	24	61.3	16.0	50.8	56.5	45.0
Housing, shelter	102	695.9	508.4	68.7	135.5	131.6
Public safety, disaster preparedness & relief	15	1.9	(1/)	1.3	1.8	1.4
Recreation & sports	164	18.0	1.7	9.1	25.4	25.0
Youth development	53	58.8	7.3	28.0	34.1	31.3
Human services	173	494.1	128.5	190.8	355.2	349.3

Continued on next page.

Table 11.23-- 501(c)(3) PUBLIC CHARITIES IN HAWAII, BY TYPE: CIRCA 2010 -- Con.

Type	No. of organi-zations	Total assets	Total liabilities	Contribu-tions, gifts & grants	Total revenue	Total expenses
International, foreign affairs & national security	37	56.7	7.3	52.3	64.4	64.6
Civil rights, social action & advocacy	7	3.9	0.4	3.2	5.3	4.8
Community improvement & capacity building	92	68.9	26.9	41.3	48.9	48.5
Philanthropy, voluntarism & grantmaking foundations	73	875.3	69.3	73.1	77.6	75.2
Science & technology	15	147.3	15.3	30.6	39.4	40.4
Social science	6	1.5	0.1	1.7	1.9	1.2
Public & societal benefit	17	5.8	0.3	2.6	4.4	4.1
Religion-related	84	65.8	7.5	11.4	18.9	17.6
Mutual & membership benefit	11	317.4	194.3	1.1	94.3	79.2
Unknown	5	1.3	0.7	0.4	1.0	1.0

1/ Rounds down to zero.

Source: National Center for Charitable Statistics (NCCS) <http://nccsdataweb.urban.org/tablewiz/pc.php> accessed June 29, 2012.

Table 11.24-- QUALITY OF LIFE INDEX RANKINGS, FOR THE STATE AND THE HONOLULU METROPOLITAN STATISTICAL AREA (MSA): 1996 TO 2012

Area, authority, and year of publication	Number of areas ranked	State or Honolulu rank 1/
State		
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
CQ Press, 2009	50	20
CQ Press, 2010	50	17
CQ Press, 2011	50	20
Honolulu MSA		
Money, 1996	300	88
Money, 1997	300	167
Money, 1998 3/	23	16
Money, 2000	100	45
Money, 2001	100	45
Money, 2002	100	45
Money, 2004	87	(NA)
Money, 2005	100	(NA)
Money, 2006	100	(NA)
Money, 2007	100	(NA)
Money, 2008	100	(NA)
Money, 2009	100	(NA)
Money, 2010	100	(NA)
Money, 2011	100	(NA)
Money, 2012	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 1995 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* (annual); and Money, "Best Places to Live" (annual) <http://money.cnn.com/magazines/moneymag/bplive/2011/maps/states/HI.html> accessed July 5, 2013.

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.

earnings, unions and strikes are the decennial reports of the U.S. Census Bureau, the same agency's Current Population Survey and American Community 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: 2012.*

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Table 12.01-- LABOR FORCE STATUS, BY SEX: 1960 TO 2011

Sex and labor force status	1960	1970	1980	1990	2000	2010	2011
BOTH SEXES							
Persons 16 years and over	402,937	522,018	723,479	855,518	950,055	1,093,645	1,102,147
Labor force	263,450	344,269	494,223	602,348	612,831	728,635	718,139
Percent in labor force	65.4	65.9	68.3	70.4	64.5	66.6	65.2
Armed forces	47,255	49,785	58,443	54,001	39,036	34,190	36,340
Civilian labor force	216,195	294,484	435,780	548,347	573,795	694,445	681,799
Employed	207,456	285,556	415,181	529,059	537,909	638,191	629,523
Unemployed	8,739	8,928	20,599	19,288	35,886	56,254	52,276
Percent of civ. labor force	4.0	3.0	4.7	3.5	6.3	8.1	7.7
Not in labor force	139,487	177,749	229,256	253,170	337,224	365,010	384,008
MALE							
Persons 16 years and over	219,822	272,726	370,683	434,203	473,542	545,137	548,240
Labor force	186,507	222,221	290,420	335,651	331,177	388,969	387,494
Percent in labor force	84.8	81.5	78.3	77.3	69.9	71.4	70.7
Armed forces	46,626	48,860	54,032	47,441	34,368	30,229	32,348
Civilian labor force	139,881	173,361	236,388	288,210	296,809	358,740	355,146
Employed	135,481	168,940	225,331	277,735	276,483	326,909	324,396
Unemployed	4,400	4,421	11,057	10,475	20,326	31,831	30,750
Percent of civ. labor force	3.1	2.6	4.7	3.6	6.8	8.9	8.7
Not in labor force	33,315	50,505	80,263	98,552	142,365	156,168	160,746
FEMALE							
Persons 16 years and over	183,115	249,292	352,796	421,315	476,513	548,508	553,907
Labor force	76,943	122,048	203,803	266,697	281,654	339,666	330,645
Percent in labor force	42	49	58	63	59	62	60
Armed forces	629	925	4,411	6,560	4,668	3,961	3,992
Civilian labor force	76,314	121,123	199,392	260,137	276,986	335,705	326,653
Employed	71,975	116,616	189,850	251,324	261,426	311,282	305,127
Unemployed	4,339	4,507	9,542	8,813	15,560	24,423	21,526
Percent of civ. labor force	5.7	3.7	4.8	3.4	5.6	7.3	6.6
Not in labor force	106,172	127,244	148,993	154,618	194,859	208,842	223,262

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 Characteristic 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: 200(Geographic area: Hawaii <http://www.hawaii.gov/dbedt/census2k/profile-state/04015.pdf> accessed July 23, 2004; U.S. Census Bureau American FactFinder, American Community Survey 1-Year Estimates Hawaii DP03 Selected Econon Characteristics" as extracted by Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center American Community Survey Hawaii Geographic Area Profiles (1-Year Estimate) "DP03: Selected Economic Characteristics" (annual for 2010 and 2011) <http://dbedt.hawaii.gov/census/acs/> accessed May 15, 2013; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 12.02-- LABOR FORCE CHARACTERISTICS, BY COUNTY: 2007-2011

[In number and percent. Average of 2007-2011]

Subject	State total	Hawaii	Honolulu	Kalawao	Kauai	Maui
Population 16 to 64 years	887,998	119,897	622,297	33	43,342	102,429
Male	452,383	60,300	317,966	17	22,104	51,996
Worked in past 12 months (percent)	82.8	77.5	83.7	100.0	81.5	84.1
Usually worked 35 or more hours per week (percent)	68.5	61.1	70.6	82.4	63.7	66.7
50 to 52 weeks (percent)	58.2	50.6	60.9	70.6	51.6	53.4
Female	435,615	59,597	304,331	16	21,238	50,433
Worked in past 12 months (percent)	75.3	72.8	75.2	100.0	76.6	78.3
Usually worked 35 or more hours per week (percent)	54.5	49.8	55.2	93.8	54.2	56.1
50 to 52 weeks (percent)	45.5	41.8	46.2	68.8	45.2	45.9
Females 16 years and over	542,485	73,483	381,466	22	26,637	60,877
In labor force	332,176	44,332	231,301	17	16,734	39,792
Employed or in Armed Forces	314,478	41,019	220,387	17	15,812	37,243
Own children under 18 years in families and subfamilies	284,209	39,229	197,853	-	13,867	33,260
Under 6 years	98,160	13,271	68,760	-	4,866	11,263
All parents in family in labor force	63,706	8,971	43,162	-	3,426	8,147
All parents in family in labor force (percent)	64.9	67.6	62.8	0.0	70.4	72.3
Living with two parents, both parents in labor force	39,256	4,478	27,961	-	2,160	4,657
Living with two parents, mother only in labor force	1,961	190	1,574	-	67	130
Living with one parent, mother in labor force	17,275	2,841	11,036	-	761	2,637

Source: U.S. Census Bureau, 2007-2011 American Community Survey "S2303 Work Status In The Past 12 Months" <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_11_5YR_S2303&prodType=table>; Ibid. 5-Year Estimates Hawaii and counties "DP03: Selected Economic Characteristics" <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_11_5YR_DP03&prodType=table>; Ibid. 5-Year Estimates Hawaii and counties "B23008 Age of Own Children Under 18 Years In Families And Subfamilies By Living Arrangements By Employment Status Of Parents" <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_11_5YR_B23008&prodType=table> accessed July 19, 2013.

Table 12.03-- SELECTED LABOR FORCE AND COMMUTING CHARACTERISTICS, BY GEOGRAPHIC AREA: 2007-2011

[Average of 2007-2011]

Subject	State total	Hawaii	Honolulu	Kalawao	Kauai	Maui
Employment status						
Population 16 years and over	1,079,024	146,072	758,396	57	53,108	121,391
In labor force	717,929	92,340	505,030	46	34,981	85,532
Civilian labor force	679,230	92,086	467,105	43	34,688	85,308
Employed	635,956	83,640	441,581	43	32,372	78,320
Unemployed	43,274	8,446	25,524	-	2,316	6,988
Percent unemployed	6.4	9.2	5.5	0.0	6.7	8.2
Armed forces	38,699	254	37,925	3	293	224
Not in labor force	361,095	53,732	253,366	11	18,127	35,859
Females 16 years and over	542,485	73,483	381,466	22	26,637	60,877
In labor force	332,176	44,332	231,301	17	16,734	39,792
Civilian labor force	326,956	44,294	226,175	17	16,717	39,753
Employed	309,258	40,981	215,261	17	15,795	37,204
Own children under 6 years	98,160	13,271	68,760	-	4,866	11,263
All parents in family in labor force 1/	63,706	8,971	43,162	-	3,426	8,147
Commuting to work						
Workers 16 years and over	658,272	81,580	469,421	46	31,289	75,936
Car, truck, or van - drove alone	438,196	56,284	304,266	17	24,286	53,343
Car, truck or van - carpooled	98,576	13,115	70,723	-	3,884	10,854
Public trans. (excluding taxicab)	40,283	1,300	37,166	-	172	1,645
Walked	30,419	2,043	24,959	7	748	2,662
Other means	19,806	1,760	15,306	14	726	2,000
Worked at home	30,992	7,078	17,001	8	1,473	5,432
Mean travel time to work (min.)	26	26	27	16	20	21

1/ Both parents in family where both parents in labor force, or single-parent family, where parent is in labor force.

Source: U.S. Census Bureau, 2007-2011 American Community Survey 5-Year Estimates, Selected Economic Characteristics: Hawaii and counties, as extracted by Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center, American Community Survey 2011 Hawaii Geographic Area Profiles (5-Year Estimates) "DP03: Selected Economic Characteristics" <http://dbedt.hawaii.gov/census/acs/ACS2011/ACS2011_5_Year/acs_hi_2011_profiles_5_yr_estimate/> accessed May 15, 2013.

Table 12.04-- LABOR FORCE STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION 16 YEARS AND OVER: ANNUAL AVERAGE, 2010 TO 2012

[Numbers in thousands and percent. 2011 data are revised and 2012 data are preliminary]

Population group	Persons 16 years and over			16 to 19 years (both sexes)
	Both sexes	Men	Women	
2010				
Civilian noninstitutional population	989	482	507	68
Civilian labor force	623	327	296	20
Percent of population	63.0	67.9	58.3	29.4
Employment	579	302	278	15
Percent of population	58.6	62.6	54.7	21.6
Unemployment	43	26	18	5
Rate	7.0	7.8	6.1	26.5
Not in civilian labor force	366	155	211	48
2011				
Civilian noninstitutional population	1,051	515	536	67
Civilian labor force	668	349	318	18
Percent of population	63.5	67.8	59.3	26.8
Employment	619	319	300	15
Percent of population	58.9	62.0	55.9	21.5
Unemployment	49	30	19	4
Rate	7.3	8.7	5.8	19.7
Not in civilian labor force	383	166	218	49
2012				
Civilian noninstitutional population	1,060	515	545	76
Civilian labor force	642	340	301	19
Percent of population	60.5	66.2	55.2	25.1
Employment	603	319	284	13
Percent of population	56.9	62.0	52.1	17.6
Unemployment	39	21	17	6
Rate	6.0	6.3	5.7	29.7
Not in civilian labor force	418	175	244	57

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment, 2010* Table 14 "Employment status of the civilian noninstitutional population in states by sex, race, Hispanic or Latino ethnicity, marital status, and detailed age, annual averages" (Bulletin 2768, August 2011) <http://www.bls.gov/opub/gp/pdf/gp10full.pdf>; Ibid. 2011 <http://www.bls.gov/lau/ptable14full2011.pdf> accessed March 27, 2012; Ibid. 2012 <http://www.bls.gov/lau/ptable14full2012.pdf> accessed March 5, 2013; 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: 2010 AND 2011

[Totals may not add due to rounding. Estimates from Annual Local Area Unemployment Statistics (LAUS) for 2010 and 2011 based on 2000 Census]

Race or origin 1/	Civilian labor force		Unemployed (percent)	
	Both sexes	Female	Both sexes	Female
2010				
All races	629,050	303,450	6.6	5.9
One race				
White	161,400	73,850	6.3	6.1
Black or African American	7,300	2,950	8.9	10.3
American Indian and Alaska Native	1,550	750	15.8	19.0
Asian	277,900	139,650	4.3	3.5
Native Hawaiian and other Pacific Islander	54,600	25,700	12.5	11.3
Some other race	6,650	2,950	9.6	10.2
Two or more races	119,650	57,550	9.2	8.6
Minority group 2/	467,650	229,600	6.7	5.9
Hispanic or Latino	38,450	18,900	11.3	10.8
2011				
All races	660,700	318,700	6.7	6.0
One race				
White	169,550	77,600	6.3	6.1
Black or African American	7,700	3,100	9.1	10.6
American Indian and Alaska Native	1,650	800	15.9	19.1
Asian	291,700	146,600	4.4	3.6
Native Hawaiian and other Pacific Islander	57,350	27,000	12.6	11.3
Some other race	7,000	3,100	9.8	10.4
Two or more races	125,750	60,450	9.3	8.7
Minority group 2/	491,150	241,100	6.8	6.0
Hispanic or Latino	40,400	19,900	11.4	10.9

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 Information by Sex & Race" (annual) <https://www.hiwi.org/admin/gsipub/htmlarea/uploads/AAP-T1-2010.pdf> accessed November 4, 2011; and <https://www.hiwi.org/admin/gsipub/htmlarea/uploads/AAP-T1-2011.pdf> accessed September 14, 2012.

Table 12.06-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE: ANNUAL AVERAGE, 1976 TO 2012

[Data from 1976 to 2011 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 which is rounded to 0.1 percent, 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	616,300	592,450	23,850	3.9
2004	618,150	598,200	19,950	3.2
2005	627,100	609,850	17,250	2.8
2006	633,500	617,800	15,700	2.5
2007	637,250	620,100	17,100	2.7
2008 1/	643,700	617,500	26,200	4.1
2009 1/	637,200	593,500	43,650	6.9
2010 1/	647,800	603,900	43,900	6.8
2011 1/	657,750	614,800	42,950	6.5
2012 1/	651,600	613,650	37,900	5.8

1/ Data benchmarked in March, 2013. Reflects revised population controls & model reestimation.

Source: Hawaii State Department of Labor & Industrial Relations, Current and Historical Labor Force Estimates/Unemployment Rates Not Seasonally Adjusted, All Areas (State, County, Islands) <https://www.hiwi.org/admin/gsipub/htmlarea/uploads/LFR_LAUS_LF.xls> accessed July 19, 2013.

Table 12.07-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE, BY COUNTY: ANNUAL AVERAGE, 1990 TO 2012

[1990- 1999 data reflect 2000 Census-based geography and new model-based controls at the state level. 2000- 2009 data reflect 2000-based geography, new model controls, 2000 Census inputs and methodological changes. 2010- 2011 data have been benchmarked to reflect revised inputs, re-estimation, & new statewide controls. 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	433,750	78,400	31,300	72,850
2004	433,050	79,250	31,550	74,250
2005	439,400	80,750	31,900	75,000
2006	441,500	83,200	32,250	76,600
2007	441,750	84,600	32,600	78,300
2008 1/	446,800	85,350	32,850	78,700
2009 1/	443,800	84,500	32,250	76,650
2010 1/	451,850	86,000	32,900	77,000
2011 1/	459,650	86,450	33,400	78,300
2012 1/	458,000	83,400	32,700	77,500
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	417,500	74,750	30,050	70,100
2004	419,500	76,200	30,500	72,000
2005	427,650	78,100	31,050	73,050
2006	430,850	80,700	31,450	74,800
2007	430,550	81,700	31,750	76,100
2008 1/	430,600	80,500	31,350	75,050
2009 1/	418,150	76,250	29,200	69,900
2010 1/	425,900	77,500	30,000	70,450
2011 1/	434,050	78,050	30,500	72,200
2012 1/	434,350	76,450	30,300	72,600

Continued on next page.

Table 12.07-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE, BY COUNTY: ANNUAL AVERAGE, 1990 TO 2012 -- 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	16,250	3,650	1,250	2,700
2004	13,550	3,050	1,050	2,300
2005	11,750	2,700	850	1,950
2006	10,650	2,450	800	1,800
2007	11,200	2,900	850	2,200
2008 1/	16,250	4,850	1,500	3,600
2009 1/	25,650	8,250	3,000	6,700
2010 1/	25,950	8,500	2,900	6,550
2011 1/	25,600	8,400	2,900	6,100
2012 1/	23,650	6,950	2,400	4,900
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	3.7	4.6	4.0	3.7
2004	3.1	3.9	3.4	3.1
2005	2.7	3.3	2.7	2.6
2006	2.4	3.0	2.4	2.4
2007	2.5	3.4	2.6	2.8
2008 1/	3.6	5.7	4.6	4.6
2009 1/	5.8	9.8	9.4	8.8
2010 1/	5.7	9.9	8.8	8.5
2011 1/	5.6	9.7	8.6	7.8
2012 1/	5.2	8.3	7.4	6.3

1/ In March 2013, 2008- 2010 data have been benchmarked and reflect model reestimation and 2011- 2012 data have been benchmarked to reflect revised inputs, re-estimation, and new statewide controls.

Source: Hawaii State Department of Labor & Industrial Relations, Current and Historical Labor Force Estimates/Unemployment Rates Not Seasonally Adjusted, All Areas (State, County, Islands) <https://www.hiwi.org/admin/gsipub/htmlarea/uploads/LFR_LAUS_LF.xls> accessed July 19, 2013.

Table 12.08-- UNEMPLOYMENT INSURANCE BENEFITS AND DURATION FOR THE UNITED STATES, THE 50 STATES, DISTRICT OF COLUMBIA, PUERTO RICO AND THE VIRGIN ISLANDS: 2012 4th QUARTER

Area	State regular benefits paid ($1,000) 1/	State extended benefits paid ($1,000) 1/	Average weekly benefit amount (dollars) 2/	Average duration (weeks) 3/	Average benefits per first payment (dollars) 4/
United States	9,895,143	142,123	305.26	17.1	4,977
Alabama	67,315	2	205.58	14.7	2,960
Alaska	41,085	5	246.90	20.0	4,747
Arizona	92,557	6	217.66	17.1	3,564
Arkansas	86,354	-	294.30	15.3	4,161
California	1,523,871	238	296.43	18.7	5,225
Colorado	138,884	17	356.22	15.3	5,214
Connecticut	207,489	-	340.61	19.2	6,006
Delaware	25,996	6	243.46	21.9	5,213
District of Columbia	37,832	10	297.05	20.3	5,827
Florida	300,790	116	231.41	20.3	4,643
Georgia	190,247	4	271.47	13.2	3,461
Hawaii	**54,289**	**-**	**419.64**	**17.9**	**7,310**
Idaho	34,796	2	254.29	13.6	3,224
Illinois	508,742	13	314.09	18.0	5,609
Indiana	134,883	50	256.66	13.6	3,748
Iowa	89,913	-	327.96	13.6	4,207
Kansas	89,649	9	336.46	15.3	4,909
Kentucky	116,196	-	295.40	19.8	5,558
Louisiana	57,955	-	204.45	16.9	3,324
Maine	36,962	-	281.96	15.1	4,089
Maryland	191,059	17	329.74	18.1	5,701
Massachusetts	368,478	19	403.32	17.8	6,713
Michigan	279,675	32	291.33	15.0	4,204
Minnesota	186,389	8	364.28	16.9	5,892
Mississippi	43,771	-	193.82	15.2	2,822
Missouri	113,189	4	243.09	14.9	3,431
Montana	26,643	-	275.02	18.2	4,363
Nebraska	30,270	-	268.09	13.4	3,479
Nevada	120,194	22	307.82	16.7	4,878
New Hampshire	24,716	-	288.65	15.0	4,025
New Jersey	604,099	986	395.87	17.4	6,486
New Mexico	59,034	5	307.50	19.6	5,842
New York	820,951	139,817	304.79	18.7	5,414
North Carolina	312,796	45	299.22	16.2	4,645
North Dakota	16,262	-	379.19	11.0	3,876

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: 2012 4th QUARTER -- Con.

Area	State regular benefits paid ($1,000) 1/	State extended benefits paid ($1,000) 1/	Average weekly benefit amount (dollars) 2/	Average duration (weeks) 3/	Average benefits per first payment (dollars) 4/
Ohio	289,218	313	312.90	16.6	5,671
Oklahoma	66,011	-	280.85	16.4	4,416
Oregon	183,569	10	314.97	18.3	5,343
Pennsylvania	662,412	224	356.38	17.9	5,794
Puerto Rico	48,931	-	118.57	18.6	2,348
Rhode Island	51,476	5	361.65	16.5	5,955
South Carolina	62,363	2	248.89	12.6	2,916
South Dakota	6,267	-	268.94	15.8	4,092
Tennessee	113,202	1	237.23	15.5	3,594
Texas	572,087	14	331.75	16.2	5,031
Utah	53,976	-	335.57	13.5	4,311
Vermont	19,400	-	308.00	14.4	4,189
Virgin Islands	9,188	-	376.98	18.0	6,076
Virginia	132,863	-	292.92	15.8	4,461
Washington	303,516	10	381.71	16.9	5,969
West Virginia	60,506	4	284.76	15.0	3,997
Wisconsin	206,453	94	272.27	16.9	4,061
Wyoming	20,372	-	345.46	14.7	4,978

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 is a 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. Department of Labor, Employment and Training Administration (ETA), "Unemployment Insurance Data Summary, Benefits and Duration Data, 4th Quarter 2012" <http://www.ows.doleta.gov/unemploy/content/data.asp> accessed April 17, 2013.

Table 12.09-- CHARACTERISTICS OF THE INSURED UNEMPLOYED: ANNUAL AVERAGE, 2012

[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.	
		Public administration	0.0
Age		Information not available	8.9
Under 22 years	1.5		
22 to 24 years	3.9	Occupation	
25 to 34 years	24.2	Management	6.1
35 to 44 years	23.2	Business/financial operations	1.9
45 to 54 years	23.7	Computer/mathematical	0.7
55 to 64 years	18.3	Architecture/engineering	0.6
65 years and over	5.1	Life/physical/social science	0.6
		Community/social services	1.3
Sex		Legal	0.3
Male	66.0	Education/training/library	2.5
Female	34.0	Arts/entertainment/sports	2.0
		Healthcare practitioner/technical	1.6
Duration		Healthcare support	1.4
1 to 4 weeks	36.4	Protective service	1.7
5 to 14 weeks	36.4	Food preparation/serving	6.5
15 weeks and over	27.2	Building/grounds maintenance	3.0
		Personal care/service	1.7
Industry		Sales related	5.3
Government - state	3.6	Office/administrative support	9.6
Government - county	0.4	Farming/fishing/forestry	2.1
Agriculture/forestry/fishing	2.0	Construction/extraction	34.1
Mining 1/	0.0	Installation/maintenance/repair	2.4
Utilities	0.1	Production	2.2
Construction	29.4	Transportation/material moving	4.2
Manufacturing	2.9	Information not available	8.3
Wholesale trade	1.9		
Retail trade	5.5	Race	
Transportation/warehousing	3.7	American Indian	0.4
Information	1.9	Chinese	3.2
Finance/insurance	1.1	Filipino	19.1
Real estate/rental/leasing	1.6	Japanese	9.2
Professional/technical services	3.8	Other Asians	2.2
Management of companies	0.3	Black	1.8
Administrative/waste services	13.1	Hawaiian	21.2
Educational services	0.8	Other Pacific Islander	5.3
Health care/social assistance	6.5	White & Latino	25.1
Arts/entertainment/recreation	1.1	Others	12.5
Accommodation/food services	8.5	Information not available	0.0
Other services	2.6		

1/ An industry may have claimants in one or more months in 2011 and yet average to an annual of 0 and round to 0.0 percent of total, e.g. Mining had an average of 2.

Source: Hawaii State Department of Labor & Industrial Relations "Characteristics of the Insured Unemployed in Hawaii - 2012" <http://labor.hawaii.gov/rs/files/2013/01/CIU-2012-tagged.pdf> accessed April 17, 2013.

Table 12.10-- WAGE AND SALARY JOBCOUNT: ANNUAL AVERAGE, 1990 TO 2012

[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 is rounded to the nearest 100. Totals may not add due to rounding. Includes Agriculture. Data for Hawaii, Kauai, and Maui are not U.S. Bureau of Labor Statistics' supported]

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	417,750	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	403,600	53,350	25,500	60,250
2000	559,300	414,200	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	624,000	453,650	67,750	30,350	72,250
2007	631,350	456,950	69,250	31,050	74,100
2008	625,350	454,300	67,900	30,450	72,700
2009	597,650	438,700	63,700	28,100	67,150
2010	593,200	436,050	63,050	28,150	66,050
2011 1/	600,900	441,900	63,350	28,300	67,400
2012 1/ 2/	605,300	448,000	61,600	28,100	67,700

1/ Data were benchmarked by the Department of Labor & Industrial Relations (DLIR) in March 2013.

2/ DLIR discontinued estmates of Agriculture jobs in December, 2011. DBEDT preliminary estimates are based on National Agricultural Statistics Service, Hawaii Field Office (NASS- HFO) <http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Archive/> accessed May 17, 2013.

Source: Hawaii State Department of Labor and Industrial Relations, Job Count by Industry - Not Seasonally Adjusted Data, Historical Series <http://www.hiwi.org/gsipub/index.asp?docid=421> accessed May 30, 2012; and Hawaii State Department of Business, Economic Development & Tourism, *Quarterly Statistical & Economic Report, 2nd Quarter 2013* <http://files.hawaii.gov/dbedt/economic/data_reports/qser/archive-qser/qser-2013q2.pdf> accessed July 12, 2013.

Table 12.11-- JOBCOUNT, BY NAICS INDUSTRY: ANNUAL AVERAGE, 2008 TO 2012

[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	2008	2009	2010	2011 1/	2012 1/
Total wage & salary 2/	625,350	597,650	593,200	600,900	612,100
Nonagriculture, wage & salary	619,200	591,500	586,900	594,000	605,300
Natural resources, mining, construction	37,850	31,400	28,900	28,800	29,500
Manufacturing	14,850	13,650	13,000	13,300	13,300
Durable goods	4,550	4,150	3,800	3,900	3,600
Non-durable goods	10,300	9,550	9,200	9,400	9,700
Trade, transportation & utilities	118,100	111,050	110,100	111,500	114,600
Wholesale trade	18,750	17,850	17,600	17,500	17,700
Retail trade	69,800	66,450	66,000	67,000	68,600
Transportation, warehousing & utilities	29,500	26,700	26,500	27,100	28,300
Utilities	3,100	3,200	3,200	3,300	3,500
Transportation & warehousing	26,400	23,550	23,300	23,700	24,800
Air transportation	8,000	7,100	7,100	7,100	7,700
Information	10,050	9,100	9,800	8,500	8,300
Telecommunications	3,950	3,800	3,600	3,500	3,500
Financial activities	29,350	27,700	26,900	26,700	27,000
Finance & insurance	16,700	16,250	15,600	15,400	15,500
Real estate, rental, leasing	12,700	11,450	11,300	11,400	11,500
Professional & business services	75,500	71,400	71,600	75,200	76,400
Education & health services	74,200	74,550	75,300	75,900	76,700
Education services	14,700	14,600	14,400	14,500	14,800
Health care & social assistance	59,450	60,000	60,900	61,400	61,900
Ambulatory health care services	23,450	23,500	23,600	24,100	24,800
Hospitals	14,100	14,250	14,500	14,600	14,200
Nursing & residential care facilities	7,050	7,150	7,300	7,400	7,600
Social assistance	14,850	15,150	15,500	15,300	15,300
Leisure and hospitality	107,050	100,900	100,300	103,100	107,000
Arts, entertainment & recreation 3/	11,600	10,700	10,300	10,500	11,200
Accommodation & food services	95,450	90,200	89,900	92,500	95,800
Accommodation	37,800	34,850	34,500	35,800	37,600
Food services and drinking places	57,700	55,350	55,500	56,800	58,300
Full-Service Restaurants	29,650	28,000	28,200	29,900	31,700
Other services	27,200	26,000	25,900	25,900	26,400
Government	125,000	125,700	125,200	125,100	126,300
Federal	32,200	33,300	34,800	34,900	34,900
Department of Defense	16,550	17,500	18,500	19,100	19,100
State	74,300	73,700	71,700	71,700	72,900
Education (DOE & UH)	49,100	49,000	47,400	46,800	47,300
Local	18,550	18,650	18,700	18,500	18,500
Agriculture 2/	6,150	6,150	6,300	6,900	6,800

1/ Data were benchmarked in March, 2012.

2/ DLIR discontinued estmates in December, 2011. DBEDT preliminary estimates are based on National Agricultural Statistics Service, Hawaii Field Office (NASS- HFO) <http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Archive/> accessed May 17, 2013.

3/ DLIR no longer provides county detail. DBEDT estimates as residual.

Source: Hawaii State Department of Labor and Industrial Relations, Job Count by Industry - Not Seasonally Adjusted Data, Historical Series <http://www.hiwi.org/gsipub/index.asp?docid=421> accessed May 30, 2012; and Hawaii State Department of Business, Economic Development & Tourism, *Quarterly Statistical & Economic Report, 2nd Quarter 2013* <http://files.hawaii.gov/dbedt/economic/data_reports/qser/archive-qser/qser-2013q2.pdf> accessed July 12, 2013.

Table 12.12-- EMPLOYMENT BY NAICS INDUSTRY: 2011

[Based on the North American Industry Classification System. Economic characteristics not available from the Census 2010]

Industry	Number	Percent
Employed civilian population 16 years and over	629,523	100.0
Agriculture, forestry, fishing and hunting, and mining	9,926	1.6
Construction	42,069	6.7
Manufacturing	19,467	3.1
Wholesale trade	13,326	2.1
Retail trade	75,385	12.0
Transportation and warehousing, and utilities	34,926	5.5
Information	10,244	1.6
Finance, insurance, real estate, and rental and leasing	36,539	5.8
Professional, scientific, management, administative, and waste management services	64,432	10.2
Educational, health and social services	132,042	21.0
Arts, entertainment, recreation, accommodation and food services	105,853	16.8
Other services (except public administration)	28,541	4.5
Public administration	56,773	9.0

Source: U.S. Census Bureau, 2011 American Community Survey 1-Year Estimates, DP-03 Selected Economic Characteristics: 2011 Hawaii '<http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_11_1YR_DP03&prodType=table> accessed July 12, 2013. See also <http://files.hawaii.gov/dbedt/census/acs/ACS2011/ACS2011_1_Year/geographic/ACS_11_1YR_DP_state_all.xls>.

Table 12.13-- JOBCOUNT BY NAICS INDUSTRY, BY COUNTY: ANNUAL AVERAGE, 2012

[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, 2013]

Industry	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
Total wage & salary 1/	612,100	(1/)	(1/)	(1/)	(1/)
Nonagriculture, wage & salary	605,300	448,000	61,600	28,100	67,700
Natural resources, mining, construction	29,500	22,200	3,100	1,300	2,900
Manufacturing	13,300	10,700	1,300	300	1,100
Durable goods	3,600	3,000	300	100	300
Non-durable goods	9,700	7,700	1,000	200	800
Trade, transportation & utilities	114,600	81,900	13,100	5,500	13,900
Wholesale trade	17,700	14,200	1,600	500	1,400
Retail trade	68,600	47,200	8,800	3,700	8,800
Transportation, warehousing & utilities	28,300	20,500	2,700	1,300	3,700
Utilities	3,500	(NA)	(NA)	(NA)	(NA)
Transportation & warehousing	24,800	18,100	(NA)	(NA)	(NA)
Air transportation	7,700	6,500	400	300	600
Information	8,300	6,900	600	300	600
Telecommunications	3,500	2,900	300	100	200
Financial activities	27,000	20,500	2,700	1,300	2,500
Finance & insurance	15,500	13,000	1,100	600	800
Real estate, rental, leasing	11,500	7,500	(NA)	(NA)	(NA)
Professional & business services	76,400	61,800	5,500	2,800	6,300
Education & health services	76,700	60,300	7,800	2,500	6,100
Education services	14,800	12,300	1,300	200	1,000
Health care & social assistance	61,900	48,000	6,500	2,300	5,100
Ambulatory health care services	24,800	18,700	(NA)	(NA)	(NA)
Hospitals	14,200	13,300	(NA)	(NA)	(NA)
Nursing & residential care facilities	7,600	(NA)	(NA)	(NA)	(NA)
Social assistance	15,300	(NA)	(NA)	(NA)	(NA)
Leisure and hospitality	107,000	63,800	12,800	8,600	21,700
Arts, entertainment & recreation 2/	11,200	6,700	1,600	1,000	1,800
Accommodation & food services	95,800	57,100	11,200	7,600	19,900
Accommodation	37,600	16,600	5,500	4,100	11,400
Food services and drinking places	58,300	40,500	5,600	3,500	8,600
Full-service restaurants	31,700	20,100	3,200	2,400	6,100
Other services	26,400	20,500	2,000	1,000	2,900
Government	126,300	99,400	12,700	4,600	9,700
Federal	34,900	32,000	1,400	600	900
Department of Defense	19,100	18,700	200	200	(3/)
State	72,900	55,300	8,600	2,700	6,200
Education (DOE & UH)	47,300	37,600	5,000	1,500	3,200
Local	18,500	12,000	2,600	1,300	2,600
Agriculture 1/	6,800	(1/)	(1/)	(1/)	(1/)

NA Not available.

1/ DLIR discontinued estmates in December, 2011. DBEDT preliminary estimates are based on National Agricultural Statistics Service, Hawaii Field Office (NASS- HFO) <http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Archive/> accessed May 17, 2013.

2/ DLIR no longer provides Hawaii, Kauai, and Maui county detail. DBEDT estimates as residual.

3/ Fewer than 50.

Source: Hawaii State Department of Labor and Industrial Relations, Job Count by Industry - Not Seasonally Adjusted Data, Historical Series <http://www.hiwi.org/gsipub/index.asp?docid=421> accessed May 30, 2013; and Hawaii State Department of Business, Economic Development & Tourism, *Quarterly Statistical & Economic Report, 2nd Quarter 2013* <http://files.hawaii.gov/dbedt/economic/data_reports/qser/archive-qser/qser-2013q2.pdf> accessed July 12, 2013.

Table 12.14-- OCCUPATION: 2011

[Economic characteristics not available from the Census 2010]

Occupation	Number	Percent
Civilian employed population 16 years and over	629,523	100.0
Management, business, science, and arts	213,789	34.0
Service	145,022	23.0
Sales and office	154,403	24.5
Natural resources, construction, and maintenance	61,563	9.8
Production, transportation, and material moving	54,746	8.7

Source: U.S. Census Bureau, 2011 American Community Survey 1-Year Estimates, DP-03 Selected Economic Characteristics: 2011 Hawaii '<http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_11_1YR_DP03&prodType=table> accessed July 12, 2013. See also <http://files.hawaii.gov/dbedt/census/acs/ACS2011/ACS2011_1_Year/geographic/ACS_11_1YR_DP_state_all.xls>.

Table 12.15-- CIVILIAN JOBS PROJECTIONS, BY SECTOR AND BY TYPE, BY COUNTY: 2010 TO 2040

[See Section 1 for population and Section 13 for gross domestic product and personal income projections from the same source. Projections for 2015 to 2040 were rounded to the nearest ten]

Year	Total civilian jobs	By sector		By type	
		Private 1/	Government	Wage and salary	Self-employed
State total					
2010 2/	792,057	651,370	140,687	623,573	168,484
2015	836,880	691,940	144,940	649,210	187,670
2020	881,410	731,980	149,430	673,780	207,630
2025	923,070	769,110	153,960	695,410	227,660
2030	964,600	806,060	158,540	716,250	248,350
2035	1,004,910	842,120	162,790	735,450	269,460
2040	1,044,900	877,910	166,990	753,740	291,160
Honolulu					
2010 2/	562,820	452,020	110,800	458,600	104,230
2015	587,750	474,180	113,570	474,230	113,520
2020	611,770	495,320	116,450	489,040	122,740
2025	633,060	513,720	119,340	501,690	131,370
2030	653,450	531,230	122,220	513,580	139,870
2035	672,390	547,520	124,870	524,250	148,130
2040	690,360	562,910	127,450	534,120	156,230
Hawaii					
2010 2/	93,927	79,769	14,158	66,310	27,610
2015	102,880	87,940	14,940	70,990	31,890
2020	112,230	96,440	15,790	75,660	36,570
2025	121,620	104,960	16,660	80,070	41,550
2030	131,430	113,860	17,570	84,520	46,910
2035	141,390	122,960	18,430	88,810	52,580
2040	151,690	132,400	19,290	93,090	58,600

Continued on next page.

Table 12.15-- CIVILIAN JOBS PROJECTIONS, BY SECTOR AND BY COUNTY: 2010 TO 2040 -- Con.

Year	Total civilian jobs	By sector		By type	
		Private 1/	Government	Wage and salary	Self-employed
Maui					
2010 2/	94,360	83,460	10,900	69,160	25,200
2015	102,520	91,100	11,420	73,230	29,290
2020	110,890	98,910	11,980	77,140	33,750
2025	119,160	106,600	12,560	80,670	38,480
2030	127,730	114,590	13,140	84,170	43,560
2035	136,390	122,690	13,700	87,470	48,920
2040	145,310	131,060	14,250	90,700	54,610
Kauai					
2010 2/	40,940	36,110	4,830	29,500	11,440
2015	43,720	38,710	5,010	30,760	12,960
2020	46,520	41,310	5,210	31,940	14,580
2025	49,230	43,830	5,400	32,980	16,260
2030	51,990	46,380	5,610	33,980	18,010
2035	54,750	48,950	5,800	34,920	19,830
2040	57,540	51,550	5,990	35,820	21,710

1/ Calculated here as 'Total civilian jobs' less 'Government'.

2/ Actual State data from the U.S. Bureau of Economic Analysis, Regional Economic Accounts, State Personal Income series. See also <http://www.bea.gov/regional/index.htm>. DBEDT estimate for counties.

Source: Hawaii Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2040* (March 2012), Appendix Tables A-42 to A-56 <http://hawaii.gov/dbedt/info/economic/data_reports/2040-long-range-forecast> accessed April 2, 2012.

Table 12.16-- CIVILIAN JOBS PROJECTIONS, BY NAICS INDUSTRY: 2010 TO 2040

[See Section 1 for population and Section 13 for gross domestic product and personal income projections from the same source. Projections for 2015 to 2040 were rounded to the nearest ten. Based on the North American Industry Classification System (NAICS)]

Industry	2010 1/	2015	2020	2025	2030	2035	2040
Total civilian jobs	792,057	836,880	881,410	923,070	964,600	1,004,910	1,044,900
Agriculture	15,767	16,080	16,340	16,540	16,720	16,870	17,000
Mining and construction	41,079	43,920	46,650	48,310	49,830	51,490	53,170
Food processing	6,042	6,180	6,290	6,380	6,460	6,530	6,600
Other manufacturing	10,889	11,150	11,380	11,570	11,740	11,890	12,040
Transportation	27,119	28,370	29,460	30,330	31,210	32,080	32,950
Information	11,799	12,010	12,780	13,400	14,140	14,820	15,460
Utilities	3,428	3,620	3,800	3,970	4,130	4,280	4,430
Wholesale trade	21,562	22,180	22,760	23,250	23,700	24,100	24,480
Retail trade	83,177	85,580	87,740	89,580	91,260	92,680	93,960
Finance and insurance	30,578	32,190	33,830	35,420	36,890	38,260	39,560
Real estate and rentals	37,087	38,020	38,810	39,460	40,040	40,520	40,950
Professional services	43,933	47,990	52,150	56,280	60,480	64,720	69,040
Business services	62,538	69,230	76,230	83,360	90,550	97,850	105,290
Educational services	19,179	21,210	23,260	25,320	27,420	29,500	31,600
Health services	72,659	80,250	87,980	95,810	103,730	111,490	119,180
Arts and entertainment	20,801	22,120	23,320	24,370	25,440	26,480	27,520
Hotels	35,527	36,950	38,060	38,830	39,640	40,470	41,340
Eating and drinking	59,124	62,840	66,260	69,340	72,420	75,410	78,350
Other services	49,082	52,050	54,910	57,610	60,230	62,670	65,000
Government	140,687	144,940	149,430	153,960	158,540	162,790	166,990

1/ Actual data from the U.S. Bureau of Economic Analysis, Regional Economic Accounts, State Personal Income series. See also <http://www.bea.gov/regional/index.htm>.

Source: Hawaii Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2040* (March 2012), Appendix "Table A-42. Hawaii State Civilian Total Jobs by Sector, 2010-2040" <http://hawaii.gov/dbedt/info/economic/data_reports/2040-long-range-forecast> accessed April 2, 2012.

Table 12.17-- EMPLOYMENT BY CLASS OF WORKER: 1940 TO 2011

[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
2010 2/	638,191	446,836	140,358	50,997	
2011 2/	629,523	427,447	135,118	66,958	

1/ In own not incorporated business.

2/ Reported in each survey year's inflation-adjusted dollars, i.e. current dollars for that year).

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; Ibid, American Community Survey 1-Year Estimates - Hawaii "S2408: Class Of Worker By Sex And Median Earnings In The Past 12 Months For The Civilian Employed Population 16 Years And Over" <http://factfinder2.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t#none> (annual, beginning with the 2010) accessed May 14, 2013.

Table 12.18-- FULL- AND PART-TIME EMPLOYMENT, BY TYPE AND BY STATUS: 1969 TO 2011

[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 excluded. 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	527,519	469,403	58,116	461,103	66,416
1979	556,339	488,281	68,058	491,235	65,104
1980	574,554	498,755	75,799	508,097	66,457
1981	567,762	496,535	71,227	504,818	62,944
1982	566,510	491,843	74,667	503,882	62,628
1983	576,830	501,857	74,973	510,967	65,863
1984	582,402	508,739	73,663	513,996	68,406
1985	597,946	521,605	76,341	529,042	68,904
1986	611,862	531,289	80,573	544,171	67,691
1987	642,686	554,533	88,153	573,624	69,062
1988	668,691	570,377	98,314	599,878	68,813
1989	696,362	597,113	99,249	627,892	68,470
1990	724,262	618,833	105,429	657,037	67,225
1991	745,447	629,443	116,004	677,963	67,484
1992	746,137	634,001	112,136	680,420	65,717
1993	741,780	625,580	116,200	678,710	63,070
1994	736,771	618,941	117,830	675,553	61,218
1995	734,039	611,684	122,355	675,401	58,638
1996	733,396	607,850	125,546	676,955	56,441
1997	733,761	607,070	126,691	678,309	55,452
1998	736,013	606,429	129,584	681,154	54,859
1999	735,163	607,879	127,284	682,084	53,079
2000	756,682	624,169	132,513	704,186	52,496
2001	766,227	628,086	138,141	712,575	53,652
2002	758,058	630,405	127,653	705,139	52,919
2003	774,603	642,830	131,773	721,812	52,791
2004	797,427	658,892	138,535	743,669	53,758
2005	822,245	675,401	146,844	769,226	53,019
2006	843,333	691,920	151,413	788,970	54,363
2007	867,871	700,378	167,493	813,356	54,515
2008	862,887	695,721	167,166	806,840	56,047
2009 1/	835,643	668,418	167,225	779,980	55,663
2010 1/	831,946	665,430	166,516	775,679	56,267
2011	843,431	674,452	168,979	785,799	57,632

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, 2001–2011 (SA25N, September 25, 2012) <http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1> accessed May 14, 2013.

Table 12.19-- CIVILIAN EMPLOYMENT, FULL- AND PART-TIME: ANNUAL AVERAGE, 2009 TO 2011

[Number in thousands. No reports were issued for 2005 to 2007]

Year and population group	Total	Men	Women	16 to 19 years (both sexes)
2009				
Full- and part-time	585	307	278	17
Full-time total	476	263	212	6
Full-time not at work	19	10	9	(1/)
Part-time total	110	44	66	11
Economic reasons	30	16	14	3
Non- economic reasons	73	25	48	8
Not at work	6	3	4	(1/)
2010				
Full- and part-time	579	302	278	14
Full-time total	465	256	210	4
Full-time not at work	15	8	7	(1/)
Part-time total	114	46	68	10
Economic reasons	37	18	20	2
Non- economic reasons	71	26	44	8
Not at work	6	2	4	1
2011				
Full- and part-time	619	319	299	14
Full-time total	500	270	230	5
Full-time not at work	14	7	7	(1/)
Part-time total	119	49	69	9
Economic reasons	32	17	15	1
Non- economic reasons	80	30	50	8
Not at work	7	3	4	(1/)

1/ Fewer than 500 persons.

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment 2009* Ibid. *2009* (Bulletin 2748, July 2010), tables 16 and 18 <http://www.bls.gov/opub/gp/pdf/gp09_16.pdf>; and <http://www.bls.gov/opub/gp/pdf/gp09_18.pdf> accessed March 15, 2011; and Ibid. *2010* <http://www.bls.gov/opub/gp/pdf/gp10_16.pdf> accessed March 27, 2012; and Ibid. *2011* <http://www.bls.gov/opub/gp/pdf/gp11_16.pdf> accessed May 14, 2013.

Table 12.20-- OCCUPATION OF EMPLOYED CIVILIANS, BY SEX: ANNUAL AVERAGE, 2010 AND 2011

Occupation	Both sexes	Men	Women
2010			
All occupations (in thousands)	579	302	278
Percent	100.0	100.0	100.0
Management, professional, and related	32.0	29.4	34.9
Management, business, and financial operations	13.0	12.4	13.6
Professional and related	19.0	17.0	21.3
Service	23.1	23.1	23.0
Sales and office	25.8	15.0	37.5
Sales and related	12.1	9.3	15.1
Office and administrative support	13.7	5.7	22.4
Natural resources, construction, and maintenance	11.0	20.5	0.7
Farming, fishing, and forestry	0.8	1.0	0.5
Construction and extraction	6.5	12.4	0.1
Installation, maintenance, and repair	3.7	7.1	0.1
Production, transportation, and material moving	8.1	12.0	3.9
Production	3.2	4.1	2.2
Transportation and material moving	4.9	7.9	1.7
2011			
All occupations (in thousands)	619	319	300
Percent	100.0	100.0	100.0
Management, professional, and related	32.8	31.5	34.1
Management, business, and financial operations	14.2	15.5	12.7
Professional and related	18.6	16.0	21.4
Service	21.4	20.4	22.5
Sales and office	27.3	16.8	38.3
Sales and related	11.9	9.0	14.9
Office and administrative support	15.4	7.8	23.4
Natural resources, construction, and maintenance	9.7	17.7	1.1
Farming, fishing, and forestry	0.7	0.9	0.4
Construction and extraction	6.0	11.2	0.4
Installation, maintenance, and repair	3.0	5.6	0.3
Production, transportation, and material moving	8.9	13.5	3.9
Production	3.0	4.0	1.9
Transportation and material moving	5.9	9.5	2.0

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment, 2010,* (Bulletin 2768) table 18 <http://www.bls.gov/opub/gp/pdf/gp10_18.pdf> accessed March 30, 2012; and Ibid. *2011* (Bulletin 2774) table 18 <http://www.bls.gov/opub/gp/pdf/gp11_18.pdf> accessed May 14, 2013.

Table 12.21-- MULTIPLE JOBHOLDERS, NUMBERS AND PERCENT OF EMPLOYED FOR HAWAII AND PERCENT OF EMPLOYED FOR THE UNITED STATES: ANNUAL AVERAGE, 2000 TO 2011

[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 (DLIR)) "Local Area Unemployment Statistics" (LAUS) program and subsequent revisions and reestimations]

	Hawaii				United States
		Multiple jobholders			
Year	Employed, 16 years & over 1/	Number 1/	Percent of employed	Rank 2/	Multiple jobholders as percent of employed
2000	584,900	54,400	9.3	4	5.6
2001	589,200	57,700	9.8	3	5.4
2002	584,400	47,900	8.2	8	5.3
2003	592,500	45,000	7.6	13	5.3
2004	598,200	45,500	7.6	13	5.4
2005	609,900	48,800	8.0	12	5.3
2006	617,800	49,400	8.0	12	5.2
2007	620,100	50,800	8.2	8	5.2
2008 3/	617,500	50,000	8.1	9	5.2
2009 3/	593,500	45,700	7.7	9	5.2
2010 3/	603,900	42,300	7.0	11	4.9
2011 3/	614,800	37,500	6.1	15	4.9

1/ Rounded to the nearest hundred.

2/ Rank among 50 states and the District of Columbia. Rank of 1 for highest percentage of multiple jobholders. Tied in 2005 with Idaho; in 2008 with Kansas; in 2009 with Maine; in 2010 with Kansas, Maine, and Rhode Island; and 2011 with New Hampshire.

3/ Employed data benchmarked by DLIR in March 2012 and 2013.

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; *Ibid., September 2008* <http://www.bls.gov/opub/mlr/2008/09/rgtrends.pdf> accessed October 10, 2008; *Ibid., December 2009* <http://www.bls.gov/opub/mlr/2009/12/home.htm> accessed January 12, 2010; *Ibid., July 2010* <http://www.bls.gov/opub/mlr/2010/07/home.htm> accessed October 12, 2010; *Ibid. September 2011* <http://www.bls.gov/opub/mlr/2011/09/home.htm> accessed November 19, 2011; Ibid. *May 2012* <http://www.bls.gov/opub/mlr/2012/05/home.htm> accessed May 14, 2013; 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 and *Ibid.* "State of Hawaii, Not Seasonally Adjusted Civilian Labor Force " <https://www.hiwi.org/admin/gsipub/htmlarea/uploads/LFR_LAUS_LF.xls> accessed June 22, 2013; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 12.22-- 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 12.23-- EMPLOYMENT AND WAGES: 1999 TO 2011

[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				
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
2007	36,930	625,835	24,698,727	39,465
2008	37,170	619,898	25,207,465	40,664
2009	37,546	592,189	24,473,876	41,328
2010	36,772	587,232	24,476,467	41,681
2011	36,438	594,046	25,219,853	42,454
Total, excl. gov't				
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
2007	36,924	506,932	18,977,352	37,436
2008	37,164	498,433	19,172,836	38,466
2009	37,540	469,735	18,242,594	38,836
2010	36,766	465,579	18,279,136	39,261
2011	36,432	472,620	18,818,432	39,817
Private non-agr.				
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/	33,615	461,084	15,547,653	33,720
2005 2/	34,678	479,673	16,635,943	34,682
2006 2/	35,155	493,338	17,766,787	36,013
2007 2/	36,474	500,336	18,782,326	37,539
2008 2/	36,711	491,700	18,967,223	38,575
2009 2/	37,088	463,296	18,042,111	38,943
2010 2/	36,316	459,428	18,088,289	39,371
2011 2/	36,003	466,567	18,621,443	39,912

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 Relations, *Employment and Payrolls in Hawaii* (annual) and records and <http://www.hiwi.org/gsipub/index.asp?docid=420> accessed May 15, 2013; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 12.24-- EMPLOYMENT AND WAGES, BY COUNTY: 2010 AND 2011

[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)
2010 Total, including gov't				
State total	36,772	587,232	24,476,467	41,681
City and County of Honolulu	24,926	431,386	18,696,142	43,340
Hawaii County	4,894	61,706	2,247,401	36,421
Maui County	4,828	65,934	2,476,306	37,557
Kauai County	2,130	28,206	1,056,618	37,461
2010 Total, excluding gov't				
State total	36,766	465,579	18,279,136	39,261
City and County of Honolulu	24,923	335,892	13,800,640	41,087
Hawaii County	4,891	49,546	1,650,127	33,305
Maui County	4,825	56,353	1,996,657	35,431
Kauai County	2,127	23,788	831,712	34,964
2011 Total, including gov't				
State total	36,438	594,046	25,219,853	42,454
City and County of Honolulu	24,662	436,567	19,317,285	44,248
Hawaii County	4,748	61,952	2,265,306	36,566
Maui County	4,883	67,135	2,557,428	38,094
Kauai County	2,151	28,392	1,079,834	38,033
2011 Total, excluding gov't				
State total	36,432	472,620	18,818,432	39,817
City and County of Honolulu	24,659	340,990	14,248,685	41,786
Hawaii County	4,745	49,931	1,659,923	33,244
Maui County	4,880	57,703	2,061,693	35,729
Kauai County	2,148	23,996	848,130	35,345

1/ Nonprofit employers and employers with zero employment are included.

Source: Hawaii State Department of Labor and Industrial Relations, *Employment and Payrolls in Hawaii* (annual) <https://www.hiwi.org/gsipub/index.asp?docid=420> accessed May 15, 2013.

Table 12.25-- EMPLOYMENT AND WAGES, BY NAICS INDUSTRY: 2011

[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 employ-ment	Total wages ($1,000)	Average annual wage (dollars)
	Total, including government	36,438	594,046	25,219,853	42,454
	Government	6	121,425	6,401,421	52,719
	Federal	1	34,884	2,435,005	69,803
	State	1	68,020	2,929,250	43,065
	County	4	18,521	1,037,166	55,999
	Total, excluding government	36,432	472,620	18,818,432	39,817
11	Agriculture, forestry, fishing and hunting	429	6,053	196,988	32,544
21	Mining	13	332	25,729	77,496
22	Utilities	68	3,327	294,126	88,406
23	Construction	3,415	28,427	1,806,156	63,537
31-33	Manufacturing	944	13,184	532,818	40,414
311	Food manufacturing	294	5,669	162,389	28,645
323	Printing & rel. support activ.	105	826	29,438	35,639
42	Wholesale trade	2,179	17,465	868,763	49,743
44-45	Retail trade	4,439	67,095	1,887,862	28,137
448	Clothing & clothing access.	1,116	10,914	248,335	22,754
48-49	Trans. & warehousing	981	23,766	1,013,467	42,644
487	Scenic & sightseeing trans.	205	3,671	111,652	30,415
51	Information	647	8,479	489,918	57,780
52	Finance and insurance	1,590	15,240	915,317	60,060
53	Real estate, rental & leasing	1,860	11,348	481,026	42,389
54	Prof. and tech. services	4,256	24,318	1,545,494	63,553
55	Mgt of companies & enterprises	412	6,917	552,502	79,876
56	Admin. and waste services	2,243	43,930	1,303,425	29,671
61	Educational services	754	13,834	511,973	37,008
62	Health care and soc. assist.	3,617	61,217	2,869,260	46,870
621	Amb. health care services	2,720	24,073	1,358,241	56,422
622	Hospitals	26	14,645	918,198	62,697
623	Nursing and resid. care fac.	150	7,430	248,958	33,507
624	Social assistance	721	15,069	343,863	22,819
71	Arts, entertain., and recrea.	580	10,571	259,668	24,564
72	Accom. and food services	3,612	92,665	2,503,301	27,015
721	Accommodation	410	35,632	1,443,774	40,519
722	Food services & drinking places	3,202	57,033	1,059,526	18,577
81	Other serv., exc. public adm.	3,759	24,209	745,755	30,805
99	Unclassified	634	246	14,883	60,501

1/ Nonprofit employers and employers with zero employment are included.

Source: Hawaii State Department of Labor and Industrial Relations, *2011 Employment and Payrolls in Hawaii* (October 2012) <https://www.hiwi.org/admin/gsipub/htmlarea/uploads/LFR_QCEW_ES2011.pdf> accessed May 15, 2013.

Table 12.26-- AVERAGE ANNUAL WAGE IN CURRENT AND CONSTANT DOLLARS: 1969 TO 2011

[For Employees Covered by the Hawaii Employment Security Law and Unemployment Compensation for Federal Employees. Including government]

Year	Current dollars	CPI-U All Items Honolulu	1982-1984 dollars 1/	Year	Current dollars	CPI-U All Items Honolulu	1982-1984 dollars 1/
1969	6,876	39.4	17,452	1991	24,051	148.0	16,251
1970	7,424	41.5	17,889	1992	25,532	155.1	16,462
1971	7,677	43.2	17,771	1993	26,544	160.1	16,580
1972	7,989	44.6	17,913	1994	26,718	164.5	16,242
1973	8,479	46.6	18,195	1995	26,983	168.1	16,052
1974	9,087	51.5	17,645	1996	27,359	170.7	16,028
1975	9,767	56.3	17,348	1997	28,356	171.9	16,496
1976	10,347	59.1	17,508	1998	29,029	171.5	16,927
1977	10,903	62.1	17,557	1999	29,788	173.3	17,189
1978	11,630	66.9	17,384	2000	30,628	176.3	17,373
1979	12,429	74.3	16,728	2001	31,241	178.4	17,512
1980	13,548	83.0	16,323	2002	32,669	180.3	18,119
1981	14,471	91.7	15,781	2003	33,735	184.5	18,285
1982	15,367	97.2	15,810	2004	35,191	190.6	18,463
1983	16,115	99.3	16,229	2005	36,347	197.8	18,376
1984	16,714	103.5	16,149	2006	37,784	209.4	18,044
1985	17,335	106.8	16,231	2007 2/	39,465	219.504	17,979
1986	18,069	109.4	16,516	2008 2/	40,664	228.861	17,768
1987	19,060	114.9	16,588	2009 2/	41,328	230.048	17,965
1988	20,454	121.7	16,807	2010 2/	41,681	234.869	17,746
1989	21,635	128.7	16,810	2011 2/	42,454	243.622	17,426
1990	23,109	138.1	16,734				

1/ Current dollars deflated by the Consumer Price Index (CPI-U), All Items for Honolulu.

2/ U.S. Bureau of Labor Statistics began reporting the CPI in 3-decimal places in January 2007.

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 1990-2011 <https://www.hiwi.org/admin/gsipub/htmlarea/uploads/LFR_QCEW_ES2011.pdf> accessed May 15, 2013; 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; 1987-2011: U.S. Bureau of Labor Statistics, Honolulu Consumer Price Index, All Items, 1982-84=100 for All Urban Consumers (CPI-U) <http://www.bls.gov/cpi/home.htm> February 22, 2013; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 12.27-- AVERAGE ANNUAL WAGE, IN CURRENT AND CONSTANT DOLLARS, BY SELECTED INDUSTRY: 2001 AND 2011

[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	2001 1/	2011 2/		Percent change, 2001-2011 3/	
		Current dollars	2001 dollars 4/	Current dollars	2001 dollars 4/
All industries	31,241	42,454	31,088	35.9	-0.5
Federal	47,088	69,803	51,115	48.2	8.6
State	31,742	43,065	31,536	35.7	-0.6
County	39,033	55,999	41,007	43.5	5.1
Private	29,802	39,817	29,157	33.6	-2.2

1/ According to the Standard Industrial Classification Code.

2/ According to the North American Industrial Classification System.

3/ The Consumer Price Index-All Urban Consumers (CPI-U) Honolulu, All Items increased 36.6 percent from 2001 to 2011.

4/ Current dollars deflated by the Consumer Price Index (CPI-U) All Items for Honolulu, base shifted to 2001 = 100 or 136.559.

Source: Hawaii State Department of Labor and Industrial Relations, *2011 Employment and Payrolls in Hawaii* (October 2012) <https://www.hiwi.org/admin/gsipub/htmlarea/uploads/LFR_QCEW_ES2011.pdf> accessed May 15, 2013; U.S. Bureau of Labor Statistics, Honolulu Consumer Price Index, All Items, 1982-84=100 for All Urban Consumers (CPI-U) <http://www.bls.gov/cpi/home.htm> accessed February 21, 2013; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 12.28-- REPORTING UNITS AND EMPLOYMENT, BY SIZE OF FIRM: DECEMBER 2011

[Excluding government]

County	Subject 1/	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	36,432	20,972	6,494	4,401	2,839	1,037	472	217
	Employment	484,062	33,008	42,991	59,249	85,528	71,312	70,408	121,566
City and County of Honolulu	Reporting units	24,659	14,145	4,247	3,005	1,995	766	351	150
	Employment	349,603	22,235	28,248	40,373	60,327	52,842	52,605	92,973
Hawaii County	Reporting units	4,745	2,741	934	576	326	96	48	24
	Employment	51,286	4,297	6,117	7,659	9,743	6,541	7,045	9,884
Maui County	Reporting units	4,880	2,850	907	567	355	118	47	36
	Employment	58,900	4,448	5,936	7,837	10,509	8,075	6,780	15,315
Kauai County	Reporting units	2,148	1,236	406	253	163	57	26	7
	Employment	24,273	2,028	2,690	3,380	4,949	3,854	3,978	3,394

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, *2011 Employment and Payrolls in Hawaii* (October 2012), pp. 93-94 <https://www.hiwi.org/admin/gsipub/htmlarea/uploads/LFR_QCEW_ES2011.pdf> accessed May 15, 2013.

Table 12.29-- ANNUAL AVERAGE WAGES, TOTAL AND PRIVATE INDUSTRY: 1990 TO 2011

[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/	
	U.S.		Hawaii					
	Total	Private only	Total	Private only	Total	Private only	Total	Private only
1990	23,602	23,258	23,167	22,244	98.2	95.6	13	18
1991	24,578	24,178	24,104	23,176	98.1	95.9	13	19
1992	25,897	25,547	25,613	24,585	98.9	96.2	13	19
1993	26,361	25,934	26,325	25,312	99.9	97.6	12	16
1994	26,939	26,496	26,746	25,647	99.3	96.8	13	17
1995	27,846	27,441	26,977	25,913	96.9	94.4	16	21
1996	28,946	28,582	27,352	26,371	94.5	92.3	22	23
1997	30,353	30,064	28,357	26,979	93.4	89.7	24	28
1998	31,945	31,762	29,036	27,672	90.9	87.1	26	30
1999	33,340	33,244	29,794	28,163	89.4	84.7	27	32
2000	35,323	35,337	30,628	29,179	86.7	82.6	29	32
2001	36,219	36,157	31,253	29,816	86.3	82.5	31	34
2002	36,764	36,539	32,671	30,947	88.9	84.7	27	32
2003	37,765	37,508	33,742	31,974	89.3	85.2	26	31
2004	39,354	39,134	35,198	33,583	89.4	85.8	25	31
2005	40,677	40,505	36,353	34,564	89.4	85.3	26	31
2006	42,535	42,414	37,799	35,909	88.9	84.7	26	34
2007	44,458	44,362	39,466	37,437	88.8	84.4	26	34
2008	45,563	45,371	40,675	38,478	89.3	84.8	25	33
2009	45,559	45,155	41,328	38,836	90.7	86.0	23	31
2010	46,751	46,455	41,709	39,294	89.2	84.6	25	33
2011	48,043	47,815	42,473	39,838	88.4	83.3	26	38

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), table 1. See also tables 5, 6, and 10; Ibid. "Quarterly Census of Employment and Wages" <http://www.bls.gov/cew/> accessed June 22, 2013; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 12.30-- WORKERS, EARNINGS AND HOURS IN SPECIFIED INDUSTRIES: ANNUAL AVERAGE, 2008 TO 2012

[2011 and 2012 data have been benchmarked. Number of production workers rounded to nearest 50]

Subject	2008	2009	2010	2011	2012
Production workers					
Natural resources, mining and construction	28,100	22,200	20,100	19,700	20,900
Manufacturing	10,400	9,200	8,900	9,500	9,500
Trade, transportation and utilities	95,400	88,400	88,900	92,300	97,200
Wholesale trade	15,000	13,900	14,000	14,200	14,200
Retail trade	58,800	55,100	55,700	57,000	58,900
Information	(1/)	(1/)	(1/)	(1/)	(1/)
Financial activities	23,000	21,500	20,100	18,800	19,300
Accommodation and food services	84,300	80,000	79,500	82,500	86,900
Accommodation	(1/)	(1/)	(1/)	(1/)	(1/)
Food services and drinking places	51,300	49,000	48,600	50,200	52,800
Average weekly earnings (dollars)					
Natural resources, mining and construction	1,134.87	1,216.93	1,316.26	1,336.35	1,236.87
Manufacturing	702.30	667.10	644.73	649.74	723.30
Trade, transportation and utilities	542.79	574.43	587.92	604.74	637.80
Wholesale trade	735.69	799.20	796.32	682.29	540.85
Retail trade	424.11	440.03	456.77	468.29	481.93
Information	(1/)	(1/)	(1/)	(1/)	(1/)
Financial activities	705.29	739.40	775.97	762.20	742.41
Accommodation and food services	423.70	419.24	413.72	429.82	459.82
Accommodation	(1/)	(1/)	(1/)	(1/)	(1/)
Food services and drinking places	306.34	309.72	306.06	311.38	365.53
Average weekly hours					
Natural resources, mining and construction	36.2	37.0	38.6	37.9	35.4
Manufacturing	37.0	35.0	34.7	35.7	37.8
Trade, transportation and utilities	33.3	33.3	33.0	33.1	33.1
Wholesale trade	38.7	40.0	39.5	37.8	34.8
Retail trade	30.1	30.6	31.2	31.9	31.8
Information	(1/)	(1/)	(1/)	(1/)	(1/)
Financial activities	33.3	34.2	35.4	35.7	36.3
Accommodation and food services	29.1	29.4	29.7	29.5	29.4
Accommodation	(1/)	(1/)	(1/)	(1/)	(1/)
Food services and drinking places	26.5	26.7	26.8	27.1	27.9

Continued on next page.

Table 12.30-- WORKERS, EARNINGS AND HOURS IN SPECIFIED INDUSTRIES: ANNUAL AVERAGE, 2008 TO 2012 -- Con.

Subject	2008	2009	2010	2011	2012
Average hourly earnings (dollars)					
Natural resources, mining and construction	31.35	32.89	34.10	35.26	34.97
Manufacturing	18.93	19.06	18.58	18.20	19.15
Trade, transportation and utilities	16.30	17.25	17.87	18.27	19.25
Wholesale trade	19.01	19.98	20.16	18.05	15.53
Retail trade	14.09	14.38	14.64	14.68	15.16
Information	(1/)	(1/)	(1/)	(1/)	(1/)
Financial activities	21.18	21.62	21.92	21.35	20.47
Accommodation and food services	14.56	14.26	13.93	14.57	15.62
Accommodation	(1/)	(1/)	(1/)	(1/)	(1/)
Food services and drinking places	11.56	11.60	11.42	11.49	13.08

1/ Data are no longer available.

Source: Hawaii State Department of Labor and Industrial Relations, "Production Worker Hours & Earnings, All Selected Industries" <http://www.hiwi.org/article.asp?ARTICLEID=1848&PAGEID=94&SUBID=> accessed May 15, 2013.

Table 12.31-- AVERAGE HOURLY PAY RATES FOR SELECTED JOB CLASSIFICATIONS IN PRIVATE INDUSTRY: 2005 TO 2011

[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. Over this period, the survey was conducted some time between June through September and covered 90 jobs for the 2005 and 2006 reports, 91 jobs for the 2007, 82 for the 2008, and 94 for the 2009 through 2011]

Job classification	Job code	2005	2006	2007	2008	2009	2010	2011
Clerk, entry level	43.03	10.84	11.15	11.25	11.90	12.30	13.36	13.98
Secretary	43.06	15.80	16.02	16.39	17.53	18.12	18.59	19.00
Telephone operator 1/	43.10	15.26	14.79	15.44	15.95	16.52	17.53	17.39
Bookkeeper, full-charge	46.06	18.10	19.13	18.00	20.42	18.48	21.68	20.54
Cashier	46.07	14.91	15.48	16.26	16.90	18.29	16.59	15.87
Engineering drafting tech.	47.01	28.14	21.86	27.35	30.48	28.17	32.01	29.32
Housekeeper	48.01	13.07	13.60	13.82	14.35	14.92	14.92	15.44
Cook, general	48.09	15.48	17.15	16.08	16.64	17.93	17.95	17.55
Wait help	48.13	6.85	7.57	8.50	7.97	7.95	7.94	8.20
Laborer, light	50.06	9.55	10.87	10.12	10.68	10.41	10.31	10.67
Carpenter, maintenance	50.12	20.61	21.35	23.12	21.05	23.88	27.14	26.54
Electrician, maintenance	50.15	24.13	24.33	29.68	28.80	28.76	31.55	30.24
Automotive mechanic	50.19	23.47	24.55	23.71	24.69	25.43	27.02	25.42
Driver III (Tractor trailer) 2/	51.05	15.79	17.43	17.26	16.71	18.73	18.64	19.03

1/ In earlier reports, this category, job code 43.10, was "Switchboard" or "Communications" operator.
2/ In earlier reports, this category, job code 51.05, was "Truck driver (trailer)".
Source: Hawaii Employers Council, *Pay Rates in Hawaii* (annual).

Table 12.32-- AVERAGE HOURLY PAY RATES FOR SELECTED JOB CLASSIFICATIONS IN PRIVATE INDUSTRY, BY COUNTY: 2011

[In dollars. Wage data are weighted averages, as of the July through September survey period and were effective for July 1, 2011 and cover regular full-time and part-time employees. The 14 job titles are meant to be only illustrative of the 94 reported]

Job classification	Job code	State	Kauai County	City & County of Honolulu	Maui County	Hawaii County
Clerk, entry level	43.03	13.98	(1/)	14.26	(1/)	10.62
Secretary	43.06	19.00	(1/)	19.16	19.67	17.08
Telephone operator 2/	43.10	17.39	(1/)	17.42	(1/)	(1/)
Bookkeeper, full-charge	46.06	20.54	(1/)	20.12	(1/)	(1/)
Cashier	46.07	15.87	(1/)	15.88	(1/)	(1/)
Engineering drafting technician	47.01	29.32	(1/)	(1/)	(1/)	(1/)
Housekeeper	48.01	15.44	(1/)	15.58	15.49	14.21
Cook, general	48.09	17.55	(1/)	17.21	20.61	17.31
Wait help	48.13	8.20	(1/)	8.38	7.75	(1/)
Laborer, light	50.06	10.67	(1/)	10.18	(1/)	(1/)
Carpenter, maintenance	50.12	26.54	(1/)	26.63	(1/)	(1/)
Electrician, maintenance	50.15	30.24	(1/)	30.41	(1/)	(1/)
Automotive mechanic	50.19	25.42	(1/)	26.89	22.86	(1/)
Driver III (Tractor trailer) 3/	51.05	19.03	(1/)	19.68	(1/)	18.04

1/ Not disclosed. Jobs reported by fewer than five facilities or fewer than eight employees reported.
2/ In earlier reports, this category, job code 43.10, was "Switchboard" or "Communications" operator.
3/ In earlier reports, this category, job code 51.05, was "Truck driver (trailer)".
Source: Hawaii Employers Council, *Pay Rates in Hawaii* (Research Report Number 4316, October 2011).

Table 12.33-- EMPLOYMENT AND WAGES OF HAWAII'S 25 LARGEST OCCUPATIONS: MAY 2012

[In descending order by employment. Self-employed are excluded]

SOC Code 1/	Occupation title	Employ-ment	Mean wage in dollars	
			Hourly	Annual 2/
412031	Retail salespersons	23,680	12.95	26,930
353021	Combined food preparation and serving workers including fast food	16,110	9.20	19,140
412011	Cashiers	14,700	10.97	22,810
439061	Office clerks, general	14,380	14.74	30,650
353031	Waiters and waitresses	13,030	12.64	26,280
372012	Maids and housekeeping cleaners	12,080	14.86	30,900
372011	Janitors and cleaners except maids and housekeeping cleaners	11,620	12.36	25,710
111021	General and operations managers	10,270	47.47	98,730
291141	Registered nurses	10,060	40.74	84,750
339032	Security guards	9,380	13.05	27,140
436014	Secretaries and administrative assistants, except legal, medical, and executive	8,540	17.82	37,070
373011	Landscaping and groundskeeping workers	7,850	14.30	29,740
435081	Stock clerks and order fillers	7,470	12.55	26,110
352014	Cooks, restaurant	7,260	14.04	29,200
499071	Maintenance and repair workers, general	7,080	19.98	41,560
433031	Bookkeeping, accounting, and auditing clerks	6,930	17.60	36,610
411011	First-line supervisors of retail sales workers	6,820	22.71	47,240
537062	Laborers and freight, stock, and material movers, hand	6,720	14.48	30,120
434051	Customer service representatives	6,640	16.52	34,350
352021	Food preparation workers	6,540	11.59	24,100
259041	Teacher assistants	6,360	(3/)	28,020
431011	First-line supervisors of office and administrative support workers	6,320	24.37	50,680
252021	Elementary school teachers except special education	5,910	(3/)	53,490
253098	Substitute teachers	5,110	20.98	43,630
311014	Nursing assistants	5,080	14.44	30,040

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 2012 State Occupational Employment and Wage Estimates Hawaii" <http://www.bls.gov/oes/current/oes_hi.htm> accessed April 5, 2013.

Table 12.34-- EMPLOYMENT AND WAGES OF HONOLULU METROPOLITAN STATISTICAL AREA'S 25 LARGEST OCCUPATIONS: MAY 2012

[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	17,030	13.08	27,200
35-3021	Combined food preparation & serving workers, including fast food	12,350	8.97	18,660
43-9061	Office clerks, general	10,980	14.78	30,740
41-2011	Cashiers	9,860	10.63	22,120
37-2011	Janitors & cleaners, exc. maids & housekeeping cleaners	8,600	11.88	24,720
29-1141	Registered nurses	7,820	42.13	87,630
33-9032	Security guards	7,820	12.75	26,510
35-3031	Waiters & waitresses	7,730	11.50	23,910
11-1021	General and operations managers	7,510	48.77	101,450
37-2012	Maids and housekeeping cleaners	6,540	15.06	31,330
43-6014	Secretaries & administrative assistants, except legal, medical, and executive	6,510	18.24	37,940
43-4051	Customer service representatives	5,390	16.65	34,640
25-9041	Teacher assistants	5,190	(3/)	28,050
43-3031	Bookkeeping, accounting, & auditing clerks	5,180	17.71	36,840
43-5081	Stock clerks and order fillers	5,160	12.40	25,790
53-7062	Laborers & freight, stock, & material movers, hand	5,130	14.42	29,990
35-2021	Food preparation workers	5,000	11.05	22,990
25-3098	Substitute teachers	4,600	21.02	43,720
25-2021	Elementary school teachers, except special education	4,590	(3/)	54,810
41-1011	First-line supervisors of retail sales workers	4,580	23.31	48,480
43-1011	First-line supervisors of office & admin. support workers	4,570	25.09	52,180
35-2014	Cooks, restaurant	4,500	12.49	25,970
49-9071	Maintenance & repair workers, general	4,340	19.93	41,440
37-3011	Landscaping & groundskeeping workers	4,090	13.43	27,930
13-1199	Business operations specialists, all other	3,930	30.46	63,360

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 2012 Metropolitan Area Occupational Employment and Wage Estimates Honolulu, HI MSA" <http://www.bls.gov/oes/current/oes_26180.htm> accessed April 5, 2013.

Table 12.35-- EMPLOYMENT AND WAGES OF HAWAII-MAUI-KAUAI NONMETROPOLITAN STATISTICAL AREA'S 25 LARGEST OCCUPATIONS: MAY 2012

[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	6,650	12.62	26,240
37-2012	Maids and housekeeping cleaners	5,540	14.62	30,400
35-3031	Waiters and waitresses	5,300	14.30	29,750
41-2011	Cashiers	4,840	11.65	24,230
35-3021	Combined food preparation and serving workers, including fast food	3,760	9.96	20,710
37-3011	Landscaping and groundskeeping workers	3,760	15.24	31,710
43-9061	Office clerks, general	3,400	14.60	30,360
37-2011	Janitors and cleaners, except maids and housekeeping cleaners	3,020	13.73	28,550
11-1021	General and operations managers	2,770	43.92	91,350
35-2014	Cooks, restaurant	2,750	16.58	34,490
49-9071	Maintenance and repair workers, general	2,740	20.07	41,740
43-5081	Stock clerks and order fillers	2,300	12.90	26,820
29-1141	Registered nurses	2,240	35.90	74,680
41-1011	First-line supervisors of retail sales workers	2,240	21.49	44,700
43-6014	Secretaries and administrative assistants, except legal, medical, and executive	2,040	16.48	34,280
35-9011	Dining room and cafeteria attendants and bartender helpers	1,830	10.99	22,860
43-1011	First-line supervisors of office and administrative support workers	1,760	22.49	46,780
43-3031	Bookkeeping, accounting, and auditing clerks	1,750	17.28	35,940
53-7062	Laborers and freight, stock, and material movers, hand	1,600	14.69	30,550
33-9032	Security guards	1,570	14.56	30,290
35-9021	Dishwashers	1,570	12.61	26,220
35-2021	Food preparation workers	1,540	13.31	27,690
31-1014	Nursing assistants	1,520	15.09	31,390
43-4081	Hotel, motel, and resort desk clerks	1,410	15.98	33,240
25-2021	Elementary school teachers, except special education	1,320	(3/)	48,890

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 2012 Nonmetropolitan Area Occupational Employment and Wage Estimates, Hawaii / Maui / Kauai nonmetropolitan area" <http://www.bls.gov/oes/current/oes_1500001.htm> accessed June 17, 2013.

Table 12.36-- ESTIMATED IMPACT OF THE AMERICAN RECOVERY AND REINVESTMENT ACT (ARRA) OF 2009 IN HAWAII: 2009 TO 2012

[In full-time equivalent jobs]

Category	Reporting period 1/						
	1	2	3	4	5	6	7
	Feb. 17 - Sep. 30, 2009	Oct. 1 - Dec. 31, 2009	Jan. 1 - Mar. 31, 2010	April 1 - June 30, 2010	July 1 - Sep. 30, 2010	Oct. 1 - Dec. 31, 2010	Jan. 1 - Mar. 31, 2011
Total (cumulative) 2/	4,200	8,000	11,000	13,000	13,000	13,000	(NA)
Direct employment due to ARRA grants subject to Section 1512 reporting requirements (quarterly total)	1,544.94	3,018.80	2,561.57	3,576.76	5,087.29	3,601.24	4,528.00
Awarded to State of Hawaii entity	793.25	2,423.46	1,787.55	1,931.96	3,380.07	3,084.75	3,416.91
Awarded to non-State of Hawaii entity	751.69	595.34	774.02	1,644.80	1,707.22	516.49	1,111.09

Category	Reporting period 1/						
	8	9	10	11	12	13	14
	April 1 - June 30, 2011	July 1 - Sept. 30, 2011	Oct. 1 - Dec. 31, 2011	Jan. 1 - Mar. 31, 2012	April 1 - June 30, 2012	July 1 - Sept. 30, 2012	Oct. 1 - Dec. 31, 2012
Total (cumulative) 2/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Direct employment due to ARRA grants subject to Section 1512 reporting requirements (quarterly total)	3,166.00	1,161.00	880.77	898.54	731.95	630.39	565.22
Awarded to State of Hawaii entity	2,000.91	870.82	618.24	658.64	523.17	477.68	410.81
Awarded to non-State of Hawaii entity	1,165.09	290.18	262.53	239.90	208.78	152.71	154.41

NA Not available.

1/ Because of a change in job calculation methodology for Section 1512 grants between the 1st and 2nd reporting period, figures from the 1st reporting period are not comparable with latter periods. Information on how jobs are calculated can be found at <http://www.whitehouse.gov/omb/assets/memoranda_2010/m10-08.pdf>. Information on the reporting requirements created by Section 1512 of ARRA can be found at <http://www.whitehouse.gov/omb/assets/memoranda_fy2009/m09-21.pdf>.

2/ Estimated overall impact of the ARRA on employment in Hawaii is from the Council of Economic Advisers "The Economic Impact of the American Recovery and Reinvestment Act of 2009 Sixth Quarterly Report, March 18, 2011". See <http://www.whitehouse.gov/sites/default/files/microsites/20110318-cea-arra-report.pdf >

Source: Hawaii State Department of Budget and Finance, The Official State of Hawaii American Recovery and Reinvestment Act (ARRA) website "Reporting Quarter: January-March 2013" (Version Date: May 29, 2013) <http://hawaii.gov/recovery/arra-reports/Estimated_Impact_of_ARRA_on_Employment_in_Hawaii.pdf> accessed June 12, 2013.

Table 12.37-- 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 12.38-- MINIMUM WAGE CHRONOLOGY: 1942 TO 2013

[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 has been no increase since.
The federal minimum wage of $5.15 was in effect from September 1, 1997, and rose to $5.85 on July 24, 2007 and to $6.55 and $7.25 on that day respectively in 2008 and 2009. On July 24, 2009 the federal wage rose to equal the State, the first time that has happened since January 1, 1988.

Source: Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office "A Short History of the Minimum Wage" <http://labor.hawaii.gov/rs/files/2013/01/Minimum-Wage-Hawaii-and-Federal_tagged1.pdf> accessed July 12, 2013 and records.

Table 12.39-- COMPENSATION OF LEADERS OF LARGE LABOR UNIONS: 2007 AND 2008

[In order of decreasing 2008 compensation]

Executive	Labor union	Members in 2008	Compensation	
			2007	2008
T. George Paris, Director	Hawaii Iron Workers' Stabilization Fund	(X)	251,371	403,439
Lynn Kinney, Secretary/treasurer	Painters AFL-CIO District Council 50	(X)	286,427	285,926
Reginald Castanares, Financial sec't'y	Plumbers Local 675	1,965	153,258	240,325
Ronald Taketa, Financial sec't'y	Hawaii Carpenters Union	7,200	210,157	219,445
J.N. Musto, Executive director	Univ. of Hawaii Professional Assembly	3,898	176,768	193,417
Patrick Loo, President	Food & Commercial Workers Union, Local 480	1,963	176,097	184,413
Gerald Yuh, Bus. Mgr./financial sec't'y	Int'l Brotherhood Elect. Workers, Local 1186	3,249	183,767	164,655
Rodney Capello, Bus. mgr/sec't'y/treas. 1/	Hawaii Electrical Workers 1/	198	1/ 39,947	163,185
Dayton Nakanelua, State director	United Public Workers	14,155	133,836	142,765
Arthur Tolentino, Financial sec't'y/bus. mgr.	Sheet Metal Workers Local 293	770	117,095	124,616
Ronan Kozuma, President	Teamsters Local 996	6,062	112,453	124,428
Joseph O' Donnell, Financial sec't'y/bus. mgr.	Ironworkers AFL-CIO Local 625	780	106,772	121,260
John Jumalon, Bus. mgr./financial sec't'y	Int'l Brotherhood Elect. Workers, Local 1260	2,832	58,406	118,961
Scot Long, Bus. mgr./financial sec't'y	Int'l Brotherhood Elect. Workers, Local 1357	1,616	109,391	118,502
Mike McCartney, Executive director	Hawaii State Teachers Association (from Sept. 2007)	(NA)	(X)	112,261
Randolf Kauhane, AGC	Machinists Union District Lodge 141	33,254	104,718	107,264
Fred Galdones, President	Int'l Longshore Emp. & Warehouse (ILWU), Local 142	18,046	100,475	103,946
Vaughn Chong, Financial sec't'y/bus. mgr.	Roofers AFL-CIO Local 221	284	98,077	99,081
William Hong, Executive director	Building & Construction Trades Council	(X)	94,068	94,068
Randy Perreira, Executive director	Hawaii Gov't Employees Ass'n, AFSCME Local 152	(NA)	(X)	90,906
Wayne Cahill, Administrative officer	Communications Workers Local 39117	516	85,030	84,495
Eric Gill, Financial sec't'y/treasurer	Unite Here Local 5	10,112	68,220	77,630
Lawrenece Correa, President	Bricklayers Union	1,257	64,579	69,971
Nolan Moriwaki, Financial secretary	Plasterers & Cement Masons Local 630	1,009	68,497	66,622
Jerry Ahue, President	Communications Workers Local 1491	169	75,044	50,905
Stuart McKinley, Executive director	Hawaii Nurses' Association	3,606	(X)	30,850
Gerald Liu, Secretary/treasurer	Machinists Union Lodge 1479	3,190	30,941	30,514

X Not applicable.

NA Not available.

1/ Reflects a *Honolulu Advertiser* 'Correction' to the August 2, 2009 article correcting Mr. Cappello's affiliation and clarifying that the 2007 income is for a 3-month period.

Source: *Honolulu Advertiser,* "As unions struggle, leaders' pay goes up" (August 2, 2009) <http://www.honoluluadvertiser.com/article/20090802/NEWS01/908020365/As+unions+struggle++leaders++pay+goes+up> accessed August 2, 2009 and 'Corrections' <http://www.honoluluadvertiser.com/article/99999999/NEWS49/80319019/1340> accessed August 5, 2009.

Table 12.40-- AVERAGE AND TOTAL WEEKLY HOURS AT WORK: 1998 TO 2011

[In thousands of persons and number of hours. No reports were issued for 2005 to 2007]

Subject	1998	1999	2000	2001	2002	2003	2004	2008	2009	2010	2011
Weekly hours at work	532	536	544	550	534	569	567	602	560	558	598
1 to 14 hours	25	25	26	28	24	26	25	29	31	29	30
15 to 29 hours	75	77	74	75	70	71	68	81	78	76	80
30 to 34 hours	59	44	39	48	39	41	44	44	58	53	46
35 to 39 hours	28	25	29	31	24	26	31	28	30	32	26
40 hours	217	230	243	235	253	279	276	293	255	262	309
41 to 48 hours	42	45	43	42	38	37	38	36	32	31	34
49 hours & over	87	90	91	91	87	89	85	91	76	75	74
Average hours											
Total at work	38.3	38.4	40.3	38.4	38.6	38.6	38.6	38.2	37.4	37.6	37.6
Persons who usually work full-time	42.4	42.7	43.9	42.4	42.3	42.3	42.1	41.9	41.1	41.4	41.5

NA Not available.

Source: U.S. Department of Labor, Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment, 2004,* Bulletin 2716, table 22 <http://www.bls.gov/opub/gp/laugp.htm> accessed January 16, 2009; and Ibid. *2008* (Bulletin 2737, March 2010), table 22 <http://www.bls.gov/opub/gp/pdf/gp08_16.pdf> accessed March 2, 2010; Ibid. *2009* , (Bulletin 2748, July 2010) table 22 <http://www.bls.gov/opub/gp/pdf/gp09_22.pdf> accessed March 16, 2011; Ibid. *2010* <http://www.bls.gov/opub/gp/pdf/gp10_22.pdf> accessed June 1, 2012; Ibid. *2011* <http://www.bls.gov/opub/gp/pdf/gp11_22.pdf> accessed May 15, 2013; and earlier reports.

Table 12.41-- INTERSTATE MOVEMENT OF JOB-SEEKERS PARTICIPATING IN THE UNEMPLOYMENT INSURANCE PROGRAM: 1949 TO 2012

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	1981	5,485	4,396	80
1950	966	1,105	114	1982	5,372	4,848	90
1951	377	1,139	302	1983	4,414	4,659	106
1952	455	1,667	366	1984	4,123	4,220	102
1953	576	1,775	308	1985	4,039	3,993	99
1954	907	1,698	187	1986	3,664	3,932	107
1955	665	1,812	272	1987	3,805	3,161	83
1956	686	1,617	236	1988	3,942	2,974	75
1957	1,100	1,813	165	1989	3,961	2,679	68
1958	1,547	2,219	143	1990	5,275	2,910	55
1959	1,280	2,126	166	1991	7,197	3,453	48
1960	1,716	2,595	151	1992	9,554	4,432	46
1961	2,863	3,235	113	1993	9,543	4,356	46
1962	2,966	3,594	121	1994	10,121	4,229	42
1963	2,683	3,787	141	1995	10,115	4,000	40
1964	2,572	3,705	144	1996	8,633	3,338	39
1965	2,257	3,411	151	1997	7,051	2,356	33
1966	1,859	2,655	143	1998	4,366	2,720	62
1967	2,196	3,102	141	1999	3,511	2,572	73
1968	2,014	2,896	144	2000	2,845	2,910	102
1969	2,652	3,600	136	2001	3,423	3,611	105
1970	5,078	6,062	119	2002	3,223	4,325	134
1971	6,215	6,908	111	2003	2,826	4,247	150
1972	6,124	5,994	98	2004	2,359	3,209	136
1973	5,255	6,116	116	2005	2,399	2,680	112
1974	5,924	6,988	118	2006	2,731	2,273	83
1975	7,607	8,785	115	2007	3,028	2,163	71
1976	7,458	8,334	112	2008	3,986	2,559	64
1977	5,846	8,154	139	2009	4,072	3,842	94
1978	4,313	6,261	145	2010	3,214	3,478	108
1979	4,272	5,250	123	2011	3,148	3,384	107
1980	5,211	4,956	95	2012	3,001	2,896	97

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.

Source: Hawaii State Department of Labor and Industrial Relations, Research & Statistics Office, Operations Management Information Section (OMI), records.

Table 12.42-- NONFATAL OCCUPATIONAL INJURIES AND ILLNESSES, PRIVATE INDUSTRY: 1995 TO 2011

[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
2007	18.1	4.6	3/ 11.8	3/ 3.0	6.3
2008	16.7	4.3	3/ 10.4	3/ 2.6	6.3
2009	14.9	4.0	3/ 8.9	3/ 2.4	6.0
2010	14.0	3.9	3/ 8.2	3/ 2.3	5.8
2011	12.7	3.5	3/ 7.6	3/ 2.1	5.0

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 May 15, 2013; and see also "Occupational injuries and illnesses: industry data (2011 forward)" <http://www.bls.gov/iif/data.htm> accessed May 15, 2013.

Table 12.43-- FATAL OCCUPATIONAL INJURIES BY EVENT OR EXPOSURE: 2003 TO 2011

[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	2003- 2009	2010	2011
Total	146	19	1/ 26
Aircraft incidents	25	-	(2/)
Highway incidents	24	-	(2/)
Fall to a lower level	14	4	(2/)
Struck by object or equipment	13	-	(2/)
Homicides	12	-	(2/)
Caught in or compressed by equipment or objects	8	-	(2/)
Exposure to caustic, noxious, or allergic substances	8	-	(2/)
Suicide, self-inflicted injury	7	3	(2/)
Nonhighway incidents, except rail, air, or water	7	3	(2/)
Drowning, submersion	5	-	(2/)
Water vehicle incidents	5	-	(2/)
Pedestrian struck by vehicle, mobile equipment	4	-	(2/)
Other	14	9	(2/)
Violence and other injuries by persons or animals 3/	(2/)	(2/)	-
Transportation incidents 4/	(2/)	(2/)	10
Fires and explosions	(2/)	(2/)	5
Falls, slips, trips	(2/)	(2/)	6
Exposure to harmful substances or environments	(2/)	(2/)	2
Contact with objects and equipment	(2/)	(2/)	-

1/ Includes other events and exposures such as bodily reaction, in addition to those shown separately.

2/ There have been major revisions to the Occupational Injury and Illness Classification System (OIICS), which is used to describe the characteristics of fatal work injuries. Data for the OIICS case characteristics for 2011 represent a break in series with data for prior years. More information on OIICS can be found at <www.bls.gov/iif/oshoiics.htm>.

3/ Includes violence by persons, self-inflicted injuries, and attacks by animals.

4/ Includes highway, nonhighway, air, water, and rail fatal injuries, and fatal injuries resulting from being struck by a vehicle.

Source: Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office, *Census of Fatal Occupational Injuries, 2003 to 2009* <http://hawaii.gov/labor/rs/census-of-fatal-occupational-injuries> accessed May 9, 2011 and records; and U.S. Bureau of Labor Statistics, "Fatal occupational injuries in Hawaii 2010" <http://www.bls.gov/iif/oshwc/cfoi/tgs/2010/iiffi15.htm>; Ibid. 2011 <http://www.bls.gov/iif/oshwc/cfoi/tgs/2011/iiffi15.htm> accessed July 12, 2013; and *National Census of Fatal Occupational Injuries in 2011 (Preliminary Results)* USDL- 12- 1888 (September 20, 2012) <http://www.bls.gov/news.release/pdf/cfoi.pdf> accessed July 25, 2013.

Table 12.44-- FATAL OCCUPATIONAL INJURIES FOR HAWAII AND THE UNITED STATES: 1992 TO 2011

[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	2003	21	5,575
1993	26	6,331	2004	25	5,764
1994	21	6,632	2005	15	5,734
1995	24	6,275	2006	30	5,840
1996	27	6,202	2007	23	5,657
1997	19	6,238	2008	19	5,214
1998	12	6,055	2009	13	4,551
1999	32	6,054	2010 2/	19	4,690
2000	20	5,920			
2001 1/	41	5,915	Revised OIICS 3/		
2002	24	5,534	2011 4/	26	4,693

1/ Totals for 2001 exclude fatalities resulting from the September 11 terrorist attacks.

2/ Data were revised and are final.

3/ The 2011 data incorporate a major revision in the Occupational Injury and Illness Classification System (OIICS), which is used to describe the characteristics of fatal work injuries. Because of the extensive revisions, data for the OIICS case characteristics for reference year 2011 represent a break in series with data for prior years. See also "Occupational Injury and Illness Classification Manual" <http://www.bls.gov/iif/oshoiics.htm>.

4/ Data for United States are revised and data for Hawaii 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/cfoi/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; *National Census of Fatal Occupational Injuries in 2006* , USDL 07-1202, tables 1 and 5 <http://www.bls.gov/news.release/pdf/cfoi.pdf> accessed June 3, 2008; and *National Census of Fatal Occupational Injuries in 2007* , USDL 08-1182, table 5 (August 20, 2008) accessed August 25, 2008; *National Census of Occupational Injuries in 2011,* USDL-12-1888 (September 20, 2012) table 5 <http://www.bls.gov/news.release/archives/cfoi_09202012.pdf> accessed September 20, 2012; "Revisions to the 2008 Census of Fatal Occupational Injuries (CFOI) counts" table 1 <http://www.bls.gov/iif/oshwc/cfoi/cfoi_revised08.pdf > accessed July 13,2013; Ibid 2009 <http://www.bls.gov/iif/oshwc/cfoi/cfoi_revised09.pdf> accessed July 13, 2013; Ibid 2010 <http://www.bls.gov/iif/oshwc/cfoi/cfoi_revised10.pdf> accessed July 13, 2013.; Ibid. 2011 (April 25, 2013) <http://www.bls.gov/iif/oshwc/cfoi/cfoi_revised11.pdf> accessed July 13, 2013.

Table 12.45-- WORK INJURIES, DEATHS, TIME LOST AND COMPENSATION COSTS: 1990 TO 2011

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
2007	26,105	27	961,564	247,294
2008	24,542	26	957,146	245,763
2009	21,520	20	910,488	244,375
2010	20,654	27	927,096	242,400
2011	20,515	24	945,665	246,780

Source: Hawaii State Department of Labor and Industrial Relations, *Workers' Compensation Data Book* (annual) and for 2000 to 2011 <http://labor.hawaii.gov/rs/home/work-injuries-and-illnesses/workers-compensation-data/> accessed May 15, 2013.

Table 12.46-- UNION AFFILIATION OF EMPLOYED WAGE AND SALARY WORKERS FOR HAWAII AND THE UNITED STATES: 2000 TO 2012

[Data reflect annually 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 16 years and over. Excluded are all self-employed workers regardless of whether or not their businesses are incorporated]

	Hawaii					United States				
Year	Total employed (1,000)	Members of unions (1,000) 1/	Percent of employed	Represented by unions (1,000) 2/	Percent of employed	Total employed (1,000)	Members of unions (1,000) 1/	Percent of employed	Represented by unions (1,000) 2/	Percent of employed
2000	503	125	24.8	131	26.0	122,089	16,334	13.4	18,153	14.9
2001	515	118	22.9	129	25.0	122,229	16,305	13.3	18,026	14.7
2002	490	120	24.5	124	25.3	121,826	16,145	13.3	17,695	14.5
2003	511	122	23.8	127	24.8	122,358	15,776	12.9	17,448	14.3
2004	533	126	23.7	132	24.8	123,554	15,472	12.5	17,087	13.8
2005	545	141	25.8	145	26.7	125,889	15,685	12.5	17,223	13.7
2006	562	139	24.7	146	25.9	128,237	15,359	12.0	16,860	13.1
2007	556	130	23.4	135	24.2	129,767	15,670	12.1	17,243	13.3
2008	562	136	24.3	143	25.5	129,377	16,098	12.4	17,761	13.7
2009	526	123	23.5	128	24.3	124,490	15,327	12.3	16,904	13.6
2010	511	111	21.8	120	23.5	124,073	14,715	11.9	16,290	13.1
2011	525	113	21.5	118	22.5	125,187	14,764	11.8	16,290	13.0
2012	537	116	21.6	124	23.2	127,577	14,366	11.3	15,922	12.5

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 Members - 2012" (USDL-13-0105, January 23, 2013) <http://www.bls.gov/news.release/union2.toc.htm> accessed May 15, 2013. See also "Access to Historical Data for the Tables of the Union Membership News Release", tables 1 and 5 <http://www.bls.gov/cps/cpslutabs.htm> accessed May 15, 2013.

Table 12.47-- LABOR UNIONS AND MEMBERSHIP: 2007- 2008 AND 2009- 2010

Subject	Total	AFL-CIO affiliated	Independent
2007- 2008			
Unions	112	93	19
Membership	1/ 2/ 169,127	1/ 106,439	2/ 62,688
2009- 2010			
Unions	114	95	19
Membership	3/ 4/ 177,538	3/ 106,750	4/ 70,788

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/ Footnote revised from previous *Data Book.* Excluded is one union not reporting membership: Collective Bargaining Organization of Hawaii Nurses' Association. The largest memberships reported: Teamsters, Chauffeurs, Warehousemen and Helpers of America, International Brotherhood Airlines Division Local 986 (22,000); Hawaii State Teachers' Association (12,600); and UNITE HERE (Hotel Employees & Restaurant Employees) Local 5 (10,800).

3/ Excluded are six 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); American Federation of Government Employees Local 1234; Teachers, Hawaii Federation of Local 1127; United Steel Workers Local 12-369; and United Public Workers, AFSCME, Local 646. The largest memberships reported: Hawaii Government Employees Association, AFSCME, Local 152 (43,757) and the Longshore and Warehouse Union, International Local 142 (20,900).

4/ Excluded is one union not reporting membership: Collective Bargaining Organization of Hawaii Nurses' Association. The largest memberships reported: Teamsters, Chauffeurs, Warehousemen and Helpers of America, International Brotherhood Airlines Division Local 986 (22,000); Hawaii State Teachers' Association (13,700); 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 *Ibid. 2009-2010* ; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 12.48-- STATE AND COUNTY EMPLOYEES IN COLLECTIVE BARGAINING UNITS, BY EMPLOYING JURISDICTION: 1999 TO 2012

[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.	Judici-ary	Univer-sity 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
2008	61,684	13,356	8,411	2,294	2,037	988	22,059	1,507	7,512	3,520
2009	61,528	13,478	8,253	2,241	2,118	987	22,101	1,567	7,363	3,420
2010	59,573	12,362	8,044	2,193	2,133	841	21,598	1,599	7,178	3,625
2011	59,516	12,105	7,884	2,171	2,110	1,024	21,551	1,587	7,335	3,749
2012	60,030	12,458	7,804	2,186	2,068	1,140	21,456	1,575	7,472	3,871

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 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; *No. 47,* March 3, 2009; *No. 48,* March 16, 2010; *No. 49* , June 30, 2011 and unpublished correction; No. 50, April 9, 2012; No. 51, April 30, 2013; and earlier issues; beginning with No. 43 see also <http://labor.hawaii.gov/hlrb/find-a-report/> accessed July 13, 2013.

Table 12.49-- COLLECTIVE BARGAINING AGREEMENTS: 1964 TO 2012

Year	Number of agree-ments	Workers covered		Year	Number of agree-ments	Workers covered	
		Total	Average per agree-ment			Total	Average per agree-ment
1964	275	(NA)	(NA)	1989	104	50,950	490
1965	309	31,500	102	1990	194	24,300	125
1966	277	23,800	86	1991	107	23,700	221
1967	257	15,900	62	1992	1,413	21,400	15
1968	172	15,400	90	1993	369	65,900	179
1969	296	19,100	65	1994	84	8,000	95
1970	190	14,900	78	1995	270	57,300	212
1971	151	9,800	65	1996	136	49,250	362
1972	511	47,100	92	1997	1,334	62,800	47
1973	390	28,000	72	1998	786	18,900	24
1974	223	34,700	156	1999	123	65,890	535
1975	1,265	36,100	29	2000	(1/)	(1/)	(1/)
1976	380	57,450	151	2001	(1/)	(1/)	(1/)
1977	2,255	87,350	39	2002	1,187	21,550	18
1978	967	29,500	31	2003	252	69,800	277
1979	312	61,600	198	2004	71	8,900	125
1980	2,298	49,900	22	2005	199	61,430	308
1981	267	53,700	201	2006	74	10,850	146
1982	379	27,400	72	2007	249	73,210	294
1983	1,019	68,000	67	2008	202	13,440	66
1984	901	26,200	29	2009	63	66,720	1,059
1985	350	58,450	167	2010	(1/)	(1/)	(1/)
1986	138	13,550	98	2011	(1/)	(1/)	(1/)
1987	1,375	80,400	58	2012	76	9,598	126
1988	433	16,290	38				

NA Not available.

1/ Report had been suspended in 2000 and 2001, and in 2010 and 2011.

Source: University of Hawaii at Manoa, Industrial Relations Center, *Duration of Collective Bargaining Agreements in Hawaii, 2009,* Occasional Publication No. 188 (January 2009), p. 1; and Ibid. *Hawaii Collective Bargaining Agreement Expirations & Reopenings, 2012* (2012), p. 1.

Table 12.50-- WORK STOPPAGES: 1990 TO 2012

[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	-	-	-
2008	-	-	-
2009	-	-	-
2010	3	1,725	(NA)
2011	3	2,461	(NA)
2012	-	-	-

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 12.51-- WORK STOPPAGES INVOLVING 1,000 OR MORE WORKERS: 1983 TO 2012

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)
2004-2009	-	-	-	-
2010	1	1,185	(NA)	(NA)
2011	1	1,261	(NA)	(NA)
2012	-	-	-	-

NA Not available.

1/ Workers counted more than once if involved in more than one stoppage during year.

Source: Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office, unpublished estimates. See also U.S. Bureau of Labor Statistics, Work Stoppages <http://www.bls.gov/wsp/>.

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 USDA, NASS, Hawaii Field Office, 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: 2012,* Section 13.

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Narrative

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Table 13.01-- DIRECT INCOME FROM MAJOR EXPORT INDUSTRIES: 1974 TO 2012

[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	4,871.8
1986	361.9	238.4	2,579.7	5,669.7
1987	335.9	251.4	2,598.0	6,401.2
1988	324.0	247.0	2,668.9	7,938.2
1989	322.0	241.9	2,909.2	8,484.2
1990	328.9	215.9	2,713.1	8,825.9
1991	270.7	224.6	3,078.7	9,142.6
1992	237.6	197.7	3,063.5	8,754.5
1993	251.9	140.6	3,127.5	7,928.6
1994	247.9	134.1	3,403.8	9,677.0
1995	200.2	135.0	3,087.5	10,207.9
1996	168.8	147.0	3,436.0	9,709.3
1997	132.5	136.7	3,407.8	10,249.4
1998	133.1	145.1	3,609.8	10,058.8
1999	131.3	144.8	3,577.5	10,005.1
2000	95.9	132.2	3,722.8	10,590.1
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	10,054.5
2004	94.1	123.2	4,761.3	10,861.8
2005	92.5	113.4	5,015.3	11,904.0
2006	79.7	(NA)	5,379.2	12,491.6
2007	76.3	(NA)	5,466.7	12,811.1
2008	71.4	(NA)	6,107.2	11,398.5
2009	73.6	(NA)	8,319.7	9,993.2
2010	109.6	(NA)	9,995.0	11,066.3
2011	125.2	(NA)	(NA)	4/ 12,157.9
2012	(NA)	(NA)	(NA)	14,364.8

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. As first shown in *Data Book 2002,* 1998 implemented a revised methodology for visitor expenditures.

4/ Revised from previous *Data Book.*

Source: USDA, NASS, Hawaii Field Office, *Statistics of Hawaii Agriculture* (annual), records, and for 2008 to 2011 <http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Annual_Statistical_Bulletin/index.asp> accessed July 30, 2013; Hawaii State Department of Business, Economic Development & Tourism, *Annual Visitor Research Report* (annual) and records; Hawaii Tourism Authority, Tourism Research; and U.S. Census Bureau, *Consolidated Federal Funds Report* (annual) and for 1993-2010 <http://www.census.gov/govs/cffr/> accessed July 14, 2012 and records.

Table 13.02-- GROSS DOMESTIC PRODUCT, TOTAL AND PER CAPITA AND RESIDENT POPULATION: 1963 TO 2012

[Gross Domestic Product estimates for Real and Current dollar total and per capita estimates for 2009- 2011 (NAICS)

Year and category	Gross domestic product		Per capita gross domestic product		Resident population 2/
	Millions of current dollars	Millions of chained 1997 dollars 1/	Current dollars 2/	Chained 1997 dollars 1/	
SIC 3/					
1963	2,367	(NA)	3,471	(NA)	682,000
1964	2,571	(NA)	3,673	(NA)	700,000
1965	2,849	(NA)	4,047	(NA)	704,000
1966	3,110	(NA)	4,380	(NA)	710,000
1967	3,307	(NA)	4,574	(NA)	723,000
1968	3,722	(NA)	5,071	(NA)	734,000
1969	4,262	(NA)	5,736	(NA)	743,000
1970	4,813	(NA)	6,309	(NA)	762,920
1971	5,188	(NA)	6,554	(NA)	791,580
1972	5,624	(NA)	6,874	(NA)	818,104
1973	6,353	(NA)	7,546	(NA)	841,851
1974	7,143	(NA)	8,324	(NA)	858,121
1975	8,173	(NA)	9,340	(NA)	875,052
1976	8,526	(NA)	9,555	(NA)	892,335
1977	9,441	(NA)	10,310	(NA)	915,749
1978	10,508	(NA)	11,313	(NA)	928,816
1979	11,869	(NA)	12,493	(NA)	950,050
1980	13,380	(NA)	13,826	(NA)	967,710
1981	14,640	(NA)	14,966	(NA)	978,195
1982	15,740	(NA)	15,839	(NA)	993,780
1983	17,260	(NA)	17,043	(NA)	1,012,717
1984	19,132	(NA)	18,612	(NA)	1,027,922
1985	20,722	(NA)	19,931	(NA)	1,039,698
1986	22,437	(NA)	21,333	(NA)	1,051,762
1987	24,273	32,376	22,729	30,317	1,067,917
1988	26,799	34,587	24,818	32,030	1,079,827
1989	29,427	36,643	26,884	33,477	1,094,588
1990	32,534	39,176	29,218	35,183	1,113,491
1991	34,357	39,756	30,224	34,973	1,136,754
1992	36,129	40,834	31,183	35,244	1,158,613
1993	36,732	40,152	31,319	34,235	1,172,838
1994	37,395	40,062	31,490	33,735	1,187,536
1995	37,763	39,552	31,552	33,047	1,196,854
1996	38,125	39,132	31,672	32,508	1,203,755
1997	39,064	39,064	32,241	32,241	1,211,640

Continued on next page.

Table 13.02-- GROSS DOMESTIC PRODUCT, TOTAL AND PER CAPITA AND RESIDENT POPULATION: 1963 TO 2012-- Con.

Year and category	Gross domestic product		Per capita gross domestic product		Resident population 2/
	Millions of current dollars	Millions of chained 2005 dollars 1/	Current dollars 2/	Chained 2005 dollars 1/	
NAICS 3/					
1997	38,031	48,395	31,388	39,942	1,211,640
1998	38,019	47,158	31,285	38,806	1,215,233
1999	39,332	47,545	32,498	39,283	1,210,300
2000	41,450	48,819	34,157	40,230	1,213,519
2001	42,529	48,444	34,691	39,515	1,225,948
2002	44,752	49,595	36,102	40,008	1,239,613
2003	48,095	51,684	38,441	41,309	1,251,154
2004	52,290	54,304	41,058	42,639	1,273,569
2005	56,901	56,901	44,016	44,017	1,292,729
2006	60,993	58,743	46,569	44,851	1,309,731
2007	64,070	59,548	48,697	45,261	1,315,675
2008	65,978	60,098	49,525	45,112	1,332,213
2009	64,787	57,902	48,107	42,995	1,346,717
2010	67,274	59,673	49,344	43,769	1,363,359
2011	70,006	60,899	50,920	44,296	1,374,810
2012	72,424	61,877	52,017	44,442	1,392,313

NA Not available.

1/ 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.

2/ Midyear population estimates of the Census Bureau. Last updated on March 27, 2013. The resident population was used to calculate the Current dollar per capita GDP.

3/ 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 2011.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by Industry (June 6, 2013) <http://www.bea.gov/iTable/index_regional.cfm> accessed June 6, 2013; Ibid. Annual State Personal Income and Employment, "SA1-3 Personal income summary, Population 1929-2012" (March 27, 2013) <http://www.bea.gov/iTable/index_regional.cfm> accessed June 6, 2013; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 13.03-- GROSS DOMESTIC PRODUCT, HAWAII AND UNITED STATES: 1963 TO 2012

[Based on the 2002 North American Industry Classification System (NAICS). 2009 to 2011 were revised from previous *Data Book*]

Year and category	Hawaii			United States		
	Millions of dollars			Millions of dollars		
	Current	Real (chained 1997 dollars) 1/	Chained quantity index (1997=100) 1/	Current	Real (chained 1997 dollars) 1/	Chained quantity index (1997=100) 1/
SIC 2/						
1963	2,367	(NA)	(NA)	607,008	(NA)	(NA)
1964	2,571	(NA)	(NA)	650,513	(NA)	(NA)
1965	2,849	(NA)	(NA)	704,697	(NA)	(NA)
1966	3,110	(NA)	(NA)	767,075	(NA)	(NA)
1967	3,307	(NA)	(NA)	811,782	(NA)	(NA)
1968	3,722	(NA)	(NA)	887,569	(NA)	(NA)
1969	4,262	(NA)	(NA)	962,902	(NA)	(NA)
1970	4,813	(NA)	(NA)	1,012,299	(NA)	(NA)
1971	5,188	(NA)	(NA)	1,097,173	(NA)	(NA)
1972	5,624	(NA)	(NA)	1,210,292	(NA)	(NA)
1973	6,353	(NA)	(NA)	1,356,500	(NA)	(NA)
1974	7,143	(NA)	(NA)	1,472,024	(NA)	(NA)
1975	8,173	(NA)	(NA)	1,602,228	(NA)	(NA)
1976	8,526	(NA)	(NA)	1,780,497	(NA)	(NA)
1977	9,441	(NA)	60.618	1,986,408	(NA)	54.609
1978	10,508	(NA)	62.986	2,243,230	(NA)	57.526
1979	11,869	(NA)	66.170	2,489,416	(NA)	59.258
1980	13,380	(NA)	68.503	2,713,933	(NA)	59.254
1981	14,640	(NA)	68.231	3,057,318	(NA)	60.863
1982	15,740	(NA)	68.777	3,211,370	(NA)	60.081
1983	17,260	(NA)	71.502	3,445,372	(NA)	61.804
1984	19,132	(NA)	74.183	3,853,668	(NA)	66.212
1985	20,722	(NA)	76.728	4,126,664	(NA)	68.854
1986	22,437	(NA)	79.329	4,340,813	(NA)	70.335
1987	24,273	32,376	82.879	4,649,020	6,076,695	73.351
1988	26,799	34,587	88.539	5,053,003	6,398,624	77.237
1989	29,427	36,643	93.802	5,366,080	6,540,047	78.944
1990	32,534	39,176	100.286	5,651,747	6,638,210	80.129
1991	34,357	39,756	101.770	5,842,665	6,627,809	80.003
1992	36,129	40,834	104.532	6,167,644	6,828,525	82.426
1993	36,732	40,152	102.786	6,467,698	6,967,716	84.106
1994	37,395	40,062	102.554	6,912,844	7,288,327	87.976
1995	37,763	39,552	101.249	7,299,372	7,539,096	91.003
1996	38,125	39,132	100.175	7,749,965	7,871,721	95.018
1997	39,064	39,064	100.000	8,284,432	8,284,432	100.000

Continued on next page.

Table 13.03-- GROSS DOMESTIC PRODUCT, HAWAII AND UNITED STATES: 1963 TO 2012-- Con.

Year and category	Hawaii			United States		
	Millions of dollars			Millions of dollars		
	Current	Real (chained 2005 dollars) 1/	Chained quantity index (2005=100) 1/	Current	Real (chained 2005 dollars) 1/	Chained quantity index (2005=100) 1/
NAICS 2/						
1997	38,031	48,395	85.051	8,270,462	9,856,166	78.603
1998	38,019	47,158	82.877	8,727,023	10,281,034	81.992
1999	39,332	47,545	83.556	9,286,858	10,771,147	85.900
2000	41,450	48,819	85.796	9,884,171	11,225,406	89.523
2001	42,529	48,444	85.136	10,218,019	11,365,110	90.637
2002	44,752	49,595	87.159	10,572,388	11,559,801	92.190
2003	48,095	51,684	90.830	11,067,829	11,809,034	94.178
2004	52,290	54,304	95.435	11,774,410	12,199,532	97.292
2005	56,901	56,901	100.000	12,539,116	12,539,116	100.000
2006	60,993	58,743	103.236	13,289,235	12,875,816	102.685
2007	64,070	59,548	104.652	13,936,199	13,103,341	104.500
2008	65,978	60,098	105.618	14,193,120	13,016,791	103.809
2009	64,787	57,902	101.758	13,869,678	12,592,668	100.427
2010	67,274	59,673	104.871	14,388,813	12,897,088	102.855
2011	70,006	60,899	107.025	14,959,778	13,108,318	104.539
2012	72,424	61,877	108.744	15,566,077	13,430,576	107.109

NA Not available.

1/ 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.

2/ 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 2011.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by Industry 1963 to 2012 (June 6, 2013) <http://www.bea.gov/iTable/index_regional.cfm> accessed June 6, 2013; 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 released revised estimates on June 6, 2013 but the current dollar estimates shown here were not affected. Formerly called 'Gross State Product']

Industry	1977	1982	1987	1992	1993	1994	1995	1996	1997
Total, all industries	9,441	15,740	24,273	36,129	36,732	37,395	37,763	38,125	39,064
Private industries	6,829	11,650	18,756	28,350	28,732	29,487	29,827	30,145	30,768
Agriculture, forestry, & fishing	212	339	438	471	431	451	425	451	457
Farms	181	289	340	297	273	281	249	277	284
Ag. serv, forestry, & fishing	31	49	98	174	158	171	176	174	174
Mining	(1/)	3	13	40	41	41	42	49	48
Construction	573	749	1,143	2,195	2,307	2,100	1,960	1,797	1,699
Manufacturing	511	683	991	1,215	1,053	1,085	1,041	1,062	1,023
Transp. and public utilities	982	1,486	2,375	3,483	3,299	3,531	3,804	3,932	4,056
Wholesale trade	460	653	918	1,361	1,410	1,468	1,460	1,496	1,502
Retail trade	995	1,612	2,493	3,736	3,940	4,075	4,163	4,280	4,360
Finan., insurance, & real estate	1,585	3,462	6,060	8,614	8,814	8,927	8,919	8,842	9,064
Real estate	1,240	2,673	4,658	7,177	7,210	7,298	7,414	7,417	7,534
Services	1,513	2,663	4,325	7,234	7,436	7,809	8,012	8,236	8,558
Hotels & other lodging places	437	724	1,083	1,698	1,704	1,822	1,923	2,042	2,156
Health services	316	572	959	1,739	1,849	1,952	1,997	2,024	2,068
Other than hotels & health	760	1,367	2,283	3,797	3,883	4,035	4,092	4,170	4,334
Government	2,612	4,090	5,516	7,780	8,001	7,908	7,936	7,980	8,296
Federal government	1,735	2,689	3,684	4,543	4,486	4,506	4,490	4,543	4,750
Civilian	681	1,125	1,406	1,741	1,769	1,803	1,869	1,832	1,990
Military	1,054	1,564	2,278	2,802	2,717	2,703	2,621	2,711	2,760
State and local government	876	1,401	1,832	3,236	3,515	3,402	3,446	3,437	3,546

1/ Less than $500,000.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By Industry 1963 to 2012 <http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1> accessed June 6, 2013.

Table 13.05-- GROSS DOMESTIC PRODUCT, BY NAICS INDUSTRY: 1997 TO 2012

[In millions of current dollars. GDP estimates are on the 2002 North American Industry Classification System (NAICS) basis. Estimates for 1963 to 1997 are presented on the basis of the Standard Industrial Classification (SIC). See previous table for 1977 to 1997. 2009 to 2011 are revised from previous *Data Book]*

Industry	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total, all industries	38,031	38,019	39,332	41,450	42,529	44,752	48,095	52,290	56,901	60,993	64,070	65,978	64,787	67,274	70,006	72,424
Private industries	29,735	29,674	30,725	32,712	33,397	34,842	37,464	40,744	44,499	47,688	50,048	51,015	49,198	51,056	52,975	54,825
Agri., forestry, fishing, & hunting	345	347	366	356	352	374	408	417	417	409	390	420	425	465	432	406
Mining	16	19	24	30	32	33	28	22	17	18	19	22	22	18	15	17
Utilities	847	792	823	872	855	825	922	1,044	1,056	1,253	1,337	1,510	1,459	1,713	2,075	2,248
Construction	1,710	1,758	1,773	2,007	2,060	2,264	2,588	2,836	3,572	3,971	4,328	4,359	3,881	3,729	3,768	3,925
Manufacturing	812	727	771	794	871	927	1,022	1,028	1,103	1,131	1,149	1,275	1,169	1,125	1,203	1,274
Wholesale trade	1,331	1,352	1,354	1,470	1,499	1,564	1,673	1,792	1,869	1,907	2,029	2,020	1,894	1,930	1,987	2,105
Retail trade	3,039	3,017	3,016	3,218	3,290	3,363	3,647	3,910	4,214	4,470	4,569	4,409	4,303	4,442	4,590	4,789
Trans. & warehsng, excl. U.S.P.S.	2,162	1,982	1,983	1,913	1,707	1,638	1,903	2,117	2,404	2,775	2,658	2,495	2,397	2,688	2,774	2,936
Information	1,201	1,186	1,180	1,141	1,145	1,213	1,204	1,389	1,445	1,564	1,633	1,564	1,465	1,602	1,507	1,598
Finance and insurance	1,514	1,628	1,694	1,832	1,853	2,149	2,195	2,182	2,351	2,398	2,332	2,506	2,539	2,497	2,577	2,784
Real estate, rental, & leasing	6,436	6,406	6,837	7,304	7,530	7,549	8,022	8,954	10,071	10,737	11,502	12,351	12,106	12,618	12,817	12,797
Professional & technical services	1,580	1,586	1,702	1,848	1,913	2,041	2,197	2,362	2,567	2,833	3,024	3,190	3,052	3,117	3,213	3,282
Mgt of companies & enterprises	384	413	402	410	474	575	621	815	738	741	765	747	701	711	771	813
Administrative & waste services	982	1,017	1,052	1,116	1,270	1,407	1,592	1,632	1,668	1,802	1,961	1,985	1,973	2,051	2,180	2,232
Educational services	362	373	385	415	413	442	491	535	557	598	628	681	740	747	780	803
Health care & social assistance	2,365	2,307	2,368	2,563	2,649	2,772	2,977	3,165	3,390	3,567	3,782	4,018	4,245	4,353	4,475	4,506
Arts, entertainment,& recreation	446	442	463	580	517	582	558	601	634	660	694	666	639	605	619	666
Accommodation & food services	3,114	3,186	3,395	3,624	3,727	3,867	4,110	4,568	4,960	5,244	5,587	5,159	4,564	4,946	5,434	5,876
Accommodation	2,104	2,124	2,255	2,429	2,480	2,557	2,677	3,000	3,261	3,449	3,696	3,332	2,735	3,014	3,402	(NA)
Food services & drinking places	1,010	1,062	1,140	1,194	1,247	1,310	1,433	1,568	1,699	1,795	1,892	1,828	1,829	1,932	2,032	(NA)
Other services, exc. government	1,089	1,137	1,135	1,220	1,242	1,258	1,305	1,375	1,467	1,610	1,659	1,637	1,626	1,698	1,757	1,766
Government	8,296	8,344	8,607	8,738	9,131	9,910	10,631	11,546	12,402	13,304	14,022	14,963	15,588	16,218	17,030	17,599
Federal civilian	1,990	2,055	2,112	2,268	2,308	2,531	2,677	2,824	2,936	3,093	3,217	3,295	3,499	3,801	3,991	(NA)
Federal military	2,760	2,753	2,763	2,883	3,096	3,340	3,618	4,062	4,448	4,873	5,268	5,730	6,034	6,314	6,745	(NA)
State & local	3,546	3,537	3,732	3,586	3,727	4,039	4,336	4,661	5,018	5,338	5,537	5,938	6,056	6,103	6,294	(NA)

NA Not available.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By Industry 1963 to 2012 <http://www.bea.gov/regional/index.htm> accessed June 6, 2013.

Table 13.06-- TOTAL AND PER CAPITA PERSONAL INCOME FOR THE UNITED STATES AND HAWAII: 1969 TO 2011

Year	Personal income (millions of dollars)		Resident population 1/		Per capita personal income 2/		
					Dollars		Hawaii as percent of U.S. average
	U.S.	Hawaii	U.S.	Hawaii	U.S.	Hawaii	
1969	772,084	3,367	201,298,000	743,000	3,836	4,532	118.1
1970	832,238	3,873	203,798,722	762,920	4,084	5,077	124.3
1971	897,559	4,210	206,817,509	791,580	4,340	5,319	122.6
1972	987,073	4,640	209,274,882	818,104	4,717	5,671	120.2
1973	1,105,426	5,159	211,349,205	841,851	5,230	6,128	117.2
1974	1,217,673	5,931	213,333,635	858,121	5,708	6,911	121.1
1975	1,329,714	6,472	215,456,585	875,052	6,172	7,396	119.8
1976	1,469,355	7,032	217,553,859	892,335	6,754	7,880	116.7
1977	1,626,621	7,636	219,760,875	915,749	7,402	8,338	112.6
1978	1,830,836	8,462	222,098,244	928,816	8,243	9,111	110.5
1979	2,052,037	9,594	224,568,579	950,050	9,138	10,098	110.5
1980	2,292,903	11,026	227,224,719	967,710	10,091	11,394	112.9
1981	2,572,070	11,968	229,465,744	978,195	11,209	12,235	109.2
1982	2,757,048	12,700	231,664,432	993,780	11,901	12,780	107.4
1983	2,941,857	14,059	233,792,014	1,012,717	12,583	13,883	110.3
1984	3,256,048	15,325	235,824,907	1,027,922	13,807	14,909	108.0
1985	3,482,520	16,210	237,923,734	1,039,698	14,637	15,591	106.5
1986	3,683,091	17,131	240,132,831	1,051,762	15,338	16,288	106.2
1987	3,909,771	18,281	242,288,936	1,067,917	16,137	17,118	106.1
1988	4,216,123	19,972	244,499,004	1,079,827	17,244	18,496	107.3
1989	4,541,996	22,203	246,819,222	1,094,588	18,402	20,285	110.2
1990	4,831,282	24,294	249,622,814	1,113,491	19,354	21,818	112.7
1991	5,013,484	25,876	252,980,941	1,136,754	19,818	22,763	114.9
1992	5,335,268	27,823	256,514,224	1,158,613	20,799	24,014	115.5
1993	5,558,374	28,811	259,918,588	1,172,838	21,385	24,566	114.9
1994	5,866,796	29,507	263,125,821	1,187,536	22,297	24,847	111.4
1995	6,194,245	30,112	266,278,393	1,196,854	23,262	25,160	108.2
1996	6,584,404	30,399	269,394,284	1,203,755	24,442	25,253	103.3
1997	6,994,388	31,372	272,646,925	1,211,640	25,654	25,892	100.9
1998	7,519,327	32,259	275,854,104	1,215,233	27,258	26,546	97.4
1999	7,906,131	33,244	279,040,168	1,210,300	28,333	27,467	96.9
2000	8,554,866	35,222	282,162,411	1,213,519	30,319	29,024	95.7
2001	8,878,830	35,937	284,968,955	1,225,948	31,157	29,313	94.1
2002	9,054,702	37,475	287,625,193	1,239,613	31,481	30,232	96.0
2003	9,369,072	39,032	290,107,933	1,251,154	32,295	31,197	96.6
2004	9,928,790	42,285	292,805,298	1,273,569	33,909	33,202	97.9
2005	10,476,669	45,332	295,516,599	1,292,729	35,452	35,067	98.9
2006	11,256,516	49,124	298,379,912	1,309,731	37,725	37,507	99.4
2007	11,900,562	52,555	301,231,207	1,315,675	39,506	39,946	101.1
2008	12,451,660	55,314	304,093,966	1,332,213	40,947	41,520	101.4
2009 3/	11,852,715	54,194	306,771,529	1,346,717	38,637	40,242	104.2
2010 3/	12,308,496	55,832	309,330,219	1,363,359	39,791	40,952	102.9
2011 3/	12,949,905	59,014	311,591,917	1,374,810	41,560	42,925	103.3

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/ Personal income and per capita personal income revised from previous *Data Book.*

Source: U.S. Bureau of Economic Analysis, State Personal Income Summary SA1-3 (September 25, 2012) <http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1> accessed September 25, 2012; 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 2011

Year	Disposable personal income (millions of dollars)		Resident population 1/		Per capita disposable personal income 2/		
					Dollars		Hawaii as percent of U.S. average
	U.S.	Hawaii	U.S.	Hawaii	U.S.	Hawaii	
1969	668,280	2,884	201,298,000	743,000	3,320	3,882	116.9
1970	729,812	3,336	203,798,722	762,920	3,581	4,372	122.1
1971	796,383	3,688	206,817,509	791,580	3,851	4,658	121.0
1972	863,986	4,011	209,274,882	818,104	4,128	4,902	118.8
1973	973,529	4,472	211,349,205	841,851	4,606	5,312	115.3
1974	1,067,158	5,169	213,333,635	858,121	5,002	6,024	120.4
1975	1,182,568	5,776	215,456,585	875,052	5,489	6,600	120.2
1976	1,297,543	6,229	217,553,859	892,335	5,964	6,981	117.1
1977	1,429,661	6,733	219,760,875	915,749	6,506	7,352	113.0
1978	1,602,026	7,406	222,098,244	928,816	7,213	7,973	110.5
1979	1,784,013	8,370	224,568,579	950,050	7,944	8,810	110.9
1980	1,994,796	9,637	227,224,719	967,710	8,779	9,959	113.4
1981	2,227,807	10,467	229,465,744	978,195	9,709	10,701	110.2
1982	2,403,912	11,323	231,664,432	993,780	10,377	11,394	109.8
1983	2,590,456	12,542	233,792,014	1,012,717	11,080	12,384	111.8
1984	2,879,581	13,721	235,824,907	1,027,922	12,211	13,348	109.3
1985	3,066,230	14,444	237,923,734	1,039,698	12,887	13,893	107.8
1986	3,246,952	15,229	240,132,831	1,051,762	13,521	14,479	107.1
1987	3,421,907	16,027	242,288,936	1,067,917	14,123	15,007	106.3
1988	3,712,352	17,475	244,499,004	1,079,827	15,184	16,183	106.6
1989	3,977,160	19,214	246,819,222	1,094,588	16,114	17,553	108.9
1990	4,239,944	21,046	249,622,814	1,113,491	16,985	18,901	111.3
1991	4,428,298	22,321	252,980,941	1,136,754	17,504	19,636	112.2
1992	4,725,797	24,502	256,514,224	1,158,613	18,423	21,148	114.8
1993	4,912,783	25,410	259,918,588	1,172,838	18,901	21,665	114.6
1994	5,177,168	26,054	263,125,821	1,187,536	19,676	21,939	111.5
1995	5,451,187	26,745	266,278,393	1,196,854	20,472	22,346	109.2
1996	5,753,335	26,863	269,394,284	1,203,755	21,357	22,316	104.5
1997	6,069,178	27,711	272,646,925	1,211,640	22,260	22,871	102.7
1998	6,493,891	28,414	275,854,104	1,215,233	23,541	23,382	99.3
1999	6,799,637	29,222	279,040,168	1,210,300	24,368	24,145	99.1
2000	7,323,689	30,889	282,162,411	1,213,519	25,956	25,454	98.1
2001	7,645,115	31,514	284,968,955	1,225,948	26,828	25,706	95.8
2002	8,005,335	33,420	287,625,193	1,239,613	27,833	26,960	96.9
2003	8,369,784	35,033	290,107,933	1,251,154	28,851	28,000	97.1
2004	8,882,065	37,962	292,805,298	1,273,569	30,334	29,807	98.3
2005	9,269,389	40,216	295,516,599	1,292,729	31,367	31,110	99.2
2006	9,905,432	43,547	298,379,912	1,309,731	33,197	33,249	100.2
2007	10,413,288	46,629	301,231,207	1,315,675	34,569	35,441	102.5
2008	11,017,298	49,522	304,093,966	1,332,213	36,230	37,173	102.6
2009 3/	10,709,307	49,451	306,771,529	1,346,717	34,910	36,719	105.2
2010 3/	11,114,876	51,243	309,330,219	1,363,359	35,932	37,586	104.6
2011 3/	11,553,352	53,717	311,591,917	1,374,810	37,078	39,073	105.4

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/ Disposable personal income and per capita disposable personal income revised from previous *Data Book.*

Source: U.S. Bureau of Economic Analysis, State Disposable Personal Income Summary SA51-53 (September 25, 2012) <http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1> accessed September 25, 2012; 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 comprehensive personal income revisions on October 16, 2009 and for NAICS 2009 to 2011 on September 25, 2012 but these Hawaii SIC estimates were not affected]

Item	1998	1999	2000	2001
Personal income	32,259.0	33,243.7	35,221.7	35,936.5
Earnings by place of work	24,681.4	25,476.9	27,005.4	27,594.0
Wage and salary disbursements	17,622.1	18,186.7	19,174.0	19,829.0
Suppl. to wages and salaries 1/	4,244.1	4,236.6	4,414.1	4,829.7
Proprietors' income 2/	2,815.2	3,053.6	3,417.4	2,935.3
Farm proprietors' income	38.0	43.4	40.2	39.2
Nonfarm proprietors' income	2,777.2	3,010.3	3,377.2	2,896.1
Dividends, interest, and rent 3/	6,405.3	6,510.7	6,885.3	6,868.6
Personal current transfer receipts 4/	3,746.9	3,907.0	4,115.9	4,410.9
Less: Contrib. for gov't social ins. 5/	2,574.6	2,650.9	2,784.9	2,936.9
Earnings by industry	24,681.4	25,476.9	27,005.4	27,594.0
Farm earnings	217.9	244.9	240.8	237.2
Nonfarm earnings	24,463.5	25,232.0	26,764.6	27,356.8
Private earnings	17,118.6	17,709.0	19,069.7	19,224.6
Ag. serv., forestry, fishing & oth.	126.7	132.4	137.6	138.9
Mining	26.4	26.9	29.6	28.3
Construction	1,446.0	1,474.6	1,687.8	1,694.8
Manufacturing	749.6	766.1	802.9	830.4
Durable goods	176.0	185.8	213.6	243.9
Nondurable goods	573.5	580.4	589.3	586.5
Transport. and public utilities	1,805.4	1,893.1	2,005.0	2,090.6
Wholesale trade	898.9	892.7	957.6	968.0
Retail trade	2,901.4	3,075.8	3,063.2	2,996.7
Finance, insur., and real estate	1,988.0	2,053.2	2,306.2	2,152.6
Services	7,176.3	7,394.2	8,079.8	8,324.2
Hotels and other lodging places	1,386.0	1,436.3	1,567.6	(NA)
Business services	934.1	1,047.9	1,215.7	(NA)
Health services	1,938.4	1,954.3	2,074.3	(NA)
Other	2,917.7	2,955.7	3,222.2	(NA)
Gov't and gov't enterprises	7,344.9	7,523.0	7,694.8	8,132.2
Federal	4,291.0	4,341.7	4,596.0	4,826.0
Federal, civilian	1,872.7	1,918.5	2,063.7	2,093.3
Military	2,418.3	2,423.2	2,532.3	2,732.7
State and local	3,053.9	3,181.3	3,098.9	3,306.2
State government	2,230.5	2,342.1	2,290.8	2,472.2
Local government	823.4	839.2	808.0	834.0

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 (September 25, 2012) <http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1> accessed September 25, 2012; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 13.09-- PERSONAL INCOME BY MAJOR SOURCE, BY NAICS INDUSTRY: 2007 TO 2011

[In millions of dollars. 2007 to 2010 based on the 2007 North American Industry Classification System (NAICS) and 2011 on the 2012. Estimates for 2009 to 2011 have been revised from previous *Data Book*]

Item	2007	2008	2009	2010	2011
PERSONAL INCOME	52,555.3	55,313.7	54,194.0	55,832.1	59,014.1
Earnings by place of work	40,460.1	41,225.6	40,424.4	41,546.1	43,250.3
Less: contrib. for gov't social insurance 1/	4,205.0	4,286.0	4,226.2	4,484.7	4,306.2
Employee and self-employed	2,191.0	2,264.9	2,221.7	2,260.4	1,850.9
Employer	2,013.9	2,021.1	2,004.5	2,224.3	2,455.3
Net earnings by place of residence	36,255.2	36,939.6	36,198.2	37,061.4	38,944.1
Dividends, interest, and rent 2/	9,694.5	11,049.9	9,789.7	9,724.0	10,652.6
Personal current transfer receipts 3/	6,605.7	7,324.3	8,206.0	9,046.6	9,417.4
Wage and salary disbursements	28,640.4	29,228.7	28,547.0	28,747.7	29,733.5
Supp. to wages & salaries- employer contrib.	8,056.9	8,408.7	8,588.4	9,124.0	9,738.4
For employee pension and insurance funds	6,043.0	6,387.6	6,583.9	6,899.7	7,283.1
For government social insurance	2,013.9	2,021.1	2,004.5	2,224.3	2,455.3
Proprietors' income 4/	3,762.9	3,588.2	3,289.0	3,674.4	3,778.4
Farm proprietors' income	30.6	55.6	75.2	61.2	51.8
Nonfarm proprietors' income	3,732.3	3,532.5	3,213.8	3,613.3	3,726.6
Farm earnings	236.0	249.0	263.2	264.7	287.5
Nonfarm earnings	40,224.1	40,976.6	40,161.2	41,281.4	42,962.9
Private earnings	27,431.1	27,327.3	25,907.0	26,630.5	27,574.1
Forestry, fishing, rel. activities, & other	47.0	45.8	44.0	50.4	55.2
Mining	41.9	37.9	34.4	34.6	36.4
Utilities	308.5	341.1	362.5	381.8	417.0
Construction	3,397.1	3,475.5	3,015.4	2,950.1	2,991.3
Manufacturing	847.2	868.7	749.4	735.0	774.4
Wholesale trade	1,180.7	1,144.8	1,069.4	1,072.3	1,101.3
Retail trade	2,581.4	2,487.7	2,438.2	2,493.8	2,579.9
Transportation and warehousing	1,590.3	1,453.9	1,303.8	1,349.8	1,423.0
Information	736.9	723.4	675.8	721.8	652.8
Finance and insurance	1,287.7	1,310.5	1,331.2	1,324.2	1,350.6
Real estate and rental and leasing	884.8	834.6	735.5	968.5	990.1
Professional and technical services	2,445.3	2,599.1	2,421.7	2,444.7	2,505.2
Management of companies & enterprises	656.9	633.5	603.9	588.7	638.5
Administrative and waste services	1,650.8	1,675.4	1,645.9	1,680.5	1,794.6
Educational services	566.2	610.2	648.9	654.2	688.3
Health care and social assistance	3,465.2	3,687.3	3,822.9	3,945.2	4,046.0
Arts, entertainment, and recreation	523.4	510.7	483.3	435.8	438.9
Accommodation and food services	3,603.0	3,327.5	2,976.5	3,188.3	3,428.9
Other services, except public admin.	1,616.6	1,559.8	1,544.3	1,610.7	1,661.6

Continued on next page.

Table 13.09-- PERSONAL INCOME BY MAJOR SOURCE, BY NAICS INDUSTRY: 2007 TO 2011 -- Con.

Item	2007	2008	2009	2010	2011
Government and government enterprises	12,792.9	13,649.3	14,254.2	14,650.9	15,388.8
Federal	7,773.0	8,288.4	8,786.2	9,360.6	9,962.0
Civilian	2,973.1	3,053.8	3,243.8	3,543.0	3,738.8
Military	4,799.9	5,234.6	5,542.4	5,817.7	6,223.3
State and local	5,019.9	5,360.9	5,468.0	5,290.3	5,426.7
State	3,840.3	4,083.1	4,154.6	3,955.7	4,061.6
Local	1,179.6	1,277.7	1,313.4	1,334.6	1,365.1

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.

Source: U.S. Bureau of Economic Analysis, State Personal Income (September 25, 2012) <http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1> accessed September 25, 2012.

Table 13.10-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND POPULATION BY COUNTY: 1969 TO 2011

Year	State total	City and County of Honolulu	Hawaii	Kauai	Maui and Kalawao
Total ($1,000)					
1969	3,367,076	2,860,903	225,397	110,564	170,212
1970	3,873,127	3,287,736	267,350	119,648	198,393
1971	4,210,393	3,558,720	300,138	133,022	218,513
1972	4,639,822	3,925,566	331,678	141,877	240,701
1973	5,158,646	4,363,379	368,660	159,373	267,234
1974	5,930,707	4,849,314	506,833	217,892	356,668
1975	6,472,092	5,382,486	502,824	209,153	377,629
1976	7,032,043	5,855,559	528,979	226,154	421,351
1977	7,635,808	6,334,871	580,633	247,929	472,375
1978	8,462,090	7,016,755	645,034	272,823	527,478
1979	9,594,063	7,929,467	739,611	312,659	612,326
1980	11,026,185	8,968,096	933,393	390,934	733,762
1981	11,968,239	9,850,719	943,488	402,051	771,981
1982	12,700,431	10,421,694	998,308	437,427	843,002
1983	14,059,084	11,446,542	1,129,801	493,087	989,654
1984	15,324,911	12,570,941	1,184,696	513,342	1,055,932
1985	16,209,856	13,287,528	1,233,265	547,828	1,141,235
1986	17,131,194	13,960,343	1,334,174	590,598	1,246,079
1987	18,280,954	14,879,532	1,420,853	629,803	1,350,766
1988	19,972,042	16,169,556	1,543,322	743,711	1,515,453
1989	22,203,431	17,822,094	1,769,351	860,804	1,751,182
1990	24,293,941	19,424,257	1,974,062	941,474	1,954,148
1991	25,875,678	20,604,649	2,155,279	1,032,285	2,083,465
1992	27,822,975	22,122,916	2,289,893	1,111,667	2,298,499
1993	28,811,486	22,788,381	2,417,608	1,167,940	2,437,557
1994	29,506,810	23,253,893	2,511,935	1,195,276	2,545,706
1995	30,112,266	23,661,186	2,580,190	1,246,762	2,624,128
1996	30,398,818	23,821,685	2,659,257	1,250,314	2,667,562
1997	31,371,592	24,608,562	2,733,775	1,272,788	2,756,467
1998	32,259,007	25,101,663	2,917,495	1,314,014	2,925,835
1999	33,243,744	25,697,260	3,050,964	1,361,797	3,133,723
2000	35,221,663	27,108,398	3,299,794	1,464,696	3,348,775
2001	35,936,502	27,459,274	3,478,755	1,491,802	3,506,671
2002	37,475,448	28,537,492	3,697,485	1,541,083	3,699,388
2003	39,032,023	29,704,539	3,869,362	1,618,576	3,839,546
2004	42,285,056	32,100,916	4,223,829	1,769,375	4,190,936
2005	45,332,147	34,263,920	4,638,838	1,903,776	4,525,613
2006	49,123,563	37,020,255	5,064,624	2,058,958	4,979,726
2007	52,555,337	39,429,617	5,509,169	2,256,643	5,359,908
2008	55,313,744	41,474,816	5,899,236	2,371,963	5,567,729
2009 1/	54,193,971	41,309,070	5,473,798	2,247,251	5,163,852
2010 1/	55,832,057	42,397,145	5,682,107	2,356,206	5,396,599
2011	59,014,071	44,926,809	5,928,662	2,472,457	5,686,143

Continued on next page.

Table 13.10-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND POPULATION BY COUNTY: 1969 TO 2011-- Con.

Year	State total	City and County of Honolulu	Hawaii	Kauai	Maui and Kalawao
Per capita (dollars) 2/					
1969	4,532	4,741	3,572	3,680	3,667
1970	5,077	5,271	4,207	4,039	4,313
1971	5,319	5,622	4,083	4,001	4,220
1972	5,671	5,905	4,744	4,453	4,675
1973	6,128	6,381	5,060	4,899	5,072
1974	6,911	6,947	6,859	6,697	6,647
1975	7,396	7,604	6,512	6,280	6,664
1976	7,880	8,168	6,573	6,504	7,002
1977	8,338	8,619	7,029	7,001	7,526
1978	9,111	9,476	7,530	7,434	7,998
1979	10,098	10,525	8,304	8,224	8,806
1980	11,394	11,741	10,048	9,930	10,245
1981	12,235	12,834	9,816	9,938	10,426
1982	12,780	13,429	10,105	10,464	10,933
1983	13,883	14,506	11,212	11,522	12,361
1984	14,909	15,757	11,443	11,765	12,727
1985	15,591	16,521	11,646	12,350	13,403
1986	16,288	17,226	12,312	12,961	14,259
1987	17,118	18,180	12,716	13,342	14,920
1988	18,496	19,622	13,605	15,319	16,162
1989	20,285	21,438	15,176	17,269	18,087
1990	21,818	23,165	16,238	18,219	19,213
1991	22,763	24,226	16,935	19,339	19,730
1992	24,014	25,606	17,396	20,420	21,168
1993	24,566	26,183	17,897	21,059	21,775
1994	24,847	26,467	18,240	21,164	22,184
1995	25,160	26,845	18,365	21,847	22,258
1996	25,253	26,965	18,736	21,674	22,103
1997	25,892	27,753	18,926	22,054	22,452
1998	26,546	28,302	20,006	22,717	23,473
1999	27,467	29,238	20,759	23,373	24,839
2000	29,024	30,923	22,110	25,008	25,944
2001	29,313	31,106	22,933	25,253	26,480
2002	30,232	32,048	23,920	25,693	27,488
2003	31,197	33,215	24,421	26,619	27,904
2004	33,202	35,354	25,937	28,495	29,802
2005	35,067	37,317	27,573	30,285	31,549
2006	37,507	39,938	29,185	32,442	34,160
2007	39,946	42,611	30,997	34,992	36,187
2008	41,520	44,421	32,502	36,156	36,769
2009 1/	40,242	43,798	29,809	33,784	33,664
2010 1/	40,952	44,365	30,651	35,054	34,789
2011	42,925	46,624	31,749	36,520	36,272

Continued on next page.

Table 13.10-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND POPULATION BY COUNTY: 1969 TO 2011-- Con.

Year	State total	City and County of Honolulu	Hawaii	Kauai	Maui and Kalawao
Population 2/					
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	1,213,519	876,629	149,244	58,568	129,078
2001	1,225,948	882,755	151,690	59,075	132,428
2002	1,239,613	890,473	154,576	59,981	134,583
2003	1,251,154	894,311	158,442	60,805	137,596
2004	1,273,569	907,997	162,852	62,095	140,625
2005	1,292,729	918,181	168,237	62,863	143,448
2006	1,309,731	926,954	173,536	63,465	145,776
2007	1,315,675	925,335	177,733	64,490	148,117
2008	1,332,213	933,680	181,506	65,603	151,424
2009	1,346,717	943,177	183,629	66,518	153,393
2010	1,363,359	955,636	185,381	67,217	155,125
2011	1,374,810	963,607	186,738	67,701	156,764

1/ Revised from previous *Data Book.*

2/ Per capita personal income was computed by BEA using Census Bureau midyear population estimates. Estimates for 2000-2011 reflect county population estimates available as of April, 2012.

Source: U.S. Bureau of Economic Analysis, Local Area Personal Income 2009-2011 (November 26, 2012) <http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1&isuri=1&acrdn=5> accessed November 26, 2012.

Table 13.11-- PERFORMANCE RANKINGS FOR METROPOLITAN STATISTICAL AREA, HONOLULU AND SAN JOSE-SUNNYVALE-SANTA CLARA, CALIFORNIA: 2011 AND 2012

[Top performer in 2012, San Jose-Sunnyvale-Santa Clara, California = 1]

Category and location 1/	2011		2012	
	Period	Rank	Period	Rank
Honolulu 2/				
Overall	2011	43	2012	103
Job growth (5-year)	2005 to 2010	85	2006 to 2011	103
Job growth (1-year)	2009 to 2010	98	2010 to 2011	92
Wage growth (5-year)	2004 to 2009	52	2005 to 2010	57
Wage growth (1-year)	2008 to 2009	36	2009 to 2010	126
Short-term job growth	June: 2010 to 2011	26	May: 2011 to 2012	113
High tech GDP growth (5-year)	2005 to 2010	88	2006 to 2011	101
High tech GDP growth (1-year)	2009 to 2010	30	2010 to 2011	55
High-tech GDP concentration 2/	2010	153	2011	151
Number of high-tech GDP industries with location quotients over 1 3/	2010	159	2011	160
San Jose-Sunnyvale-Santa Clara 2/				
Overall	2011	51	2012	1
Job growth (5-year)	2005 to 2010	89	2006 to 2011	61
Job growth (1-year)	2009 to 2010	72	2010 to 2011	10
Wage growth (5-year)	2004 to 2009	119	2005 to 2010	26
Wage growth (1-year)	2008 to 2009	187	2009 to 2010	1
Short-term job growth	June: 2010 to 2011	21	May: 2011 to 2012	11
High tech GDP growth (5-year)	2005 to 2010	24	2006 to 2011	10
High tech GDP growth (1-year)	2009 to 2010	62	2010 to 2011	9
High-tech GDP concentration 2/	2010	1	2011	1
Number of high-tech GDP industries with location quotients over 1 3/	2010	6	2011	6

1/ San Antonio, Texas MSA, shown in this table in *2011 Data Book* as ranking #1, achieved an overall rank of 22 in 2012.

2/ For 2011, category referred to 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. In 2012, the category title refers simply to 'concentration'.

3/ 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: 2012, Where America's Jobs Are Created and Sustained* (January 2013) <http://www.milkeninstitute.org/pdf/Best-Performing-Cities-Report-2012.pdf> accessed January 17, 2013. See also <http://www.milkeninstitute.org/publications/publications.taf?function=detail&ID=38801293&cat=ResRep>.

Table 13.12-- THE NEW ECONOMY INDEX, RANK AND SCORE FOR THE 50 STATES: 1999 TO 2012

[The changing economic landscape known as the New Economy requires state economies to be innovative, globally-linked, entrepreneurial and dynamic, with an educated workforce and all sectors embracing the use of information technology. The State New Economy Index uses between 21-29 indicators to measure the extent to which they do. Changes in methodology may limit strict comparability over the period]

State	Rank						Score					
	1999	2002	2007	2008	2010	2012	1999	2002	2007	2008	2010	2012
Alabama	44	47	46	47	47	46	32.3	45.3	45.1	37.4	43.5	45.7
Alaska	13	31	25	32	31	28	57.7	56.3	62.4	50.8	52.1	58.7
Arizona	10	16	22	20	20	16	59.2	67.2	63.2	60.0	61.0	66.7
Arkansas	49	48	47	48	48	48	26.2	41.7	44.7	35.3	40.0	41.7
California	2	3	5	8	7	4	74.3	85.5	82.9	75.0	74.3	79.1
Colorado	3	4	9	10	9	7	72.3	84.3	78.3	70.4	72.8	76.8
Connecticut	5	7	6	6	5	9	64.9	74.2	81.8	76.1	76.6	76.0
Delaware	9	9	7	4	6	2	59.9	70.5	79.6	79.3	75.0	82.1
Florida	20	18	23	23	21	21	50.8	62.7	63.2	58.3	60.6	61.4
Georgia	25	22	18	21	19	18	46.6	60.1	64.8	60.0	62.6	64.8
Hawaii	**26**	**35**	**41**	**35**	**40**	**36**	**46.1**	**53.7**	**50.9**	**47.5**	**48.7**	**53.5**
Idaho	23	20	24	26	27	24	47.9	61.6	62.8	55.6	54.2	60.5
Illinois	22	17	16	16	15	20	48.4	64.7	68.4	62.6	65.1	64.3
Indiana	37	36	31	36	35	42	41.0	52.8	55.8	47.4	49.7	49.4
Iowa	42	38	38	42	38	38	33.5	52.2	51.8	44.5	49.5	52.9
Kansas	27	29	34	31	26	29	45.8	56.7	53.6	52.9	54.5	57.7
Kentucky	39	42	45	45	44	45	39.4	48.6	45.3	41.3	46.0	45.7
Louisiana	47	45	44	41	43	44	28.2	45.9	45.9	44.7	46.0	46.1
Maine	28	25	32	28	28	27	45.6	58.3	55.6	53.9	54.0	58.9
Maryland	11	5	3	3	3	5	59.2	75.6	85.0	80.0	76.9	79.1
Massachusetts	1	1	1	1	1	1	82.3	90.0	96.1	97.0	92.6	92.4
Michigan	34	23	19	17	17	19	44.6	60.0	64.7	62.2	63.4	64.5
Minnesota	14	13	11	14	13	13	56.5	68.7	75.3	66.0	67.5	69.7
Mississippi	50	49	49	50	50	50	22.6	40.9	36.5	29.9	35.3	37.4
Missouri	35	24	35	37	33	33	44.2	58.9	53.5	46.9	50.8	54.9
Montana	46	37	42	40	37	37	29.0	52.8	49.5	46.0	49.7	53.1

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Table 13.12-- THE NEW ECONOMY INDEX, RANK AND SCORE FOR THE 50 STATES: 1999 TO 2012-- Con.

State	Rank						Score					
	1999	2002	2007	2008	2010	2012	1999	2002	2007	2008	2010	2012
Nebraska	36	33	28	27	34	35	41.8	54.4	59.0	55.4	50.5	53.7
Nevada	21	32	27	25	30	26	49.0	55.7	59.2	56.7	52.5	59.0
New Hampshire	7	15	13	13	11	12	62.5	67.6	71.1	67.7	70.6	71.9
New Jersey	8	6	2	5	4	10	60.9	75.1	86.4	77.0	76.9	75.6
New Mexico	19	27	33	29	32	30	51.4	57.2	53.7	53.2	51.7	56.8
New York	16	10	10	9	10	11	54.5	69.3	77.4	74.4	71.3	72.5
North Carolina	30	26	26	24	24	25	45.2	57.5	60.2	57.4	57.1	60.2
North Dakota	45	44	37	39	36	34	29.0	46.1	51.9	46.5	49.7	54.1
Ohio	33	30	29	30	25	32	44.8	56.5	57.8	53.0	55.2	55.5
Oklahoma	40	34	40	43	42	47	38.6	54.1	51.4	43.2	47.2	45.5
Oregon	15	11	17	15	14	14	56.1	68.9	66.8	63.8	67.0	69.3
Pennsylvania	24	19	21	22	22	22	46.7	62.3	63.6	59.2	60.2	60.6
Rhode Island	29	21	15	11	16	23	45.3	61.5	68.6	67.7	63.6	60.5
South Carolina	38	41	39	34	39	40	39.7	51.1	51.5	48.7	49.3	49.8
South Dakota	43	43	48	44	45	43	32.3	47.4	43.8	42.9	45.1	48.0
Tennessee	31	39	36	38	41	39	45.1	52.2	53.3	46.7	48.5	52.2
Texas	17	14	14	18	18	17	52.3	67.6	68.6	62.1	63.0	65.7
Utah	6	12	12	12	12	8	64.0	68.7	73.2	67.7	69.1	76.4
Vermont	18	28	20	19	23	15	51.9	56.9	64.5	60.5	59.5	67.2
Virginia	12	8	8	7	8	6	58.8	72.1	79.5	75.6	73.7	77.9
Washington	4	2	4	2	2	3	69.0	86.2	84.6	81.9	77.5	79.5
West Virginia	48	50	50	49	49	49	26.8	40.7	35.6	31.9	38.1	37.9
Wisconsin	32	40	30	33	29	31	44.9	52.0	55.9	50.6	53.1	55.8
Wyoming	41	46	43	46	46	41	34.5	45.7	47.9	40.1	45.0	49.5

Source: The Information Technology & Innovation Foundation <http://www.itif.org/> , *The State New Economy Index* (July 1999); Ibid. 2002 <http://www.itif.org/files/2002-new-state-econ-index.pdf>; Ibid. 2007 <http://www.itif.org/files/2007_State_New_Economy_Index.pdf>; Ibid. 2008 <http://www.itif.org/files/2008_State_New_Economy_Index.pdf>; Ibid. 2010 <http://www.itif.org/files/2010-state-new-economy-index.pdf>; and Ibid. 2012 <http://www2.itif.org/2012-state-new-economy-index.pdf> accessed January 11, 2013.

Table 13.13-- THE NEW ECONOMY INDEX, RANK: 2010 AND 2012

[The changing economic landscape known as the New Economy requires state economies to be innovative, globally-linked, entrepreneurial and dynamic, with an educated workforce and all sectors embracing the use of information technology. The State New Economy Index uses 26 indicators to measure the extent to which they do. Rank of 1 indicates most favorable]

Category	2010	2012
Overall	40	36
Knowledge jobs	(NA)	34
Information technology jobs	46	44
Managerial, professional, and technical jobs	41	33
Workforce education	13	14
Immigration of knowledge workers	7	28
Migration of U.S. knowledge workers	4	5
Manufacturing value added	46	46
High-wage traded services	46	39
Globalization	(NA)	30
Export focus of manufacturing and services	49	40
Foreign direct investment	8	19
Economic dynamism	(NA)	48
Job churning	32	33
Fast-growing firms	44	43
Initial public offerings	34	32
Entrepreneurial activity	45	46
Inventor patents	41	39
Digital economy	(NA)	32
Online population	21	34
E-government	25	25
Online agriculture	31	26
Broadband telecommunications	19	26
Health IT	31	27
Innovation capacity	(NA)	23
High-tech jobs	41	40
Scientists and engineers	45	39
Patents	42	3
Industry investment in R&D	44	27
Non-Industry investment in R&D	17	17
Movement toward a green economy	24	16
Venture capital	36	45

NA Not available.

Source: The Information Technology & Innovation Foundation, *The State New Economy Index 2010* <http://www.itif.org/files/2010-state-new-economy-index.pdf>; Ibid. 2012 <http://www2.itif.org/2012-state-new-economy-index.pdf> and 2012 Indicator Ranks (CSV) <http://www2.itif.org/2012-snei-indicator-ranks.csv> accessed January 11, 2013.

Table 13.14-- ECONOMIC ESTIMATES AND PROJECTIONS FOR THE STATE AND BY COUNTY: 2010 TO 2040

[In millions of 2005 dollars. See Section 1 for population and Section 12 for jobs projections from the same source]

Year	Gross domestic product	Personal income				
		Total personal income	Labor income 1/	Dividends, interest and rent	Transfer income	Contrib. for gov't insurance
State total						
2010 2/	59,329	47,838	34,952	9,047	7,623	3,785
2015	65,400	53,090	37,880	9,770	9,490	4,040
2020	71,500	58,330	40,830	10,640	11,220	4,350
2025	77,700	63,720	43,660	11,590	13,130	4,650
2030	84,100	69,100	46,460	12,590	14,990	4,940
2035	90,600	74,270	49,180	13,590	16,720	5,230
2040	97,200	79,170	51,850	14,590	18,240	5,510
Honolulu						
2010 2/	(NA)	36,140	27,520	6,470	5,130	2,980
2015	(NA)	39,720	29,770	6,870	6,260	3,180
2020	(NA)	43,180	31,980	7,370	7,240	3,410
2025	(NA)	46,730	34,080	7,910	8,370	3,630
2030	(NA)	50,290	36,120	8,480	9,530	3,840
2035	(NA)	53,700	38,070	9,060	10,620	4,050
2040	(NA)	56,870	39,950	9,630	11,540	4,250
Hawaii						
2010 2/	(NA)	5,040	2,980	1,170	1,200	320
2015	(NA)	5,840	3,290	1,320	1,570	350
2020	(NA)	6,700	3,620	1,510	1,960	390
2025	(NA)	7,580	3,950	1,710	2,340	420
2030	(NA)	8,450	4,300	1,920	2,680	460
2035	(NA)	9,280	4,660	2,140	2,980	490
2040	(NA)	10,120	5,020	2,370	3,270	530

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Table 13.14-- ECONOMIC ESTIMATES AND PROJECTIONS FOR THE STATE AND BY COUNTY: 2010 TO 2040 -- Con.

Year	Gross domestic product	Personal income				
		Total personal income	Labor income 1/	Dividends, interest and rent	Transfer income	Contrib. for gov't insurance
Maui						
2010 2/	(NA)	4,670	3,140	970	900	340
2015	(NA)	5,300	3,420	1,090	1,160	360
2020	(NA)	5,950	3,720	1,210	1,410	400
2025	(NA)	6,620	4,020	1,350	1,670	430
2030	(NA)	7,300	4,340	1,490	1,930	460
2035	(NA)	7,970	4,660	1,630	2,180	490
2040	(NA)	8,620	4,980	1,770	2,400	530
Kauai						
2010 2/	(NA)	2,000	1,310	440	390	140
2015	(NA)	2,230	1,400	490	490	150
2020	(NA)	2,510	1,500	550	610	160
2025	(NA)	2,790	1,600	620	740	170
2030	(NA)	3,060	1,700	690	850	180
2035	(NA)	3,320	1,800	760	950	190
2040	(NA)	3,560	1,900	830	1,030	200

NA Not available.

1/ Labor income is the sum of wages and salaries, supplements to wages and salaries, and proprietors' income.

2/ Actual data for State and DBEDT estimates for counties.

Source: Hawaii Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2040* (March 2012), Table 1-5 and Appendix table A-62 <http://hawaii.gov/dbedt/info/economic/data_reports/2040-long-range-forecast> accessed April 2, 2012.

Table 13.15-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES, UNRELATED INDIVIDUALS, AND PERSONS: 1949 TO 2011

[In dollars. Based on censuses made in April of following year for 1949 to 1999 and American Community Survey beginning with 2009]

Year	Households	Families	Unrelated individuals with income 2/	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)	3/ 36,808	3/ 29,831
2009	64,098	75,066	37,834	45,911	35,977
2010	63,030	76,134	38,060	45,443	36,242
2011	61,821	74,234	38,510	45,494	37,242

NA Not available.

1/ 14 years old and over through 1969, and 15 years old and over thereafter. Beginning with 2009, refers to median earnings for male or female full-time, year-round workers

2/ 14 years old and over through 1969, and 15 years old and over thereafter. Beginning with 2009, refers to median nonfamily income.

3/ 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); 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; 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; and Hawaii Department of Business, Economic Development & Tourism, Hawaii State Data Center compilations of U.S. Census Bureau American FactFinder, American Community Survey 1-Year Estimates Hawaii Geographic Area Profiles "DP03 Selected Economic Characteristics" (annual) <http://dbedt.hawaii.gov/census/acs/> accessed May 15, 2013.

Table 13.16-- MEDIAN INCOME OF FOUR-PERSON FAMILIES IN THE UNITED STATES AND HAWAII: 1974 TO 2011

[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

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Table 13.16-- MEDIAN INCOME OF FOUR-PERSON FAMILIES IN THE UNITED STATES AND HAWAII: 1974 TO 2011 -- Con.

Calendar year 1/	United States (dollars)	Hawaii (dollars)	Hawaii rank 2/	Hawaii as percent of U.S.
2006	70,354	84,472	6	120.1
2007	72,336	84,438	6	116.7
2008	75,782	91,483	6	120.7
2009	73,714	85,190	8	115.6
2010	72,767	82,726	11	113.7
2011	74,563	82,973	13	111.3

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; *Federal Register:* March 13, 2009 (Volume 74, Number 48), pp. 10922-10924 <http://www.gpoaccess.gov/fr/index.html> accessed April 2, 2009; U.S. Census Bureau, American Factfinder "American Community Survey 1-Year Estimates, Table B19119. Median Family Income In The Past 12 Months (In Inflation-Adjusted Dollars) By Family Size" (annual) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed May 15, 2013 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 13.17 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, IN CURRENT AND CONSTANT 2011 DOLLARS: 1984 TO 2011

[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 2011 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 using the ACS one-year estimates to examine the most recent state trends, and the CPS for examining historical trends (more than a few years) by state]

	Median income in current dollars					
	United States			Hawaii		
Year	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/	26,061	4.7	127	35,022	20.8	1,074
1988	27,225	4.5	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
2007	50,233	4.2	140	64,022	5.9	2,125
2008	50,303	0.1	137	61,521	-3.9	1,481
2009 11/	49,777	-1.0	213	55,649	-9.5	2,023
2010 12/	49,277	-1.0	325	59,539	7.0	2,731
2011	50,054	1.6	251	59,047	-0.8	2,531

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Table 13.17 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, IN CURRENT AND CONSTANT 2011 DOLLARS: 1984 TO 2011 -- Con.

Year	Median income in constant (2011) dollars					
	United States			Hawaii		
	Amount (dollars)	Percent change	Standard error	Amount (dollars)	Percent change	Standard error
1984 1/	46,215	(NA)	210	59,539	(NA)	2,507
1985 2/	47,079	1.9	255	57,730	-3.0	2,882
1986	48,746	3.5	253	56,785	-1.6	2,361
1987 3/	49,358	1.3	241	66,329	16.8	2,034
1988	49,737	0.8	254	60,331	-9.0	2,707
1989	50,624	1.8	278	61,358	1.7	2,326
1990	49,950	-1.3	255	64,927	5.8	2,359
1991	48,516	-2.9	232	59,982	-7.6	2,625
1992 4/	48,117	-0.8	228	66,143	10.3	2,254
1993 5/	47,884	-0.5	224	65,389	-1.1	2,696
1994 6/	48,418	1.1	221	63,411	-3.0	3,636
1995 7/	49,935	3.1	289	62,794	-1.0	1,893
1996	50,661	1.5	256	59,625	-5.0	2,702
1997	51,704	2.1	239	57,193	-4.1	1,955
1998	53,582	3.6	317	56,258	-1.6	3,264
1999 8/	54,932	2.5	256	60,072	6.8	2,473
2000 9/	54,841	-0.2	172	67,322	12.1	1,558
2001	53,646	-2.2	164	60,266	-10.5	1,596
2002	53,019	-1.2	174	59,138	-1.9	1,714
2003	52,973	-0.1	230	63,387	7.2	1,629
2004 10/	52,788	-0.3	233	66,967	5.6	2,012
2005	53,371	1.1	179	68,648	2.5	1,396
2006	53,768	0.7	231	67,454	-1.7	1,752
2007	54,489	1.3	152	69,447	3.0	2,305
2008	52,546	-3.6	143	64,264	-7.5	1,547
2009 11/	52,195	-0.7	223	58,352	-9.2	2,121
2010 12/	50,831	-2.6	335	61,417	5.3	2,817
2011	50,054	-1.5	251	59,047	-3.9	2,531

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 had been revised to reflect a correction to the weights in the 2005 Annual Social and Economic Supplement to the Current Population Survey.

11/ Beginning with 2009 income data, the Census Bureau expanded the upper income interval used to calculate medians and Gini indexes to $250,000 or more.

12/ Reflects current dollar estimate revised from previous *Data Book*.

Source: U.S. Census Bureau, Historical Income Tables - Households, Table H-8. Median Household Income by State: 1984 to 2011 (September 12, 2012) <http://www.census.gov/hhes/www/income/data/historical/household/2011/H08_2011.xls> accessed September 12, 2012.

Table 13.18- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 2-YEAR MOVING AVERAGES IN CONSTANT 2011 DOLLARS: 1984 TO 2011

[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]

	Median income, 2-year moving averages 1/					
	United States			Hawaii		
Year	Income (dollars)	Percent change	Standard error	Income (dollars)	Percent change	Standard error
1984-1985	46,647	(NA)	192	58,634	(NA)	2,217
1985-1986	47,913	2.7	209	57,258	-2.3	2,159
1986-1987	49,052	2.4	203	61,557	7.5	1,808
1987-1988	49,547	1.0	203	63,330	2.9	1,957
1988-1989	50,180	1.3	219	60,844	-3.9	2,070
1989-1990	50,287	0.2	219	63,142	3.8	1,924
1990-1991	49,233	-2.1	200	62,455	-1.1	2,049
1991-1992	48,317	-1.9	189	63,063	1.0	2,007
1992-1993	48,000	-0.7	185	65,766	4.3	2,037
1993-1994	48,151	0.3	183	64,400	-2.1	2,615
1994-1995	49,176	2.1	210	63,102	-2.0	2,325
1995-1996	50,298	2.3	224	61,209	-3.0	1,902
1996-1997	51,182	1.8	203	58,409	-4.6	1,925
1997-1998	52,643	2.9	229	56,726	-2.9	2,176
1998-1999 2/	54,257	3.1	236	58,165	2.5	2,368
1999 2/ -2000 3/	54,887	1.2	178	63,697	9.5	1,676
2000 3/ -2001	54,244	-1.2	138	63,794	0.2	1,296
2001-2002	53,333	-1.7	139	59,702	-6.4	1,360
2002-2003	52,996	-0.6	167	61,262	2.6	1,373
2003-2004 4/	52,881	-0.2	190	65,177	6.4	1,500
2004 4/ -2005	53,080	0.4	170	67,808	4.0	1,411
2005-2006	53,570	0.9	169	68,051	0.4	1,297
2006-2007	54,129	1.0	159	68,451	0.6	1,674
2007-2008	53,518	-1.1	121	66,856	-2.3	1,597
2008-2009	52,371	-2.1	152	61,308	-8.3	1,516
2009-2010	51,513	-1.6	232	59,885	-2.3	2,038
2010-2011	50,443	-2.1	254	60,232	0.6	2,160

NA Not available.

1/ Median income in 2011 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 2010 in *Data Book 2011*.

2/ Implementation of Census 2000-based population controls.

3/ Implementation of a 28,000 household sample expansion.

4/ 2004 data had been revised to reflect a correction to the weights in the 2005 Annual Social a Economic Supplement to the Current Population Survey.

Source: U.S. Census Bureau, "Table H-8A. Median Income of Households by State: 1984 to 2011 Two-Year Moving Averages" <http://www.census.gov/hhes/www/income/data/historical/household/2011/H08A_2011.xls> accessed September 12, 2012.

Table 13.19- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 3-YEAR MOVING AVERAGES IN CONSTANT 2011 DOLLARS: 1984 TO 2011

[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	47,347	169	22 & 23
1985-1987	48,394	175	23 & 24
1986-1988	49,280	174	24 & 25
1987-1989	49,906	180	22 & 23
1988-1990	50,104	185	21 & 22
1989-1991	49,697	179	20 & 21
1990-1992	48,861	166	23 & 24
1991-1993	48,172	159	23 & 24
1992-1994	48,140	157	23 & 24
1993-1995	48,745	170	22 & 23
1994-1996	49,671	181	22 & 23
1995-1997	50,767	183	22 & 23
1996-1998	51,982	188	22 & 23
1997-1999 3/	53,406	192	22 & 23
1998-2000 4/	54,452	178	21 & 22
1999 3/ - 2001	54,473	139	20 & 21
2000 4/ - 2002	53,835	119	24 & 25
2001-2003	53,213	132	24 & 25
2002-2004 5/	52,927	150	20 & 21
2003-2005 5/	53,044	151	21 & 22
2004-2006 5/	53,309	148	22 & 23
2005-2007	53,876	134	20 & 21
2006-2008	53,601	123	22 & 23
2007-2009	53,077	121	22 & 23
2008-2010	51,857	169	26 & 27
2009-2011	51,027	244	26 & 27

Continued on next page.

Table 13.19- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 3-YEAR MOVING AVERAGES IN CONSTANT 2011 DOLLARS: 1984 TO 2011 -- Con.

Year	Median income, 3-year moving averages 1/		
	Hawaii (dollars)	Standard error	Rank 2/
1984-1986	58,018	1,826	5
1985-1987	60,281	1,704	5
1986-1988	61,148	1,642	6
1987-1989	62,673	1,671	5
1988-1990	62,205	1,718	6
1989-1991	62,089	1,701	6
1990-1992	63,684	1,700	3
1991-1993	63,838	1,752	3
1992-1994	64,981	2,019	2
1993-1995	63,865	1,993	2
1994-1996	61,943	1,901	3
1995-1997	59,871	1,563	5
1996-1998	57,692	1,824	14
1997-1999 3/	57,841	1,847	16
1998-2000 4/	61,217	1,750	10
1999 3/ - 2001	62,553	1,313	9
2000 4/ - 2002	62,242	1,134	10
2001-2003	60,930	1,155	11
2002-2004 5/	63,164	1,242	8
2003-2005 5/	66,334	1,198	4
2004-2006 5/	67,690	1,190	3
2005-2007	68,516	1,286	4
2006-2008	67,055	1,338	5
2007-2009	64,021	1,374	7
2008-2010	61,344	1,539	10
2009-2011	59,605	2,026	9

1/ Median income in 2011 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 2010 in *Data Book 2011*.

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 had 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, "Table H-8B. Median Income of Households by State: 1984 to 2011 Three-Year Moving Averages" <http://www.census.gov/hhes/www/income/data/historical/household/2011/H08B_2011.xls> accessed July 27, 2013; and calculations by Hawaii Department of Business, Economic Development & Tourism.

Table 13.20-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES AND PERCENT OF FAMILIES AND PERSONS BELOW POVERTY LEVEL, BY COUNTY AND SELECTED CENSUS DESIGNATED PLACE (CDP): 2006-2010 AND 2007-2011

[Economic characteristics not available from the Census 2010. Average of the 5-year period]

Geographic area	Median income (dollars) 1/		Percent below poverty level 2/	
	Households	Families	Persons	Families
2006- 2010				
State	66,420	77,245	9.6	6.7
County: Hawaii	54,996	66,348	14.4	10.3
Honolulu	70,093	81,370	8.8	6.1
Kalawao	41,806	79,500	4.1	0.0
Kauai	62,531	71,847	8.8	6.5
Maui	63,989	74,465	8.9	6.1
CDP: Hilo	52,268	68,838	16.7	10.4
East Honolulu	108,032	117,839	3.2	2.2
Kailua (Oahu)	91,082	101,507	6.6	5.2
Kaneohe	81,927	90,048	6.8	4.7
Pearl City	82,639	89,421	5.1	3.8
Waipahu	65,774	70,509	12.5	10.0
Kahului	56,125	64,171	9.8	8.6
Lihue	63,960	70,085	7.5	6.4
2007- 2011				
State	0	0	0.0	0.0
County: Hawaii	0	0	0.0	0.0
Honolulu	71,263	83,359	9.3	6.5
Kalawao	56,875	94,167	7.1	0.0
Kauai	64,422	74,402	10.0	7.2
Maui	64,583	75,197	9.2	6.4
CDP: Hilo	53,058	70,296	16.7	10.6
East Honolulu	110,451	119,609	3.3	2.4
Kailua (Oahu)	93,539	103,440	6.6	5.0
Kaneohe	82,686	90,460	5.9	4.2
Pearl City	84,029	91,017	6.5	5.0
Waipahu	67,436	72,977	14.4	11.3
Kahului	58,214	65,716	10.6	8.3
Lihue	64,832	69,760	12.8	9.7

1/ Inflation- adjusted 2010 dollars for 2006-2010 and 2011 dollars for 2007-2011.

2/ 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, 2006-2010 American Community Survey 5-Year Estimates, Selected Economic Characteristics: 2006-2010 Hawaii, counties, and places as extracted by Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center American Community Survey 2010 Hawaii Geographic Area Profiles (5-Year Estimates) "DP03: Selected Economic Characteristics" <http://hawaii.gov/dbedt/info/census/acs/ACS2010/ACS2010_5_Year/acs_hi_2010_profiles_5_yr_estimate> accessed March 30, 2012; Ibid. 2007-2011 <http://dbedt.hawaii.gov/census/acs/ACS2011/ACS2011_5_Year/acs_hi_2011_profiles_5_yr_estimate/> accessed May 30, 2013.

Table 13.21-- ESTIMATED MEDIAN HOUSEHOLD INCOME AND POVERTY STATUS, BY COUNTY: 2010 AND 2011

[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-and-beyond 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-and-beyond estimates will be comparable. For detailed discussion, see source]

Item	Median household income		Persons in poverty 1/				Persons under 18 in poverty			
	Dollars	90% confidence interval 2/	Number	90% confidence interval 2/	Percent	90% confidence interval 2/	Number	90% confidence interval 2/	Percent	90% confidence interval 2/
2010										
State total	62,774	61,500 to 64,048	146,923	140,582 to 153,264	11.1	10.6 to 11.6	43,595	40,209 to 46,981	14.7	13.6 to 15.8
County										
Hawaii	46,444	43,586 to 49,302	33,285	28,635 to 37,935	18.3	15.7 to 20.9	10,022	7,945 to 12,099	24.5	19.4 to 29.6
Honolulu	67,519	65,610 to 69,428	87,411	79,942 to 94,880	9.5	8.7 to 10.3	25,409	21,874 to 28,944	12.3	10.6 to 14.0
Kalawao 3/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Kauai	52,714	49,013 to 56,415	8,012	6,456 to 9,568	12.1	9.8 to 14.4	2,360	1,711 to 3,009	15.7	11.4 to 20.0
Maui 3/	56,206	52,307 to 60,105	18,214	14,903 to 21,525	11.9	9.7 to 14.1	5,804	4,484 to 7,124	16.6	12.8 to 20.4
2011										
State total	62,071	61,102 to 63,040	161,606	154,618 to 168,594	12.1	11.6 to 12.6	50,172	46,733 to 53,611	16.8	15.7 to 17.9
County										
Hawaii	46,186	44,089 to 48,283	37,428	32,264 to 42,592	20.4	17.6 to 23.2	12,355	10,269 to 14,441	29.9	24.8 to 35.0
Honolulu	65,489	63,553 to 67,425	95,769	87,751 to 103,787	10.3	9.4 to 11.2	28,886	25,398 to 32,374	13.9	12.2 to 15.6
Kalawao 3/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Kauai	56,937	53,371 to 60,503	8,637	6,830 to 10,444	12.9	10.2 to 15.6	2,724	2,070 to 3,378	18.3	13.9 to 22.7
Maui 3/	57,789	54,582 to 60,996	19,773	16,334 to 23,212	12.8	10.6 to 15.0	6,207	4,852 to 7,562	17.7	13.8 to 21.6

NA Not available.

1/ Based on Mainland poverty thresholds. Official Hawaii thresholds are about 15 percent higher. See Table 13.24.

2/ 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.

3/ Kalawao is a Census-designated county but is included in Maui County for other consideration.

Source: U.S. Census Bureau, Small Area Estimates Branch <http://www.census.gov/hhes/www/saipe/index.html> accessed December 12, 2012.

Table 13.22-- INCOME OF HOUSEHOLDS AND FAMILIES: 2006- 2010 AND 2007- 2011

[Economic characteristics not available from the Census 2010. Averages of the 5-year periods. Data based on a sample. For information on using the American Community Survey results see <http://www.census.gov/acs/www/guidance_for_data_users/guidance_main/>]

Income	Households		Families	
	Number	Percent	Number	Percent
2006- 2010	442,267	100.0	308,525	100.0
Less than $10,000	25,412	5.7	9,832	3.2
$10,000 to $14,999	15,974	3.6	6,616	2.1
$15,000 to $24,999	33,393	7.6	16,809	5.4
$25,000 to $34,999	35,776	8.1	21,342	6.9
$35,000 to $49,999	53,489	12.1	34,868	11.3
$50,000 to $74,999	83,857	19.0	59,107	19.2
$75,000 to $99,999	66,430	15.0	52,958	17.2
$100,000 to $149,999	75,930	17.2	63,133	20.5
$150,000 to $199,999	28,401	6.4	24,120	7.8
$200,000 or more	23,605	5.3	19,740	6.4
Median income (dollars)	66,420	(X)	77,245	(X)
2007- 2011	445,513	100.0	310,284	100.0
Less than $10,000	25,306	5.7	9,756	3.1
$10,000 to $14,999	16,090	3.6	6,787	2.2
$15,000 to $24,999	32,235	7.2	15,880	5.1
$25,000 to $34,999	35,845	8.0	21,177	6.8
$35,000 to $49,999	54,107	12.1	34,622	11.2
$50,000 to $74,999	82,456	18.5	57,597	18.6
$75,000 to $99,999	66,455	14.9	52,894	17.0
$100,000 to $149,999	78,858	17.7	65,550	21.1
$150,000 to $199,999	29,695	6.7	25,730	8.3
$200,000 or more	24,466	5.5	20,291	6.5
Median income (dollars)	67,116	(X)	78,757	(X)

X Not applicable.

Source: U.S. Census Bureau, American Community Survey 1-Year Estimates, Selected Economic Characteristics: 2006-2010 Hawaii as extracted by Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center American Community Survey 2010 Hawaii Geographic Area Profiles (5-Year Estimates) "DP03: Selected Economic Characteristics" <http://hawaii.gov/dbedt/info/census/acs/ACS2010/ACS2010_5_Year/acs_hi_2010_profiles_5_yr_estimate> accessed March 30, 2012; and Ibid. "2007-2011" <http://dbedt.hawaii.gov/census/acs/ACS2011/ACS2011_5_Year/acs_hi_2011_profiles_5_yr_estimate/> accessed May 15, 2013.

Table 13.23-- INCOME TYPE AND PER CAPITA INCOME, BY COUNTY: 2006- 2010 AND 2007- 2011

[In number and dollars. Economic characteristics not available from the Census 2010. Averages of 5-year periods]

Subject	State total	City and County of Honolulu	County of Hawaii	County of Kalawao	County of Kauai	County of Maui
Households 2006- 2010	442,267	304,827	64,382	67	21,710	51,281
With earnings	364,878	254,194	50,028	60	17,594	43,002
Mean earnings (dollars) 1/	79,451	82,693	68,480	47,528	72,924	75,763
With Social Security income	135,465	92,655	21,125	16	7,036	14,633
Mean Social Security income (dollars) 1/	16,011	16,294	15,440	7,744	14,938	15,566
With retirement income	96,566	70,107	13,171	15	4,544	8,729
Mean retirement income (dollars) 1/	24,387	25,320	22,909	13,680	21,686	20,547
With Supplemental Security income	15,099	9,917	3,138	3	699	1,342
Mean Supplemental Security income (dollars) 1/	8,563	8,357	8,546	7,833	11,102	8,806
With public assistance income	14,798	9,976	2,825	-	743	1,254
Mean public assistance income (dollars) 1/	4,783	4,712	4,817	-	5,713	4,715
With Food Stamp/SNAP benefits in the past 12 months	32,544	20,145	7,403	3	1,527	3,466
Per capita income (dollars) 1/	28,882	29,516	26,194	43,308	26,513	29,180
Households 2007- 2011	445,513	307,248	64,270	46	21,884	52,065
With earnings	365,955	255,108	49,312	40	17,734	43,761
Mean earnings (dollars) 1/	80,203	84,053	66,502	58,078	72,697	76,263
With Social Security income	138,140	94,561	21,273	14	7,272	15,020
Mean Social Security income (dollars) 1/	16,669	16,866	16,383	5,836	15,747	16,288
With retirement income	97,027	70,286	13,033	13	4,457	9,238
Mean retirement income (dollars) 1/	25,406	26,262	24,571	9,415	22,421	21,539
With Supplemental Security income	15,608	10,288	3,130	2	679	1,509
Mean Supplemental Security income (dollars) 1/	8,955	8,745	8,875	-	11,367	9,471
With cash public assistance income	15,689	10,115	3,538	-	775	1,261
Mean cash public assistance income (dollars) 1/	5,077	5,054	4,854	-	5,509	5,619
With Food Stamp/SNAP benefits in the past 12 months	36,900	22,545	8,318	2	1,760	4,275
Per capita income (dollars) 1/	29,203	30,016	25,573	49,995	26,591	29,654

1/ In inflation-adjusted 2010 dollars for 2006- 2010, and 2011-inflation adjusted dollars for 2007- 2011.

Source: U.S. Census Bureau, 2006-2010 American Community Survey 5-Year Estimates, Selected Economic Characteristics: 2006-2010 Hawaii, counties, and places as extracted by Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center, American Community Survey 2010 Hawaii Geographic Area Profiles (5-Year Estimates) "DP03: Selected Economic Characteristics" <http://hawaii.gov/dbedt/info/census/acs/ACS2010/ACS2010_5_Year/acs_hi_2010_profiles_5_yr_estimate> accessed March 30, 2012; and Ibid. 2007- 2011 <http://dbedt.hawaii.gov/census/acs/ACS2011/ACS2011_5_Year/acs_hi_2011_profiles_5_yr_estimate/> accessed May 15, 2013.

Table 13.24-- POVERTY STATUS OF PERSONS: 1969, 1975, AND 1979 TO 2011

[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
2007 2/	1,264	94	12	7.5	0.91
2008 2/	1,255	125	13	9.9	1.05
2009 2/	1,250	156	14	12.5	1.16
2010 2/ 4/	1,311	162	15	12.4	1.18
2011 2/	1,337	162	18	12.1	1.35

Continued on next page.

Table 13.24-- POVERTY STATUS OF PERSONS: 1969, 1975, AND 1979 TO 2011 -- Con.

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; 12.3 percent in 2006, 12.5 percent in 2007, 13.2 percent in 2008, 14.3 percent in 2009, 15.1 percent in 2010, and 15.0 percent in 2011.

3/ Source revised to reflect a correction to weights in the 2005 Annual Social and Economic (ASEC) Supplement.

4/ Revised from previous *Data Book.*

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 and Table 21 <http://www.census.gov/hhes/www/poverty/data/historical/people.html> accessed September 12, 2012.

Table 13.25-- POVERTY STATUS, FOR THE STATE AND BY COUNTY: 2007- 2011

[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. Economic characteristics not available from the Census 2010. Average of 2007- 2017. Data in percent below poverty level]

Subject	State total	City & County of Honolulu	Hawaii County	Kalawao County	Kauai County	Maui County
All families	7.1	6.5	10.6	0.0	7.2	6.4
With related children under 18 years	10.8	9.8	17.3	(1/)	9.0	10.3
With related children under 5 years only	11.9	10.5	18.6	(1/)	16.7	12.4
Married couple families	4.0	3.6	6.2	0.0	5.1	3.2
With related children under 18 years	5.1	4.5	9.2	(1/)	6.6	4.2
With related children under 5 years only	5.2	4.1	9.9	(1/)	10.3	7.1
Families with female householder, no husband present	19.2	18.3	24.6	(1/)	19.0	17.2
With related children under 18 years	27.8	27.4	34.2	(1/)	22.1	23.8
With related children under 5 years only	35.1	35.0	40.0	(1/)	39.0	29.1
All people	10.2	9.3	15.8	7.1	10.0	9.2
Under 18 years	13.6	12.2	22.1	(1/)	12.2	12.4
Related children under 18 years	13.2	11.9	21.7	(1/)	11.4	11.7
Related children under 5 years	14.8	13.1	25.3	(1/)	12.9	14.4
Related children 5 to 17 years	12.5	11.4	20.3	(1/)	10.8	10.6
18 years and over	9.3	8.5	13.9	7.1	9.3	8.3
18 to 64 years	9.7	8.8	15.0	6.1	9.6	8.9
65 years and over	7.3	7.2	9.1	8.7	8.1	5.3
People in families	7.4	6.7	12.0	0.0	7.1	6.5
Unrelated individuals 15 years and over	23.9	22.7	31.4	10.0	24.4	20.9

1/ Either there were no sample observations or too few sample observations were available to compute an estimate.

Source: U.S. Census Bureau, 2007-2011 American Community Survey 5-Year Estimates, Selected Economic Characteristics: 2007-2011 Hawaii, counties, and places as extracted by Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center, American Community Survey 2011 Hawaii Geographic Area Profiles (5-Year Estimates) "DP03: Selected Economic Characteristics" <http://dbedt.hawaii.gov/census/acs/ACS2011/ACS2011_5_Year/acs_hi_2011_profiles_5_yr_estimate/> accessed June 14, 2013.

Table 13.26-- POVERTY INCOME GUIDELINES FOR HAWAII, 1993 TO 2013 AND FOR THE UNITED STATES AND ALASKA, 2009 TO 2013

[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]

	Size of family unit								
Effective date	1	2	3	4	5	6	7	8	Add'n member
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. 23, 2009	12,460	16,760	21,060	25,360	29,660	33,960	38,260	42,560	4,300
Aug. 3, 2010	12,460	16,760	21,060	25,360	29,660	33,960	38,260	42,560	4,300
Jan. 20, 2011	12,540	16,930	21,320	25,710	30,100	34,490	38,880	43,270	4,390
Jan. 26, 2012	12,860	17,410	21,960	26,510	31,060	35,610	40,160	44,710	4,550
Jan. 24, 2013	13,230	17,850	22,470	27,090	31,710	36,330	40,950	45,570	4,620
Jan. 23, 2009									
United States 1/	10,830	14,570	18,310	22,050	25,790	29,530	33,270	37,010	3,740
Alaska	13,530	18,210	22,890	27,570	32,250	36,930	41,610	46,290	4,680
Aug. 3, 2010									
United States 1/	10,830	14,570	18,310	22,050	25,790	29,530	33,270	37,010	3,740
Alaska	13,530	18,210	22,890	27,570	32,250	36,930	41,610	46,290	4,680
Jan. 20, 2011									
United States 1/	10,890	14,710	18,530	22,350	26,170	29,990	33,810	37,630	3,820
Alaska	13,600	18,380	23,160	27,940	32,720	37,500	42,280	47,060	4,780
Jan. 26, 2012									
United States 1/	11,170	15,130	19,090	23,050	27,010	30,970	34,930	38,890	3,960
Alaska	13,970	18,920	23,870	28,820	33,770	38,720	43,670	48,620	4,950
Jan. 24, 2013									
United States 1/	11,490	15,510	19,530	23,550	27,570	31,590	35,610	39,630	4,020
Alaska	14,350	19,380	24,410	29,440	34,470	39,500	44,530	49,560	5,030

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Table 13.26-- POVERTY INCOME GUIDELINES FOR HAWAII, 1993 TO 2013 AND FOR THE UNITED STATES AND ALASKA, 2009 TO 2013-- Con.

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; Jan. 23, 2008; Jan. 23, 2009; Aug. 3, 2010; Jan. 20, 2011; Jan. 26, 2012; and Jan. 15, 2013. 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;
for 2008 <http://aspe.hhs.gov/poverty/08fedreg.pdf> accessed January 25, 2008;
for 2009 <http://aspe.hhs.gov/poverty/09fedreg.pdf> accessed January 26, 2009;
for 2010 <http://aspe.hhs.gov/poverty/10poverty.shtml> accessed August 3, 2010;
for 2011 <http://aspe.hhs.gov/poverty/11poverty.shtml> accessed March 16, 2011;
for 2012 <http://aspe.hhs.gov/poverty/12poverty.shtml> accessed March 27, 2012; and
for 2013 <http://aspe.hhs.gov/poverty/13poverty.cfm> accessed May 15, 2013.

Table 13.27-- 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; for 2006- 2007 on November 25, 2008; for 2007- 2008 on October 6, 2009; for 2008- 2009 on October 5, 2010; for 2009- 2010 on September 27, 2011; and for 2010- 2011 on September 25, 2012 but Honolulu is no longer shown]

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

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Table 13.27-- 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> accessed December 27, 2006.

Table 13.28-- 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; for 2006- 2007 on November 25, 2008; and for 2007- 2008 on October 6, 2009; for 2008- 2009 on October 5, 2010; for 2009- 2010 on September 27, 2011; and for 2010- 2011 on September 25, 2012 but Honolulu is no longer shown]

Item	All consumer units in the West	Hono-lulu	Los Angeles	San Fran-cisco	San Diego	Port-land	Seattle	Anchor-age	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

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Table 13.28-- 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 Fran-cisco	San Diego	Port-land	Seattle	Anchor-age	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 13.29-- TOP WEALTHHOLDERS: 1962 TO 2007

[Top wealthholders are defined as persons with a gross estate in excess of specified amounts. All figures are estimates based on estate tax return samples]

Group and year	Number of top wealth-holders	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
Gross estate over $1.5 million				
2004 2/	7,000	24,375	1,823	22,552
Gross estate over $2.0 million				
2007 2/	7,000	78,954	3,353	75,601

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; in 2004, $11,903, $10,647, and $1,825; and in 2007, $59,625, $14,136, and $5,193 respectively

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 IRS Tax Stats "Top Wealthholders with Net Worth of $1 Million or more by State of Residence: 1998", table 7, and Ibid. 2001, table 6 <http://www.irs.gov/taxstats/article/0,,id=225455,00.html> accessed September 18, 2006; "Top Wealthholders with Net Worth of $1.5 Million or more by State of Residence: 2004", table 6 <http://www.irs.gov/taxstats/article/0,,id=225455,00.html> accessed August 25, 2008; Ibid. "Table 6 - Personal Wealth 2007: Top Wealth Holders with Net Worth of $2.0 Million or More, Net Worth and Selected Assets, by State of Residence" <http://www.irs.gov/taxstats/article/0,,id=225455,00.html> accessed March 5, 2012; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 13.30--TOP WEALTHHOLDERS WITH NET WORTH OF $1 MILLION OR MORE, NET WORTH AND SELECTED ASSETS, U.S. AND HAWAII: 2001, 2004, AND 2007

[Wealthholders above $1.0 million in 2001; $1.5 million in 2004, and $2.0 million in 2007. 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.
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
2004			
Net worth: Number	2,196	7	0.3
Amount	9,721,133	22,552	0.2
Total assets: Amount	10,340,723	24,375	0.2
Financial assets: Number	2,194	6	0.4
Amount	6,622,433	11,903	0.2
All other assets: Number	2,042	5	0.3
Amount	1,441,099	1,825	0.1
All real estate: Number	1,974	7	0.4
Amount	2,277,191	10,647	0.7
2007			
Net worth: Number	1,841	7	0.4
Amount	11,627,389	75,601	0.7
Total assets: Amount	12,361,069	78,954	0.6
Financial assets: Number	1,838	6	0.3
Amount	7,717,780	59,625	0.8
All other assets: Number	1,717	6	0.3
Amount	2,125,608	5,193	0.2
All real estate: Number	1,654	7	0.4
Amount	2,517,681	14,136	0.6

Source: U. S. Department of Treasury, Internal Revenue Service, *Statistics of Income Bulletin, Winter 2002-2003 Issue,* "Personal Wealth, 2001", table 6 <http://www.irs.gov/pub/irs-soi/01pwart.pdf> accessed April 5, 2007; IRS Tax Stats "Top Wealthholders with Net Worth of $1.5 Million or more by State of Residence: 2004", table 6 <http://www.irs.gov/taxstats/article/0,,id=185880,00.html> accessed August 25, 2008; Ibid. "Table 6 - Personal Wealth 2007: Top Wealth Holders with Net Worth of $2.0 Million or More, Net Wort and Selected Assets, by State of Residence" <http://www.irs.gov/taxstats/article/0,,id=225455,00.html> accessed March 5, 2012; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 13.31-- NET WORTH OF RICHEST RESIDENTS: 2004 TO 2012

[There were no Hawaii residents on the Forbes 400 list in 2007]

Name	Residence	Age (yrs)	Net worth (million dollars)	Rank	Primary sources
2004					
Anthony, Barbara Cox 1/	Honolulu	81	11,300	13	Inheritance (Cox Enterprises, newspapers, cable TV)
2005					
Anthony, Barbara Cox 1/	Honolulu	82	12,500	12	Inheritance (Cox Enterprises, newspapers, cable TV)
2006					
Anthony, Barbara Cox 1/	Honolulu	83	12,600	17	Inheritance (Cox Enterprises, newspapers, cable TV)
2008					
Omidyar, Pierre	Honolulu	41	6,300	54	Self made, launched Ebay on-line auction 1995, technology newspapers, cable TV)
2009					
Omidyar, Pierre	Honolulu	42	5,500	40	Self made, launched Ebay on-line auction 1995, technology newspapers, cable TV)
2010					
Omidyar, Pierre	Honolulu	43	5,500	47	Self made, launched Ebay on-line auction 1995, technology newspapers, cable TV)
2011					
Omidyar, Pierre	Honolulu	44	6,200	50	Self made, launched Ebay on-line auction 1995, technology newspapers, cable TV)
2012					
Omidyar, Pierre	Honolulu	45	8,200	42	Self made, launched Ebay on-line auction 1995, technology newspapers, cable TV)

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.

Source: *Forbes* , "The Forbes 400 Richest Americans," September 22, 2004 <http://www.forbes.com/home/forbes400/2004/09/22/rl04land.html> accessed September 24, 2004; Ibid. October 10, 2005 and <http://www.forbes.com/400richest/> accessed September 23, 2005; for 2006 accessed September 22, 2006; for 2008 accessed September 17, 2008; for 2009 accessed October 19, 2009; for 2010 <http://www.forbes.com/wealth/forbes-400/list> accessed October 1, 2010; for 2011 accessed September 21, 2011; and for 2012 accessed September 19, 2012.

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 is 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: 2012,* Section 14. Long-term trends for Hawaii are traced in *Historical Statistics of Hawaii,* Section 5.

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Table 14.01-- IMPLICIT PRICE DEFLATOR FOR GROSS DOMESTIC PRODUCT FOR HAWAII AND UNITED STATES: 1987 TO 2012

[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 shown at the 3-decimal level. Current dollar GDP is available for 1963 through 2012 but Real (Chained- 2005 dollar) GDP is not available before 1987]

Year	Hawaii	United States	Year	Hawaii	United States
SIC 1997 = 100.000 1/			NAICS 2005 = 100.000 1/		
1987	74.972	76.506	1997	78.585	83.912
1988	77.483	78.970	1998	80.620	84.885
1989	80.307	82.050	1999	82.726	86.220
1990	83.046	85.140	2000	84.905	88.052
1991	86.420	88.154	2001	87.790	89.907
1992	88.478	90.322	2002	90.235	91.458
1993	91.482	92.824	2003	93.056	93.723
1994	93.343	94.848	2004	96.291	96.515
1995	95.477	96.820	2005	100.000	100.000
1996	97.427	98.453	2006	103.830	103.211
1997	100.000	100.000	2007	107.594	106.356
			2008	109.784	109.037
			2009 2/	111.891	110.141
			2010 2/	112.738	111.566
			2011 2/	114.954	114.124
			2012	117.045	115.900

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 2011.

2/ Current dollar and Real GDP for Hawaii and for the U.S. were revised from previous *Data Book.*

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by Industry for 1963 to 2012 <http://www.bea.gov/regional/index.htm> accessed June 6, 2013; 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 2012

[1982-1984 average = 100. Excludes rent before 1963. U.S. Bureau of Labor Statistics instituted a 3-decimal presentation beginning January 2007]

Year	Honolulu		United States	
	Annual average	Percent change from previous year	Annual average	Percent change from previous year
1940	14.7	(X)	14.0	0.7
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

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 2012 -- Con.

Year	Honolulu		United States	
	Annual average	Percent change from previous year	Annual average	Percent change from previous year
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
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
2008	228.861	4.3	215.303	3.8
2009	230.048	0.5	214.537	-0.4
2010	234.869	2.1	218.056	1.6
2011	243.622	3.7	224.939	3.2
2012	249.474	2.4	229.594	2.1

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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 2012 -- Con.

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. 1987-2012: 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 21, 2013.

Table 14.03-- CONSUMER PRICE INDEX- ALL ITEMS, BY TYPE OF CONSUMER, FOR HONOLULU: SEMI-ANNUAL AND ANNUAL AVERAGE, 1984 TO 2012

[U.S. Bureau of Labor Statistics instituted a 3-decimal presentation beginning January 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
2008	228.861	227.334	230.387	228.344	226.738	229.950
2009	230.048	228.070	232.026	228.773	226.462	231.084
2010	234.869	233.822	235.916	234.020	233.089	234.951
2011	243.622	241.902	245.342	242.532	240.874	244.190
2012	249.474	248.646	250.303	248.569	248.003	249.135

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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 2012 -- 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
2008	4.3	4.9	3.6	4.5	5.1	3.9
2009 2/	0.5	0.3	0.7	0.2	-0.1	0.5
2010	2.1	2.5	1.7	2.3	2.9	1.7
2011	3.7	3.5	4.0	3.6	3.3	3.9
2012	2.4	2.8	2.0	2.5	3.0	2.0

1/ From same period in previous year.

2/ Reflects unpublished correction for 'All urban consumers (CPI-U) Second Half'.

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> unpublished correction and <http://www.bls.gov/data/> accessed February 21, 2013.

Table 14.04-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS (CPI-U), BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGE, 2008 TO 2012

[Unless otherwise specified, 1982-1984 =100. U.S. Bureau of Labor Statistics instituted a 3-decimal presentation beginning January 2007]

Group	2008	2009	2010	2011	2012
All items	228.861	230.048	234.869	243.622	249.474
Food and beverages	216.625	224.317	224.774	232.656	241.047
Food	216.742	224.544	224.794	233.256	242.226
Food at home	228.319	234.220	232.694	243.147	250.543
Food away from home	202.257	210.826	213.582	219.140	228.589
Alcoholic beverages	213.936	219.970	223.755	222.459	222.298
Housing	248.700	249.735	251.968	260.606	263.954
Shelter	266.411	272.988	272.182	277.348	279.116
Rent of primary residence	256.216	264.375	265.333	271.986	277.224
Owners' equiv. rent of prim. res. 1/	274.756	282.507	282.422	287.113	287.790
Fuel and utilities	283.911	240.284	280.202	335.109	358.849
Household energy 2/	267.903	204.339	240.938	305.047	326.622
Gas (piped) and electricity	264.567	200.994	237.451	300.711	321.932
Electricity	259.990	196.257	232.605	295.459	317.555
Utility (piped) gas service 3/	284.130	241.959	277.267	336.101	347.542
Household furnishings & operation	164.958	164.336	157.188	153.134	152.506
Household furn. and supplies 4/	(NA)	(NA)	95.509	92.597	92.127
Apparel	105.277	112.811	116.423	118.394	122.187
Transportation	213.998	200.296	214.411	229.223	233.236
Private transportation	209.161	196.370	211.530	227.249	236.798
Transp. comm. less motor fuel 4/	(NA)	(NA)	98.946	99.657	100.402
Motor fuel	284.948	222.322	263.334	311.585	332.546
Gasoline (all types)	292.545	228.060	270.775	320.614	342.111
Gasoline, unleaded regular 5/	310.952	240.837	287.744	340.371	363.777
Gasoline, unleaded midgrade 5/ 6/	231.559	179.009	212.918	249.720	266.309
Gasoline, unleaded premium 5/	256.120	202.844	237.763	283.383	301.161
Medical care	317.955	321.599	320.153	324.180	333.781
Education and communication 7/	117.118	122.843	128.483	132.248	135.804
Educ. and comm. commodities 4/	(NA)	(NA)	96.000	90.121	92.465
Educ. and comm. services 4/	(NA)	(NA)	103.233	107.051	109.969
Recreation 7/	105.290	105.239	107.484	110.473	113.396
Other goods and services	365.441	395.186	415.526	433.536	440.182
Other goods 4/	(NA)	(NA)	102.531	107.441	109.689
Other personal services 4/	(NA)	(NA)	102.977	106.919	107.937
Commodity and service group					
All items	228.861	230.048	234.869	243.622	249.474
Commodities	181.113	181.015	185.266	192.510	198.367
Commodities less food & bev.	156.654	152.700	158.705	165.441	169.598
Nondurables less food & bev.	191.108	182.226	193.408	208.464	216.859
Durables	118.679	119.048	119.815	118.151	117.681
Services	270.734	273.114	278.394	288.467	293.024

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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 AVERAGE, 2008 TO 2012 -- Con.

Group	2008	2009	2010	2011	2012
Special aggregate indexes					
All items less shelter	212.804	211.498	218.944	229.363	236.005
All items less medical care	224.234	225.324	230.394	239.355	244.153
All items less energy	227.534	233.154	235.509	241.020	244.982
Energy	276.864	213.827	252.694	308.050	327.295
All items less food and energy	230.999	236.209	239.010	243.891	246.853
Commodities less food	159.042	155.374	161.351	167.835	171.860
Nondurables less food	192.548	184.589	195.311	209.303	217.175
Nondurables	205.297	204.923	210.505	221.716	230.336
Services less rent of shelter 1/	275.405	271.298	285.581	302.484	311.190
Services less medical care services	266.102	268.028	273.790	284.353	288.675

NA Not available.
1/ Indexes on a December 1982=100 base.
2/ Historically and as returned via the online database called 'Fuels'.
3/ Prior to 2004, called 'Utility natural gas service'.
4/ Indexes on a December 2009=100 base.
5/ Special index based on a substantially smaller sample.
6/ Indexes on a December 1993=100 base.
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/news.htm> accessed February 21, 2013.

Table 14.05-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER PRICE INDEX, ALL URBAN CONSUMERS (CPI-U), FOR THE UNITED STATES AND HONOLULU: DECEMBER 2010 TO 2012

[Percent of all items. Based on the 2009-2010 weights in the Consumer Expenditure Survey]

Group	2010 CPI-U		2011 CPI-U		2012 CPI-U	
	U.S.	Honolulu	U.S.	Honolulu	U.S.	Honolulu
Relative importance of area	100.000	0.325	100.000	0.344	100.000	0.344
EXPENDITURE CATEGORY						
All items	100.000	100.000	100.000	100.000	100.000	100.000
Food and beverages	14.792	16.946	15.256	15.043	15.261	15.399
Food	13.742	15.932	14.308	14.104	14.312	14.360
Food at home	7.816	8.472	8.638	7.152	8.598	7.213
Cereals and bakery products	1.090	(NA)	1.242	(NA)	1.231	(NA)
Meats, poultry, fish, and eggs	1.813	(NA)	1.960	(NA)	1.955	(NA)
Meats, poultry, and fish	1.714	(NA)	1.846	(NA)	1.842	(NA)
Dairy and related products	0.839	(NA)	0.916	(NA)	0.905	(NA)
Fruits and vegetables	1.152	(NA)	1.287	(NA)	1.287	(NA)
Other food at home	1.996	(NA)	2.272	(NA)	2.278	(NA)
Food away from home	5.926	7.460	5.669	6.955	5.713	7.147
Alcoholic beverages	1.051	1.014	0.948	0.939	0.949	1.039
Housing	41.460	43.660	41.020	45.351	41.021	45.411
Shelter	31.955	36.073	31.539	36.390	31.681	36.777
Rent of primary residence	5.925	8.701	6.485	8.392	6.545	8.463
Tenants' and household insurance	0.349	(NA)	0.348	(NA)	0.354	(NA)
Owners' equivalent rent of residences	24.905	26.421	23.957	27.144	24.041	27.515
Owners' equivalent rent of primary res.	23.310	25.810	22.543	26.482	22.622	26.844
Lodging away from home	0.776	(NA)	0.749	(NA)	0.741	(NA)
Fuels and utilities	5.096	4.618	5.372	6.110	5.300	5.828
Household energy	4.000	3.211	4.216	4.526	4.099	4.160
Fuel oil and other fuels	0.309	(NA)	0.343	(NA)	0.332	(NA)
Fuel oil	0.205	(NA)	0.229	(NA)	0.234	(NA)
Propane, kerosene, and firewood	0.104	(NA)	0.114	(NA)	0.099	(NA)
Energy services 1/	3.691	3.182	3.873	4.487	3.767	4.120
Electricity	2.823	2.973	2.913	4.273	2.850	3.918
Utility (piped) gas service	0.869	0.209	0.960	0.210	0.917	0.203
Water & sewer & trash collection serv.	1.095	(NA)	1.156	(NA)	1.201	(NA)
Household furnishings and operations	4.409	2.968	4.109	2.849	4.040	2.806
Apparel	3.601	3.031	3.562	3.697	3.564	3.781
Men's and boys' apparel	0.882	(NA)	0.855	(NA)	0.858	(NA)
Women's and girls' apparel	1.520	(NA)	1.507	(NA)	1.495	(NA)
Footwear	0.700	(NA)	0.678	(NA)	0.696	(NA)
Infants' and toddlers' apparel	0.192	(NA)	0.201	(NA)	0.200	(NA)
Jewelry and watches	0.307	(NA)	0.323	(NA)	0.315	(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 2010 TO 2012 -- Con.

Group	2010 CPI-U		2011 CPI-U		2012 CPI-U	
	U.S.	Honolulu	U.S.	Honolulu	U.S.	Honolulu
EXPENDITURE CATEGORY -- Con.						
Transportation	17.308	14.697	16.875	15.007	16.846	14.331
Private transportation	16.082	12.626	15.694	12.925	15.657	12.658
Motor fuel	5.079	4.169	5.463	4.183	5.462	4.132
Gasoline (all types)	4.865	4.067	5.273	4.131	5.274	4.081
Public transportation 2/	1.227	2.071	1.181	2.082	1.189	1.673
Medical care	6.627	6.112	7.061	5.969	7.163	6.027
Medical care commodities 3/	1.633	1.263	1.716	1.524	1.714	1.581
Medical care services 3/	4.994	4.849	5.345	4.445	5.448	4.446
Recreation	6.293	5.875	6.044	5.096	5.990	5.202
Education and communication	6.421	6.456	6.797	6.777	6.779	6.820
Other goods and services	3.497	3.224	3.385	3.062	3.376	3.028
Personal care	2.591	(NA)	2.581	(NA)	2.571	(NA)
COMMODITY AND SERVICE GROUP 4/						
All items	100.000	100.000	100.000	100.000	100.000	100.000
Commodities	40.012	37.395	39.966	34.904	39.680	35.048
Commodities less food and beverages	25.219	20.449	24.710	19.869	24.419	19.649
Nondurables less food and beverages	15.474	12.645	15.742	13.134	15.661	13.133
Durables	9.745	7.804	8.968	6.740	8.759	6.516
Services	59.988	62.605	60.034	65.088	60.320	64.952
SPECIAL AGGREGATE INDEXES 4/						
All items less shelter	68.045	63.927	68.461	63.608	68.319	63.223
All items less medical care	93.373	93.888	92.939	94.031	92.837	93.973
All items less energy	90.921	92.621	90.321	91.274	90.439	91.707
All items less food and energy	77.179	76.689	76.013	77.175	76.127	77.347
Energy	9.079	7.379	9.679	8.724	9.561	8.293
Commodities less food	26.270	21.463	25.658	20.808	25.368	20.688
Nondurables less food	16.525	13.659	16.690	14.073	16.610	14.172
Nondurables	30.266	29.591	30.997	28.165	30.921	28.532
Services less rent of shelter	28.382	26.818	28.844	28.858	28.993	28.333
Rent of shelter 5/	31.607	35.787	31.190	36.230	31.327	36.619
Services less medical care services	54.994	57.756	54.689	60.643	54.872	60.506

NA Not available.
1/ Until December 2010, called "Gas (piped) and electricity".
2/ For Honolulu, calculated as "Transportation" less "Private transportation".
3/ For Honolulu, "Medical care services " is calculated as "Services" less "Services less medical care services". Then "Medical care commodities" is calculated as "Medical care" less "Medical care services"
4/ The two U.S.-level categories are published in a single "Special aggregate indexes" category.
5/ For Honolulu, calculated as 'Services' less "Services less rent of shelter".
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 June 24, 2013.

Table 14.06-- MEDIAN GROSS RENT AMOUNT AND AS PERCENTAGE OF HOUSEHOLD INCOME FOR THE UNITED STATES, THE 50 STATES, AND FOR PUERTO RICO: 2010 AND 2011

[Data based on sample. Rank of 1 indicates highest amount. Areas in order of highest rank in 2011]

Area	Median gross rent					
	2010			2011		
	Amount in dollars	Percentage of household income in past 12 months		Amount in dollars	Percentage of household income in past 12 months	
		Number	Rank		Number	Rank
United States	855	31.6	(X)	871	31.9	(X)
Florida	947	35.5	1	949	36.0	1
Hawaii	**1,291**	**33.5**	**3**	**1,308**	**34.4**	**2**
California	1,163	33.8	2	1,174	34.1	3
Louisiana	736	31.7	14	747	33.5	4
Michigan	730	33.3	4	739	33.3	5
Mississippi	672	33.2	5	689	33.1	6
Oregon	816	32.7	6	840	32.9	7
Connecticut	992	32.1	12	1,021	32.7	8
Georgia	819	32.4	7	833	32.7	8
New Jersey	1,114	32.4	8	1,135	32.6	10
South Carolina	728	32.2	11	741	32.6	10
New York	1,020	31.7	15	1,058	32.5	12
Maine	707	29.8	38	747	32.2	13
Alabama	667	32.2	10	687	32.1	14
Maryland	1,131	30.8	25	1,153	31.9	15
New Mexico	699	29.3	42	729	31.8	16
North Carolina	731	31.3	20	745	31.8	16
Delaware	952	32.3	9	960	31.7	18
Illinois	848	31.5	18	859	31.7	18
Vermont	823	31.8	13	849	31.7	18
Tennessee	697	31.4	19	715	31.5	21
Arkansas	638	29.9	36	639	31.4	22
Nevada	952	31.6	17	936	31.2	23
Arizona	844	31.6	16	850	31.1	24
Indiana	683	30.8	24	707	31.1	24
Ohio	685	31.1	22	692	31.0	26
Colorado	863	31.2	21	900	30.9	27
Idaho	683	30.5	27	689	30.9	27
Massachusetts	1,009	30.4	29	1,034	30.8	29

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Table 14.06-- MEDIAN GROSS RENT AMOUNT AND AS PERCENTAGE OF HOUSEHOLD INCOME FOR THE UNITED STATES, THE 50 STATES, AND FOR PUERTO RICO: 2010 AND 2011 -- Con.

Area	Median gross rent					
	2010			2011		
	Amount in dollars	Percentage of household income in past 12 months		Amount in dollars	Percentage of household income in past 12 months	
		Number	Rank		Number	Rank
Pennsylvania	763	30.4	30	786	30.8	29
Utah	796	29.5	41	822	30.7	31
Kentucky	613	29.8	37	626	30.6	32
Rhode Island	868	30.9	23	875	30.4	33
Washington	908	30.6	26	930	30.4	33
Minnesota	764	30.2	32	787	30.2	35
New Hampshire	951	30.3	31	939	30.1	36
Virginia	1,019	30.2	34	1,062	30.1	36
Texas	801	30.2	33	813	30.0	38
Missouri	682	30.1	35	708	29.9	39
District of Columb	1,198	30.4	28	1,216	29.7	40
Wisconsin	715	29.8	39	739	29.6	41
Oklahoma	659	28.9	44	675	29.3	42
West Virginia	571	29.7	40	599	29.3	42
Iowa	629	28.1	46	643	29.0	44
Kansas	682	28.1	47	709	28.6	45
Montana	642	28.3	45	650	28.5	46
Alaska	981	29.0	43	1,049	27.7	47
Nebraska	669	27.7	48	673	27.1	48
North Dakota	583	25.8	50	626	26.4	49
South Dakota	591	26.9	49	612	25.9	50
Wyoming	693	25.3	51	759	25.1	51
Puerto Rico	429	32.4	(X)	442	34.5	(X)

X Not applicable.

Source: U.S. Census Bureau, 2010 and 2011 American Community Survey 1-Year Estimates for the United S and all states "B25064: Median Gross Rent (Dollars) Universe: Renter-occupied housing units paying cash rent <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid= ACS_10_1YR_B25064&prodType=table> and "B25071: Median Gross Rent as a Percentage of Household Income in the Past 12 Months (Dollars)" Universe: Renter-occupied housing units paying cash rent <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid= ACS_10_1YR_B25071&prodType=table> accessed July 27, 2013.

Table 14.07-- MORTGAGE STATUS, MEDIAN SELECTED MONTHLY OWNER COSTS BY MORTGAGE STATUS AND AS A PERCENTAGE OF HOUSEHOLD INCOME, UNITED STATES AND HAWAII: 2010 AND 2011

[Data based on a sample]

Category	United States	Hawaii
Specified owner-occupied		
2010	74,873,372	258,533
2011	74,264,435	254,700
Specified owner-occupied with a mortgage		
2010: Number	50,339,500	175,138
Percent	67.2	67.7
2011: Number	49,325,615	172,002
Percent	66.4	67.5
Specified owner-occupied without a mortgage		
2010: Number	24,533,872	83,395
Percent	32.8	32.3
2011: Number	24,938,820	82,698
Percent	33.6	32.5
Median selected monthly owner costs (in dollars)		
With a mortgage: 2010	1,496	2,240
2011	1,486	2,221
Without a mortgage: 2010	431	475
2011	442	503
Median selected monthly owner costs as a percentage of household income		
With a mortgage: 2010	25.1	30.1
2011	24.7	29.7
Without a mortgage: 2010	12.8	10.1
2011	12.9	(1/)

1/ Either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution.

Source: U.S. Census Bureau, Census 2010 American Community Survey 1-Year Estimates for the United States and Hawaii, Universe: Owner-occupied housing units "B25081 Mortgage Status" <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_10_1YR_B25081&prodType=table> B25088 Median Selected Monthly Owner Costs (Dollars) by Mortgage Status" <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_10_1YR_B25088&prodType=table> "B25092 Median Selected Monthly Owner Costs as a Percentage of Household Income in the Past 12 Months" <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_10_1YR_B25092&prodType=table> ; and 2011 <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_11_1YR_B25081&prodType=table> ; <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_11_1YR_B25088&prodType=table> <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_11_1YR_B25092&prodType=table> accessed July 27, 2013.

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: 2010 AND 2011

[In dollars and percent. Data based on a sample]

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	
	2010	2011	2010	2011	2010	2011	2010	2011
United States	1,496	1,486	431	442	25.1	24.7	12.8	12.9
Alabama	1,130	1,134	346	344	23.0	22.5	12.3	12.2
Alaska	1,772	1,794	499	529	23.3	23.5	10.8	11.7
Arizona	1,442	1,365	366	370	26.5	25.3	11.3	11.5
Arkansas	987	988	311	310	21.5	21.1	10.9	11.0
California	2,242	2,182	452	464	30.6	29.6	11.4	11.8
Colorado	1,590	1,560	387	403	25.2	24.3	10.7	10.8
Connecticut	2,068	2,052	777	805	26.8	26.4	17.6	17.1
Delaware	1,569	1,567	428	442	24.8	24.1	11.8	11.2
Dist. Of Col.	2,297	2,224	546	573	24.8	24.2	11.0	(1/)
Florida	1,505	1,470	470	461	29.5	28.5	14.4	14.1
Georgia	1,390	1,371	381	389	25.2	24.5	12.3	12.4
Hawaii	2,240	2,221	475	503	30.1	29.7	10.1	(1/)
Idaho	1,187	1,212	315	324	24.7	24.7	10.6	10.3
Illinois	1,655	1,646	534	547	25.9	25.6	13.8	14.0
Indiana	1,090	1,091	344	364	21.6	21.2	11.0	11.3
Iowa	1,140	1,144	392	405	21.3	20.9	11.5	12.0
Kansas	1,239	1,252	419	431	21.8	21.9	11.8	12.6
Kentucky	1,072	1,092	311	324	22.2	21.7	11.3	11.5
Louisiana	1,163	1,176	320	314	21.6	21.7	10.5	10.3
Maine	1,289	1,304	433	453	24.1	24.4	13.9	14.6
Maryland	2,016	1,961	555	571	25.4	24.9	12.9	12.9
Massachusetts	2,036	2,042	654	672	26.1	25.8	15.3	15.7
Michigan	1,288	1,275	442	450	24.6	23.7	13.9	14.0
Minnesota	1,503	1,481	438	455	24.1	23.5	11.9	12.1
Mississippi	1,043	1,048	331	332	23.5	23.4	12.0	12.1
Missouri	1,182	1,199	366	385	22.6	22.3	11.7	12.4
Montana	1,217	1,256	350	369	24.1	25.0	11.3	11.9
Nebraska	1,218	1,237	429	444	21.4	20.9	12.6	12.5
Nevada	1,638	1,529	429	416	28.1	27.1	12.2	12.1

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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: 2010 AND 2011-- 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	
	2010	2011	2010	2011	2010	2011	2010	2011
New Hampshire	1,853	1,884	668	704	26.5	26.5	16.5	17.4
New Jersey	2,370	2,397	909	936	28.7	29.0	18.9	19.2
New Mexico	1,202	1,216	303	307	24.3	23.5	(1/)	10.3
New York	1,963	1,977	665	685	26.3	26.3	15.5	15.3
North Carolina	1,250	1,246	358	359	24.0	23.5	12.5	12.3
North Dakota	1,133	1,155	378	394	19.6	19.2	(1/)	10.0
Ohio	1,246	1,243	416	428	23.4	22.8	13.1	13.1
Oklahoma	1,089	1,108	341	353	21.9	21.8	11.2	11.5
Oregon	1,577	1,546	429	446	27.3	26.7	12.9	13.1
Pennsylvania	1,390	1,408	459	478	23.8	23.7	13.7	14.1
Rhode Island	1,837	1,842	647	654	27.7	26.9	15.4	17.0
South Carolina	1,177	1,175	336	340	23.5	23.5	12.0	11.9
South Dakota	1,151	1,178	375	405	21.9	21.7	10.9	11.5
Tennessee	1,161	1,172	338	347	23.7	23.5	11.4	11.8
Texas	1,402	1,398	437	443	23.4	23.0	12.5	12.5
Utah	1,433	1,418	348	369	24.8	24.5	(1/)	(1/)
Vermont	1,445	1,487	580	604	26.0	25.5	16.3	16.6
Virginia	1,728	1,707	409	415	24.7	24.0	11.4	11.2
Washington	1,736	1,733	469	491	26.7	26.1	12.1	12.6
West Virginia	918	937	268	279	20.1	19.9	(1/)	(1/)
Wisconsin	1,404	1,402	497	516	24.5	24.1	14.0	14.1
Wyoming	1,300	1,269	350	365	22.0	21.5	(1/)	(1/)
Puerto Rico	851	888	142	151	29.5	29.8	(1/)	10.6

1/ Either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution.

Source: U.S. Census Bureau, 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; and 2010 American Community Survey 1-Year Estimates for the United States and Hawaii, Universe: Owner-occupied housing units "B25088 Median Selected Monthly Owner Costs (Dollars) by Mortgage Status" <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_10_1YR_B25088&prodType=table> "B25092 Median Selected Monthly Owner Costs as a Percentage of Household Income in the Past 12 Months" <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_10_1YR_B25092&prodType=table> accessed July 27, 2013.

Table 14.09-- SINGLE-FAMILY HOME PRICE APPRECIATION FOR THE UNITED STATES, THE 50 STATES, AND THE DISTRICT OF COLUMBIA: 1991 TO 2012

[In percent change from previous period and number. Period ending December 31 unless otherwise indicated. Estimates use Federal Housing Finance Agency's (FHFA) Purchase-Only House Price Index (HPI), not seasonally-adjusted. According to the "Housing and Economic Recovery Act of 2008" the FHFA regulates Fannie Mae and Freddie Mac, formerly under the Office of Federal Housing Enterprise Oversight. See also <http://www.fhfa.gov/Default.aspx?Page=196> and <http://www.fhfa.gov/webfiles/896/hpi_tech.pdf>]

State	One-year (percent)	Rank 1/	Five-year (percent)	Since 1991, 1st quarter (percent)
United States 2/	5.45	(X)	-12.87	90.30
Arizona	21.64	1	-30.41	102.54
Nevada	19.73	2	-44.40	31.08
Hawaii	14.50	3	-6.85	94.79
Idaho	13.25	4	-20.73	108.37
California	12.04	5	-27.30	70.46
Utah	11.67	6	-16.35	165.68
North Dakota	11.45	7	25.92	160.85
Colorado	10.69	8	3.69	186.69
District of Columbia	10.67	9	12.82	286.57
Florida	9.83	10	-32.52	87.12
Washington	9.37	11	-19.55	124.99
Wyoming	8.30	12	-0.17	202.34
Michigan	7.71	13	-12.60	53.52
Georgia	7.52	14	-18.82	60.06
Montana	7.42	15	-3.80	209.50
West Virginia	7.07	16	2.36	98.21
Oregon	6.57	17	-20.85	164.65
Texas	6.56	18	5.88	102.60
Nebraska	5.34	19	2.46	102.40
Minnesota	5.26	20	-13.16	110.51
Missouri	4.70	21	-8.11	86.26
Virginia	4.37	22	-10.05	116.25
Alabama	4.27	23	-9.67	81.69
Louisiana	3.99	24	-0.49	134.26
Maryland	3.63	25	-19.43	111.75
Kansas	3.61	26	-2.85	93.34
South Dakota	3.38	27	3.86	132.54
Tennessee	3.20	28	-7.53	87.81
Iowa	3.00	29	0.61	100.66
Kentucky	2.70	30	-1.52	89.29
Ohio	2.70	31	-9.15	54.82

Continued on next page.

Table 14.09-- SINGLE-FAMILY HOME PRICE APPRECIATION FOR THE UNITED STATES, THE 50 STATES, AND THE DISTRICT OF COLUMBIA: 1991 TO 2012 -- Con.

State	One-year (percent)	Rank 1/	Five-year (percent)	Since 1991, 1st quarter (percent)
Oklahoma	2.55	32	1.95	98.66
Pennsylvania	2.27	33	-6.96	87.96
Arkansas	2.25	34	-5.65	83.96
Massachusetts	1.88	35	-7.53	117.71
Indiana	1.57	36	-2.73	61.12
Rhode Island	1.39	37	-19.32	79.66
New York	1.26	38	-7.13	104.25
Delaware	1.04	39	-17.50	78.23
Illinois	0.98	40	-19.21	69.11
New Mexico	0.59	41	-15.39	103.55
North Carolina	0.34	42	-11.51	78.44
Alaska	0.11	43	2.47	127.36
Mississippi	-0.01	44	-9.06	76.12
Maine	-0.34	45	-8.75	102.75
Vermont	-0.38	46	-3.85	108.73
Wisconsin	-0.42	47	-11.46	99.90
New Jersey	-0.65	48	-18.17	107.79
Connecticut	-0.74	49	-15.35	65.36
South Carolina	-0.79	50	-12.25	75.40
New Hampshire	-1.11	51	-15.37	90.16

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 nine Census Divisions.

Source: Federal Housing Finance Agency (FHFA) "U.S. House Prices Rose 1.4 Percent in Fourth Quarter 2012", pp. 20-21 (February 26, 2013) <http://www.fhfa.gov/webfiles/25010/2012Q4HPI.pdf> accessed May 16, 2013.

Table 14.10-- COST OF LIVING ANALYSES FOR HONOLULU AND THE UNITED STATES AVERAGE: JULY 1, 2012

[This formulation assumed consumption patterns vary according to earnings level. It compares the 'base city' to a the 'destination' using the same pattern but at the destination's prices. This profiles a cost-of-living model rental (approximates the rental equivalent of owner-occupied housing) situations for a family of 4, annual earnings of $76,000, a 2,000 sq. ft. home, with 3 vehicles having a total value $30,000 and driven a total of 30,000 miles annually. 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	Honolulu	Percent of total	U.S. average	Percent of total	Honolulu indexed to U.S. average
Total, earnings level #1	76,000	100.0	41,014	100.0	185.3
Goods and services	29,388	38.7	21,283	51.9	138.1
Consumables	20,850	27.4	14,212	34.7	146.7
Transportation	6,150	8.1	5,040	12.3	122.0
Health services	2,388	3.1	2,031	5.0	117.6
Rent, utilities, insurance	46,686	61.4	21,929	53.5	212.9
Income and payroll taxes	17,917	23.6	15,793	38.5	113.4
Miscellaneous 1/	-17,991	-23.7	-17,991	-43.9	100.0
Exhibit: monthly rent 2/	3,442	54.3	1,551	45.4	221.9
Total, earnings level #2	114,519	100.0	76,000	100.0	150.7
Goods and services	42,682	37.3	31,044	40.8	137.5
Consumables	29,031	25.4	19,722	26.0	147.2
Transportation	10,851	9.5	8,931	11.8	121.5
Health services	2,800	2.4	2,391	3.1	117.1
Rent, utilities, insurance	46,686	40.8	21,929	28.9	212.9
Income and payroll taxes	17,917	15.6	15,793	20.8	113.4
Miscellaneous	7,234	6.3	7,234	9.5	100.0
Exhibit: monthly rent 2/	3,442	36.1	1,551	24.5	221.9

1/ 'Miscellaneous' includes charitable contributions, tuition for dependents or child care, insurance premiums, personal savings, investments, credit card debt payments, vacations, etc. A negative value suggests that the spending pattern is 'too rich' for the earnings level.

2/ Percent of total is calculated based on annual rent.

Source: ERI Economic Research Institute, Relocation Assessor, "Relocation Analysis Report' (July 11, 2012) and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 14.11-- COST OF LIVING AMONG TOP STATES FOR BUSINESS CATEGORY RANKINGS: 2011 TO 2013

[The CNBC survey scored all 50 states on as many as 51 measures of competitiveness developed with input from business groups including the National Association of Manufacturers and the Council on Competitiveness. States received points based on their rankings in each metric. The metrics are in ten broad categories, weighted according to how frequently they are cited in state economic development marketing materials. A rank of 1 indicates most favorable]

	2011			2012			2013		
Component	Category weight 1/	Score	Rank	Category weight 1/	Score	Rank	Category weight 1/	Score	Rank
Overall	2,475	922	48	2,500	871	49	2,500	924	50
Cost of doing business	350	54	50	350	36	50	450	94	48
Workforce	350	106	47	350	137	35	300	101	45
Quality of life	350	281	1	350	284	2	300	272	1
Infrastructure & transp. 2/	325	93	46	325	75	49	350	66	50
Economy	300	159	16	325	96	41	375	185	41
Education	225	80	40	225	81	39	150	59	40
Technology & innovation	225	62	42	225	62	45	300	81	45
Business friendliness	200	50	43	200	71	37	200	59	40
Access to capital	100	36	33	100	28	39	25	6	39
Cost of living	50	1	50	50	1	50	50	1	50

X Not applicable.

1/ Weighting reevaluated for each study. See "Criteria & Categories For CNBC's Top States For Business 2011" <http://www.cnbc.com/id/43227250>; for 2012 <http://www.cnbc.com/id/47818860> and for 2013 <http://www.cnbc.com/id/100728441> accessed July 15, 2013.

2/ Category was 'Transportation & infrastructure' in some 2012 lists.

Source: CNBC "America's Top Ten States for Business: 2011" <http://www.cnbc.com/id/41666602/> accessed July 6, 2011; "America's Top Ten States for Business: 2012" <http://www.cnbc.com/id/46413845> accessed July 10, 2012; CNBC ""America's Top Ten States for Business: 2013" <http://www.cnbc.com/id/100824779> accessed July 15, 2013.

Table 14.12-- HOUSING'S TOP 10 MOST EXPENSIVE AND MOST AFFORDABLE COLLEGE TOWN MARKETS: 2011

[The home market values shown in the table below are from the "Coldwell Banker 2011 College Home Listing Report" which shows the average listing price for a three-bedroom, two-bathroom home listed by Coldwell Banker affiliates or sister real estate brands between August 2010 and August 2011 in markets home to 117 of the 120 schools in the Football Bowl Subdivision (FBS) schools]

Rank	Market, State	College	Average Listing Price
Most expensive markets			
1	Westwood, Los Angeles, Calif.	University of California, Los Angeles	1,271,428
2	Palo Alto, Calif.	Stanford University	1,232,070
3	**Honolulu, Hawaii**	**University of Hawaii**	**779,419**
4	Los Angeles, Calif.	University of Southern California	733,473
5	Boulder, Colo.	University of Colorado	731,617
6	Berkeley, Calif.	University of California, Berkeley	695,520
7	Chestnut Hill, Mass.	Boston College	669,617
8	Seattle, Wash.	University of Washington	570,535
9	San Jose, Calif.	San Jose State University	541,231
10	Annapolis, Md.	United States Naval Academy	522,420
Most affordable markets			
1	Memphis, Tenn.	University of Memphis	89,244
2	Muncie, Ind.	Ball State University	107,346
3	Ypsilanti, Mich.	Eastern Michigan University	107,458
4	Toledo, Ohio	University of Toledo	112,688
5	Kalamazoo, Mich.	Western Michigan University	116,455
6	Buffalo, N.Y.	University of Buffalo	123,212
7	Las Vegas, Nev.	University of Nevada, Las Vegas	124,955
8	Fort Worth, Texas	Texas Christian University	128,491
9	Kent, Ohio	Kent State University	130,218
10	Lafayette, Ind.	Purdue University	132,910

Source: Coldwell Banker, "2011 College Home Listing Report" (College HLR) (November 15, 2011) <http://hlr.coldwellbanker.com/PressRelease.aspx> accessed July 3, 2012. See also "Comparative Look at the 10 Most Expensive College Towns" <http://www.coldwellbanker.com/imgs/cbnetftp/ColdwellBankerCollegeHomeListingReport.html>.

Table 14.13-- HOUSING'S MOST EXPENSIVE AND MOST AFFORDABLE MARKETS IN EACH STATE AND THE DISTRICT OF COLUMBIA: 2012

[The home market values shown in the table below are based on the average home listing price of four-bedroom, two-bathroom properties on coldwellbanker.com listed between January 2012 and June 2012 from more than 2,300 North American markets and including data on 2,479 in the 'Home Listing Report'. The U.S. average for the surveyed listings was $292,152. This year's report analyzes more than 72,000 home listings in more than 2,500 U.S. markets]

State	Most expensive	Average sales price	Rank	Most affordable	Average sales price	Rank
Alabama	Homewood	306,782	1,700	Tuscumbia	120,192	79
Alaska	Anchorage	375,112	1,944	Fairbanks	268,457	1,495
Arizona	Scottsdale	395,568	2,017	Maricopa	97,886	20
Arkansas	Maumelle	254,706	1,421	Camden	111,000	45
California	Los Altos	1,706,688	2,479	Adelanto	99,824	22
Colorado	Boulder	1,084,183	2,464	Pueblo	133,897	141
Connecticut	Greenwich	1,200,525	2,469	Meriden	149,348	249
Delaware	Bethany Beach	667,277	2,389	Seaford	212,256	1,049
Dist. of Columbia	(1/)	(1/)	(1/)	Washington D.C.	598,989	2,343
Florida	Doral	497,400	2,213	Poinciana	76,341	5
Georgia	Dunwoody	339,835	1,810	College Park	62,080	2
Hawaii	Kailua	1,238,208	2,472	Ewa Beach	489,830	2,200
Idaho	Hayden	342,914	1,829	Pocatello	148,688	243
Illinois	Winnetka	757,965	2,429	Park Forest	81,107	8
Indiana	Fremont	520,200	2,254	Kokomo	103,110	27
Iowa	Johnston	293,593	1,623	Marshalltown	106,014	33
Kansas	Lansing	238,920	1,301	Concordia	114,741	57
Kentucky	Versailles	437,429	2,109	London	133,780	140
Louisiana	Mandeville	281,598	1,573	Bastrop	101,755	24
Maine	Wells	668,575	2,391	Waterville	124,223	96
Maryland	Bethesda	723,782	2,415	Capitol Heights	128,170	115
Massachusetts	Weston	1,105,692	2,466	Springfield	136,405	155
Michigan	Birmingham	429,800	2,097	Redford	60,490	1
Minnesota	Orono	1,070,203	2,463	Owatonna	152,087	274
Mississippi	Diamondhead	236,758	1,274	Picayune	105,993	32
Missouri	Town and Country	497,331	2,212	Kirksville	101,647	23
Montana	Bozeman	355,069	1,879	Great Falls	172,974	530
Nebraska	Columbus	158,009	341	Norfolk	118,495	1,047
Nevada	Incline Village	536,492	2,268	North Las Vegas	115,231	2,091
New Hampshire	Hanover	533,809	2,266	Claremont	175,141	341
New Jersey	Bernards Twp	817,264	2,439	Irvington	92,264	2,266
New Mexico	Santa Fe	428,239	2,091	Deming	154,905	2,439
New York	Rye	1,312,250	2,473	Jamestown	109,796	2,268
North Carolina	Ocean Isle Beach	462,173	2,145	Henderson	117,191	66

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Table 14.13-- HOUSING'S MOST EXPENSIVE AND MOST AFFORDABLE MARKETS IN EACH STATE AND THE DISTRICT OF COLUMBIA: 2012 -- Con.

State	Most expensive	Average sales price	Rank	Most affordable	Average sales price	Rank
North Dakota	Minot	212,066	1,047	West Fargo	162,430	402
Ohio	Upper Arlington	404,363	2,041	Cleveland	70,066	2,473
Oklahoma	Bixby	237,125	1,279	Chickasha	109,665	2,041
Oregon	Lake Oswego	479,400	2,183	Pendleton	185,693	1,279
Pennsylvania	Newtown	582,577	2,331	Johnstown	84,173	2,183
Rhode Island	Smithfield	545,386	2,283	Pawtucket	153,982	2,331
South Carolina	Mount Pleasant	378,164	1,949	Hopkins	125,508	2,283
South Dakota	Rapid City	190,044	770	Spearfish	180,090	1,949
Tennessee	Brentwood	371,640	1,935	Memphis	114,144	770
Texas	Colleyville	289,192	1,608	Terrell	96,329	1,935
Utah	Salt Lake City	339,937	1,811	Richfield	141,958	1,608
Vermont	South Burlington	388,891	1,990	Rutland	172,492	2,395
Virginia	Arlington	678,486	2,395	Danville	153,957	1,811
Washington	Mercer Island	1,059,411	2,462	Spokane Valley	163,776	1,990
West Virginia	Morgantown	297,160	1,644	Parkersburg	144,387	2,152
Wisconsin	Whitefish Bay	463,491	2,152	Ashland	117,105	2,462
Wyoming	Sheridan	320,640	1,754	Cheyenne	190,622	1,644

1/ Only one market included in the study.

Source: Coldwell Banker, "Annual Coldwell Banker Real Estate Home Listing Report Finds $1.6 Million Difference Between Similar Homes in Silicon Valley and Midwest" (November 28, 2012) <http://hlr.coldwellbanker.com/PressRelease.aspx> accessed November 28, 2012.

Table 14.14-- AVERAGE GASOLINE PRICE FOR THE UNITED STATES AND FOR THE 50 STATES AND THE DISTRICT OF COLUMBIA: JUNE 12, 2013

[Over 120,000 retail gasoline self-serve stations are surveyed daily and prices posted the following day. The posting date is indicated in the title. 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	4.353	4.449	4.535	4.892
Hawaii rank	1	1	2	1
U. S. average	3.634	3.809	3.964	3.855
Hawaii as percent of U.S. average	119.8	116.8	114.4	126.9
Alabama	3.292	3.481	3.663	3.750
Alaska	4.078	4.120	4.218	4.328
Arizona	3.479	3.585	3.708	3.717
Arkansas	3.371	3.507	3.686	3.714
California	3.966	4.064	4.162	4.050
Colorado	3.735	3.850	3.969	3.770
Connecticut	3.798	3.967	4.125	4.161
Delaware	3.475	3.675	3.843	3.722
District of Columbia	3.740	3.958	4.113	4.064
Florida	3.494	3.707	3.878	3.848
Georgia	3.472	3.661	3.836	3.803
Hawaii	4.353	4.449	4.535	4.892
Idaho	3.804	3.908	4.011	4.049
Illinois	4.195	4.389	4.634	4.037
Indiana	4.096	4.217	4.337	3.983
Iowa	3.721	3.631	3.908	3.745
Kansas	3.632	3.726	3.885	3.777
Kentucky	3.607	3.756	3.875	3.881
Louisiana	3.350	3.527	3.696	3.688
Maine	3.575	3.704	3.833	3.896
Maryland	3.491	3.700	3.871	3.760
Massachusetts	3.544	3.726	3.862	3.907
Michigan	4.176	4.298	4.427	4.063
Minnesota	3.713	3.779	3.989	3.914
Mississippi	3.291	3.453	3.632	3.655
Missouri	3.519	3.633	3.792	3.675
Montana	3.642	3.714	3.833	3.913
Nebraska	3.683	3.585	3.854	3.770
Nevada	3.603	3.710	3.814	3.821
New Hampshire	3.481	3.637	3.779	3.794
New Jersey	3.404	3.608	3.740	3.683
New Mexico	3.514	3.619	3.730	3.785
New York	3.744	3.928	4.075	4.172

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Table 14.14-- AVERAGE GASOLINE PRICE FOR THE UNITED STATES AND FOR THE 50 STATES AND THE DISTRICT OF COLUMBIA: JUNE 12, 2013 -- Con.

State	Regular	Mid	Premium	Diesel
North Carolina	3.423	3.602	3.793	3.828
North Dakota	3.920	3.912	4.211	4.002
Ohio	3.884	3.999	4.111	3.940
Oklahoma	3.573	3.710	3.872	3.651
Oregon	3.837	3.950	4.066	3.916
Pennsylvania	3.494	3.625	3.797	3.889
Rhode Island	3.624	3.822	3.965	3.938
South Carolina	3.237	3.415	3.604	3.655
South Dakota	3.770	3.697	4.086	3.793
Tennessee	3.317	3.485	3.669	3.740
Texas	3.394	3.563	3.716	3.709
Utah	3.730	3.844	3.951	3.913
Vermont	3.575	3.758	3.939	3.921
Virginia	3.380	3.598	3.790	3.701
Washington	3.838	3.957	4.067	3.998
West Virginia	3.639	3.752	3.889	3.964
Wisconsin	3.997	4.163	4.405	3.966
Wyoming	3.596	3.680	3.799	3.861

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.html> accessed June 12, 2013.

Table 14.15-- CENTRAL BUSINESS DISTRICT PARKING RATES FOR HONOLULU AND THE UNITED STATES AVERAGE: 2012

[Survey only includes covered and underground garages in prime central business districts (CBD) in 56 markets in North America, with 44 of them in the U.S. Parking rate data were collected during the month of June 2012 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]

Category 1/	Segment	Honolulu	United States average	Honolulu as percent of United States average
Monthly unreserved	Parking rate – high	255.00	226.84	112.4
Monthly unreserved	Parking rate – low	195.00	108.06	180.5
Monthly unreserved	Parking rate – median	230.00	166.26	138.3
Monthly reserved	Parking rate – high	395.00	273.41	144.5
Monthly reserved	Parking rate – low	287.96	137.67	209.2
Monthly reserved	Parking rate – median	350.00	196.21	178.4
Daily parking	Rate – high	75.00	27.13	276.4
Daily parking	Rate – low	21.00	9.64	217.8
Daily parking	Rate – median	42.00	17.19	244.3
Hourly parking	Rate – high	10.00	9.73	102.8
Hourly parking	Rate – low	1.50	2.71	55.4
Hourly parking	Rate – median	6.50	5.77	112.7
Garages offering additional services (percent)		5	23.2	21.6
Garages with waiting lists (percent)		5	6.2	80.6
Typical wait period (number of months)		2.0	9.3	(X)
Availability of parking		2/ Fair	(X)	(X)
Additional garages within next 24 months		-	11	(X)
Parking spots to be added		-	4,042	(X)

X Not applicable.

1/ 'Early Bird' refers to discounted parking offered to those that park before the work day begins. Both 'Early Bird' and 'Hourly metered parking' were tabulated separately in previous reports but not in 2009 to 2011.

2/ Refers to parking garages usually full Monday to Friday and on weekends during special events.

Source: Colliers International North America, "2012 CBD Parking rates, North America, Central Business District, Parking Rate Survey", <http://www.colliers.com/Country/UnitedStates/Research> accessed July 7, 2012 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 14.16-- CAR RENTAL RATES FOR TOP 50 CITIES: 2012

[The car rental rates were established via CarTrawler, a car rental comparison engine. For 50 destinations in the United States, the average daily rental rate for the cheapest available car during the period spanning June to August 2012 was calculated. Each city's main airport was chosen as the 'Pick Up and Drop Off' location]

Rank	City	Rate (dollars)	Rank	City	Rate (dollars)
1	Anchorage	95	26	Nashville	47
2	Honolulu	94	27	Chicago	47
3	Washington DC	81	28	Cleveland	46
4	Denver	79	29	Louisville	46
5	New York City	78	30	West Palm Beach	46
6	Boston	74	31	Oakland	46
7	Charlotte	73	32	Pittsburgh	44
8	Detroit	65	33	Memphis	43
9	New Orleans	63	34	Seattle	43
10	Jacksonville	62	35	St. Louis	42
11	Houston	59	36	Raleigh	41
12	Newark	58	37	Dallas	39
13	Portland	58	38	San Antonio	38
14	Orlando	56	39	Atlanta	38
15	San Jose	56	40	Tampa	37
16	Buffalo	55	41	Miami	36
17	Cincinnati	53	42	Los Angeles	35
18	Kansas City	53	43	Salt Lake City	34
19	Indianapolis	53	44	San Diego	34
20	Sacramento	52	45	Phoenix	34
21	Philadelphia	52	46	Las Vegas	32
22	San Francisco	50	47	Fort Lauderdale	31
23	Baltimore	49	48	Albuquerque	30
24	Austin	49	49	Milwaukee	29
25	Minneapolis	48	50	Columbus	28

Source: CheapCarRental "Alaska's Anchorage Has Priciest Car Rental Rates in the USA" <http://www.cheapcarrental.net/press/summer-2012.html> accessed September 20, 2012.

Table 14.17-- AVERAGE ANNUAL AUTO INSURANCE RATES FOR THE 50 STATES AND THE DISTRICT OF COLUMBIA: JUNE, 2012

[Median car insurance rates are determined by a Quadrant Information Services and were based on actual customer profiles of online car insurance shoppers that can include multiple drivers, multiple vehicles and other variables. Income data are from the 2010 Census and car insurance data collected June 2012]

Rank	State	Median price of annual car insurance	Median annual household income	Car insurance as percent of household income
1	Michigan	4,490	56,101	8.00
2	Louisiana	2,912	52,456	5.55
3	Kentucky	2,292	50,392	4.55
4	West Virginia	2,074	48,927	4.24
5	Mississippi	1,840	45,484	4.05
6	Arkansas	1,722	47,049	3.66
7	Delaware	2,456	68,746	3.57
8	New York	2,334	65,897	3.54
9	Nevada	2,070	60,192	3.44
10	Florida	1,784	53,093	3.36
11	District of Columbia	2,570	77,514	3.32
12	South Carolina	1,682	51,704	3.25
13	Rhode Island	2,132	67,814	3.14
14	Arizona	1,724	55,353	3.12
15	New Jersey	2,556	82,427	3.10
16	Oklahoma	1,610	51,958	3.10
17	Georgia	1,632	55,209	2.96
18	South Dakota	1,772	59,987	2.95
19	Pennsylvania	1,828	61,890	2.95
20	Alabama	1,476	50,429	2.93
21	Tennessee	1,452	51,083	2.84
22	Minnesota	1,924	69,625	2.76
23	Missouri	1,550	56,214	2.76
24	Illinois	1,716	65,417	2.62
25	New Mexico	1,306	51,020	2.56
26	Texas	1,420	56,575	2.51
27	Montana	1,354	54,507	2.48
28	Idaho	1,290	52,342	2.47
29	Connecticut	1,984	81,246	2.44
30	Maryland	2,030	83,137	2.44
31	Kansas	1,480	61,013	2.43
32	Colorado	1,562	67,800	2.30
33	Indiana	1,268	55,368	2.29

Continued on next page.

Table 14.17-- AVERAGE ANNUAL AUTO INSURANCE RATES FOR THE 50 STATES AND THE DISTRICT OF COLUMBIA: JUNE, 2012-- Con.

Rank	State	Median price of annual car insurance	Median annual household income	Car insurance as percent of household income
34	Wisconsin	1,400	62,088	2.26
35	Nebraska	1,348	60,812	2.22
36	Vermont	1,380	62,575	2.21
37	Washington	1,458	67,328	2.17
38	North Dakota	1,384	65,207	2.12
39	Wyoming	1,394	65,841	2.12
40	Utah	1,270	61,618	2.06
41	Ohio	1,128	56,518	2.00
42	Maine	1,160	58,197	1.99
43	Virginia	1,444	72,476	1.99
44	California	1,304	65,481	1.99
45	New Hampshire	1,484	74,634	1.99
46	Iowa	1,202	60,917	1.97
47	Oregon	1,108	56,661	1.96
48	Alaska	1,348	76,962	1.75
49	**Hawaii**	**1,244**	**76,134**	**1.63**
50	North Carolina	860	52,920	1.63
51	Massachusetts	1,128	78,653	1.43

Source: CarInsurance.com "10 states where car insurance really bites your budget" <http://www.carinsurancequotes.com/car_insurance-costs> accessed July 30, 2012.

Table 14.18-- COST OF LIVING INDEX FOR SELECTED MAJOR CITIES IN THE UNITED STATES AND RANK WORLDWIDE: 2006 TO 2013

[The survey, conducted in March, covers 214 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. Honolulu was not among the top 50 in the 2007 Mercer study released June 17, 2007, nor the 2008 on July 13, 2008, nor the 2009 on July 7, 2009, the 2010 on June 29, 2010, the 2011 on July 12, 2011, nor the 2012 on June 12, 2012. There were no United States locations in the 2013 'Top 10' released on July 23, 2013 and the complete lists are not readily available]

City and state	Index 1/			Global rank						
	2006	2008	2009	2006	2008	2009	2010	2011	2012	2013
Atlanta, GA	76.3	(NA)	(NA)	86	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Boston, MA	76.8	(NA)	(NA)	84	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chicago, IL	84.1	80.3	80.7	38	84	50	(NA)	(NA)	(NA)	(NA)
Cleveland, OH	69.8	(NA)	(NA)	110	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Denver, CO	73.6	(NA)	(NA)	97	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Detroit, MI	68.3	(NA)	(NA)	122	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Honolulu, HI	**80.0**	**81.4**	**81.6**	**67**	**77**	**41**	**(NA)**	**(NA)**	**(NA)**	**(NA)**
Houston, TX	78.5	(NA)	(NA)	76	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Los Angeles, CA	86.7	87.5	87.6	29	55	23	55	(NA)	(NA)	(NA)
Miami, FL	83.9	82.0	81.4	39	75	45	(NA)	(NA)	(NA)	(NA)
Morristown, NJ	76.8	(NA)	(NA)	84	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
New York City, NY	100.0	100.0	100.0	10	22	8	27	32	33	(NA)
Pittsburgh, PA	69.4	(NA)	(NA)	113	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Portland, OR	69.7	(NA)	(NA)	111	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
San Francisco, CA	85.0	81.0	82.5	34	78	34	(NA)	(NA)	(NA)	(NA)
Seattle, WA	71.9	(NA)	(NA)	102	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
St. Louis, MO	71.6	(NA)	(NA)	103	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Washington, DC	77.0	(NA)	(NA)	83	(NA)	(NA)	111	(NA)	(NA)	(NA)
White Plains, NY	83.2	79.3	84.7	34	89	31	(NA)	(NA)	(NA)	(NA)
Winston Salem, NC	66.7	(NA)	(NA)	124	(NA)	(NA)	197	(NA)	(NA)	(NA)

1/ "Index" not available in the News Release beyond 2009.

Source: 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; Mercer, "Worldwide Cost of Living survey 2009 – City ranking" (July 7, 2009) <http://www.mercer.com/summary.htm?idContent=1311145> accessed July 17, 2009; Ibid. "Worldwide Cost of Living Survey 2010 - City rankings" (June 29, 2010) <http://www.mercer.com/costoflivingpr#City_rankings> accessed July 8, 2010; Ibid. 2011 (July 12, 2011) <http://www.mercer.com/costoflivingpr#City_rankings> accessed July 12, 2011; Ibid. "Worldwide Cost of Living Survey 2012 – city ranking" (June 12, 2012) <http://www.mercer.com/costoflivingpr#City_rankings> accessed July 9, 2012; Ibid. 2013 "African, European, and Asian Cities Dominate the Top 10 Most Expensive Locations for Expatriates" (July 23, 2013) <http://www.mercer.com/costoflivingpr#City_rankings> accessed July 30, 2013; and FinFacts "Global/World Cost of Living Rankings - 2006-2007" <http://www.finfacts.com/costofliving3.htm> accessed July 14, 2006.

Table 14.19-- TOP 10 MOST EXPENSIVE AND 10 LEAST EXPENSIVE STATES TO LIVE: 2013

[CNBC considered basic items in the most and least expensive areas of the state. Average price data based on Council for Community and Economic Research C2ER Cost of Living Index, Q1 2013]

Rank	State	Metro area 1/	Average home price	Half gallon of milk	Beef 2/	Monthly energy bill	Doctor visit
Most expensive							
1	Hawaii	Honolulu	742,166	3.41	3.99	333.51	101.80
2	Alaska	Anchorage	467,553	2.41	4.08	169.84	159.20
3	Connecticut	Stamford	585,000	2.77	4.07	236.01	114.55
4	New York	Manhattan	1,351,400	2.42	4.71	237.01	96.00
5	New Jersey	Bergen- Passaic	557,145	3.79	3.43	252.39	103.20
6	California	San Francisco	823,429	2.39	3.24	165.55	130.57
7	Rhode Island	Providence	371,000	2.91	4.07	233.53	149.00
8	Massachusetts	Boston	478,200	2.71	4.29	248.63	149.00
9	Maryland	Bethesda- Gaithers-burg- Frederick	577,834	2.59	3.39	205.44	83.60
10	Vermont	Burlington	396,146	2.25	4.19	248.71	111.23
Least expensive							
1	Oklahoma	Ponca City	265,154	2.33	10.22	149.78	78.33
2	Tennessee	Jackson- Madison County	211,238	2.64	8.66	145.98	95.00
3	Idaho	Boise	256,124	1.74	9.48	146.59	118.33
3	Kentucky	Louisville	232,139	1.96	8.99	123.43	86.10
5	Nebraska	Hastings	263,000	1.98	10.99	127.26	71.33
6	Indiana	Fort Wayne	284,543	1.94	11.19	114.72	86.33
7	Arkansas	Little Rock	301,250	2.26	10.84	132.64	100.50
7	Kansas	Dodge City	261,000	2.49	9.50	141.01	90.00
9	Texas	Houston	239,040	2.22	10.03	151.58	94.70
10	Mississippi	Jackson	248,167	2.51	10.44	123.09	80.50

1/ Average home price applies to indicated Metro area.

2/ One pound of ground beef in "Most expensive" and T-bone steak in "Least expensive" areas.

Source: CNBC, "America's Top States for Business - Most Expensive State to Live" <http://www.cnbc.com/id/100876442> accessed July 15, 2013; and "Least Expensive State to Live" <http://www.cnbc.com/id/100835110/page/1> accessed July 15, 2013.

Table 14.20-- PAY DIFFERENTIALS AND COST OF LIVING INDEXES FOR FEDERAL EMPLOYEES IN HAWAII RELATIVE TO WASHINGTON, D.C., BY COUNTY: 1996 TO 2013

[As of June 30, 2013]

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
COLA AND LOCALITY PAY RATES					
January 1, 2009	COLA 5/	25.00	18.00	25.00	25.00
	Locality rate 6/	0.00	0.00	0.00	0.00
January 1, 2010	COLA 6/ 7/	20.94	14.26	20.94	20.94
	Payable locality rate 6/	4.72	4.72	4.72	4.72
	Full locality rate 6/	14.16	14.16	14.16	14.16
January 1, 2011	COLA 6/ 8/	16.07	9.76	16.07	16.07
	Payable locality rate 6/	11.01	11.01	11.01	11.01
	Full locality rate 6/	16.51	16.51	16.51	16.51
January 1, 2012	COLA 6/ 8/	12.25	6.24	12.25	12.25
	Payable locality rate 6/	16.51	16.51	16.51	16.51
	Full locality rate 6/	16.51	16.51	16.51	16.51
INDEXES					
1996 Survey	Cost of Living Index 9/	121.95	111.89	121.36	121.36
1998 Survey	Cost Comparison Index 10/	124.51	110.89	120.32	117.19
2007 Survey	Cost of Living Index 11/	121.37	111.71	123.62	118.14
2007 Survey, 2008 adj.	Cost Comparison Index 11/	121.40	111.74	123.65	118.17

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

Continued on next page.

Table 14.20-- PAY DIFFERENTIALS AND COST OF LIVING INDEXES FOR FEDERAL EMPLOYEES IN HAWAII RELATIVE TO WASHINGTON, D.C., BY COUNTY: 1996 TO 2013 -- Con.

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/ As provided under the Nonforeign Area Retirement Equity Assurance Act of 2009 (NAREAA) (subtitle B of title XIX of the National Defense Authorization Act for Fiscal Year 2010 (Public Law 111-84, October 28, 2009)), the locality rate for each nonforeign area will be set at two-thirds of the applicable locality rate in January 2011 and the full applicable locality rate in January 2012. Employees in nonforeign areas, e.g. Hawaii, have corresponding reductions in their cost-of-living allowances (COLAs) when locality rates increase.

7/ 2010 COLA rates are also shown in the Compensation Policy Memorandum posted at <http://www.chcoc.gov/Transmittals/TransmittalDetails.aspx?TransmittalID=2732>.

8/ 2011 COLA rates are also shown in the Compensation Policy Memorandum posted at <http://www.chcoc.gov/Transmittals/TransmittalDetails.aspx?TransmittalID=3300>.

9/ 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.

10/ Similar explanation to footnote 8/ except the survey period was 1998 and publication in in the Federal Register was July 17, 2000.

11/ Similar explanation to footnote 8/ except the survey period was 2007 and publication in in the Federal Register was May 29, 2008.

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; OPM "Nonforeign Area Cost-of-Living Allowances" <http://www.opm.gov/oca/cola/rates.asp> accessed July 8, 2011; OPM, Memorandum for Heads of Executive Departments and Agencies "Executive Order for 2011 Pay Schedules" (December 20, 2010) <http://www.chcoc.gov/Transmittals/TransmittalDetails.aspx?TransmittalID=3300> accessed July 11, 2012; and OPM, "COLA and Locality Pay Rates in Nonforeign Areas 2009-2012" <http://archive.opm.gov/oca/cola/COLA10_12.asp> accessed July 20, 2013.

Table 14.21-- COST OF LIVING ALLOWANCE INDEXES FOR MILITARY IN HAWAII RELATIVE TO CONTINENTAL UNITED STATES, BY ISLAND

[As of July 1, 2013. Index number continental United States=100]

Effective date	Locality	Locality code 1/	Index
June 1, 2013	Hawaii (island)	HI 001	136
June 1, 2013	Kauai	HI 003	144
June 1, 2013	Maui	HI 005	144
June 1, 2013	Molokai	HI 007	144
June 1, 2013	Oahu	HI 009	136
November 8, 1989	Other islands	HI 999	(1/)

1/ Locality Code is 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, Defense Travel Management Committee, Overseas Cost-of-Living Program, "Changes Effective 1 July 2013, Table III - Cost-of-Living Allowance (COLA) Indexes", p.4 <http://www.defensetravel.dod.mil/Docs/perdiem/browse/Allowances/Appendix_J_Overseas_COLA_Tables/2013-COLA-Indexes/07-01-13_COLA_Indices.pdf> accessed July 20, 2013.

Table 14.22-- PER DIEM RATES FOR MILITARY IN HAWAII, BY ISLAND OR INSTALLATION

[As of July 1, 2013. 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	291	177	91	52	23	July 1, 2013
EASTPAC Naval COMP TELE Area	291	177	91	52	23	July 1, 2013
Ft. DeRussey	291	177	91	52	23	July 1, 2013
Ft. Shafter	291	177	91	52	23	July 1, 2013
Hickam Air Force Base	291	177	91	52	23	July 1, 2013
Honolulu	291	177	91	52	23	July 1, 2013
Isle of Hawaii: Hilo	209	114	76	44	19	July 1, 2013
Isle of Hawaii: other	317	180	110	61	27	July 1, 2013
Isle of Kauai	374	243	105	59	26	May 1, 2013
Isle of Maui	392	259	106	59	27	July 1, 2013
Isle of Oahu	291	177	91	52	23	July 1, 2013
Kekaha Pacific Missile Range Fac.	374	243	105	59	26	May 1, 2013
Kilauea Military Camp	209	114	76	44	19	July 1, 2013
Lanai	404	249	124	68	31	May 1, 2013
Lualualei Naval Magazine	291	177	91	52	23	July 1, 2013
Marine Corps Base Hawaii	291	177	91	52	23	July 1, 2013
Molokai	203	131	58	35	14	July 1, 2013
NAS Barbers Point	291	177	91	52	23	July 1, 2013
Pearl Harbor	291	177	91	52	23	July 1, 2013
Schofield Barracks	291	177	91	52	23	July 1, 2013
Wheeler Army Airfield	291	177	91	52	23	July 1, 2013
Other 3/	209	114	76	44	19	July 1, 2013

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, Defense Management Travel Office, Rates and Allowances, Per Diem Rates, Hawaii <http://www.defensetravel.dod.mil/site/perdiem.cfm> accessed July 24, 2013.

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: 2012.*

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Narrative

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15.35	Women-Owned Businesses for Hawaii and the United States: 2007
15.36	Business Inquiries and Complaints Through the Better Business Bureau, by Type of Industry: 2012

Table 15.01-- NUMBER OF STATE CHARTERED FINANCIAL INSTITUTIONS, BY ISLAND: 1998 TO 2009

[Only state chartered banks are included in this table which differs from tables in the previous Data Books. Tables in the previous Data Books included both state and federally chartered banks. This table includes the main offices, but excludes out-of-State branches of Hawaii-based institutions. As of December 31]

	Banks		Savings and loan associations		Financial services loan companies	
Category	Firms	Locations	Associ-ations	Locations	Firms	Locations
YEAR						
1998	5	177	2	29	38	126
1999	5	173	2	29	35	103
2000	5	180	2	19	32	98
2001	5	182	2	19	33	93
2002	5	181	1	2	29	88
2003	5	178	1	2	29	93
2004	5	178	1	5	24	88
2005	4	169	1	4	22	96
2006	6	173	1	4	21	99
2007	6	172	1	4	17	67
2008	6	177	1	5	16	53
2009	6	174	1	5	14	51
ISLAND: 2009						
Hawaii	3	21	1	1	3	6
Maui	3	24	1	1	4	5
Lanai	2	2	-	-	-	-
Molokai	1	1	-	-	1	1
Oahu	6	111	1	3	11	36
Kauai	3	15	-	-	3	3
Niihau	-	-	-	-	-	-

Source: Hawaii State Department of Commerce and Consumer Affairs, Division of Financial Institutions, records.

Table 15.02-- FINANCE AND INSURANCE SUBSECTOR (NAICS 52): 2011

[Excludes data on self-employed individuals, employees of private households, railroad employees, agricultural production employees and most government employees. Statistics based on the 2007 North American Industry Classification System (NAICS)]

NAICS code	Major group	Establish-ments	Number of em-ployees 1/	Annual payroll ($1,000)
52	Total	1,425	18,783	1,102,310
522	Credit intermediation and related activities	678	10,017	549,039
5221	Depository credit intermediation	480	9,100	495,920
52211	Commercial banking	228	5,292	302,459
52212	Savings institutions	98	(2/)	(D)
52213	Credit unions	154	2,191	92,903
5222	Nondepository credit intermediation	108	651	41,122
52221	Credit card issuing	1	(3/)	(D)
52222	Sales financing	3	(3/)	1,973
52229	Other nondepository credit intermediation	104	593	37,883
522291	Consumer lending	19	105	4,059
522292	Real estate credit	62	429	30,943
522298	All other nondep credit intermediation	23	59	2,881
5223	Activities related to credit intermediation	90	266	11,997
52231	Mortgage and nonmortgage loan brokers	55	176	9,239
523	Securities, commodity contracts, and other financial investments, and related activities	242	1,085	101,809
5231	Securities and commodity contracts intermediation and brokerage	111	(4/)	59,785
52311	Investment banking and securities dealing	7	(3/)	(D)
52312	Securities brokerage	99	(5/)	58,499
5239	Other financial investment activities	131	537	42,024
52391	Miscellaneous intermediation	23	126	11,573
52392	Portfolio management	40	(6/)	9,949
52393	Investment advice	57	234	17,329
524	Insurance carriers and related activities	499	7,677	451,313
5241	Insurance carriers 3/	115	5,178	309,369
52411	Direct life, health, & medical insure carriers	59	3,546	201,666
524113	Direct life insurance carriers	36	527	43,231
524114	Direct health & medical insurance carriers	23	3,019	158,435
52412	Direct insurance (except life, health, and medical) carriers	56	1,632	107,703
5242	Agencies, brokerages, and other insurance related activities 3/	384	2,499	141,944
52421	Insurance agencies and brokerages	339	1,893	104,765
525	Funds, trusts, and other financial vehicles	6	4	149

Continued on next page.

Table 15.02-- FINANCE AND INSURANCE SUBSECTOR (NAICS 52): 2011 -- Con.

D Withheld to avoid disclosing data for individual companies.
1/ For week including March 12.
2/ 1,000 to 2,499 employees.
3/ 20 to 99 employees.
4/ 500 to 999 employees.
5/ 250 to 499 employees.
6/ 100 to 249 employees.
Source: U.S. Census Bureau, *2011 County Business Patterns* <http://censtats.census.gov/cgi-bin/cbpnaic/cbpdetl.pl> accessed May 3, 2013.

Table 15.03-- CHARACTERISTICS OF THE FINANCE AND INSURANCE SECTOR (NAICS 52): 2007

[Includes establishments with payroll. Statistics based on the 2007 North American Industry Classification System (NAICS) which replaced the 2002 NAICS used in the 2002 Economic Census. The Standard Industrial Classification (SIC) system was used in Economic Censuses prior to 1997]

NAICS code	Kind of business	Establish-ments	Revenue ($1,000)	Annual payroll ($1,000)	Paid emplo-yees 1/
52	Total	1,672	(2/)	1,095,342	20,747
522	Credit intermediation and related activities	897	(2/)	569,282	12,238
5221	Depository credit intermediation	488	(2/)	465,736	9,659
52211	Commercial banking	222	(3/)	304,472	5,736
52212	Savings institutions	106	(3/)	(D)	(4/)
52213	Credit unions	160	(D)	(D)	(4/)
5222	Nondepository credit intermediation	198	299,394	72,982	1,646
52222	Sales financing	6	59,000	3,636	58
52229	Other nondepository credit intermediation	191	(D)	(D)	(4/)
5223	Activities related to credit intermediation	211	86,604	30,564	933
52231	Mortgage and nonmortgage loan brokers	167	71,447	26,576	750
52232	Financial transaction processing and clearing	15	5,331	1,154	49
52239	Other activities related to credit intermediation	29	9,826	2,834	134
523	Securities, commodity contracts, investments	242	316,457	129,254	1,228
5231	Securities and commodity contracts intermediation and brokerage	102	161,150	64,253	648
52312	Securities brokerage	89	151,799	62,031	619
52313	Commodity contracts dealing	6	1,411	326	12
5239	Other financial investment activities	140	155,307	65,001	580
52391	Miscellaneous intermediation	41	29,467	14,448	179
52392	Portfolio management	55	103,926	40,203	243
52393	Investment advice	37	17,006	7,788	112
52399	All other financial investment activities	7	4,908	2,562	46
524	Insurance carriers and related activities	533	(2/)	396,806	7,281
5241	Insurance carriers	120	(3/)	252,311	4,394
52411	Direct life, health, and medical insure carriers	53	(3/)	141,010	2,638
52412	Direct insurance (except life, health, and medical) carriers	66	(3/)	(D)	(4/)
5242	Agencies, brokerages, and other insurance related activities	413	457,705	144,495	2,887
52421	Insurance agencies and brokerages	361	340,850	113,081	2,249
52429	Other insurance related activities	52	116,855	31,414	638

Continued on next page.

Table 15.03-- CHARACTERISTICS OF THE FINANCE AND INSURANCE SECTOR (NAICS 52): 2007 -- Con.

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/ 1,000 to 2,499 employees.

Source: U.S. Census Bureau, 2007 Economic Census, Sector 52: Finance and Insurance, Geographic Area Series, EC0752A1: Summary Statistics for the U.S., States, and Metro Areas: 2007 <http://factfinder.census.gov/servlet/EconSectorServlet?_lang=en&ds_name=EC0700A1&_SectorId=52&_ts=297092362480> accessed July 13, 2010.

Table 15.04-- CHARACTERISTICS OF STATE-CHARTERED FINANCIAL INSTITUTIONS, BY TYPE: 2009 TO 2011

[Includes out-of-state branches and facilities. Includes only institutions chartered by the State of Hawaii. As of December 31]

Subject	2009	2010	2011
BANKS			
Number of banks	5	5	5
Number of branches and agency offices	193	187	190
Assets (million dollars)	31,194.7	32,502.4	34,056.9
Deposits (million dollars)	23,421.4	23,760.0	26,456.6
DEPOSITORY FINANCIAL SERVICES LOAN COMPANIES			
Number of companies	1	1	1
Number of branches and agency offices	15	15	14
Assets (million dollars)	653.1	572.7	488.1
Deposits (million dollars)	502.2	486.5	408.1

Source: Hawaii State Department of Commerce and Consumer Affairs, Division of Financial Institutions, *Comparative Statements of Condition* (semi-annual) <http://hawaii.gov/dcca/dfi/reports> accessed April 29, 2013.

Table 15.05-- CHARACTERISTICS OF COMMERCIAL BANKS HEADQUARTERED IN HAWAII, BY ASSET SIZE: 2012

[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)	5,655	18	337	5,300
ASSETS AND LIABILITIES (THOUSAND DOLLARS) 1/				
Assets	36,103,387	95,783	1,229,569	34,778,035
Total loans and leases	17,899,227	68,396	690,547	17,140,284
Foreign 2/	1,010,298	(NA)	9,652	1,000,646
Net loans and leases	17,526,114	67,066	674,313	16,784,735
Securities	12,867,548	-	268,142	12,599,406
Liabilities	31,757,121	82,712	1,109,610	30,564,799
Deposits	29,345,147	82,299	1,078,740	28,184,108
Foreign 2/	1,631,055	(NA)	(NA)	(NA)
Domestic 3/	27,714,092	82,299	1,078,740	26,553,053
Equity capital	4,346,266	13,071	119,959	4,213,236
Loan loss allowance	373,113	1,330	16,234	355,549
Unused loan commitments	7,027,070	4,449	166,030	6,856,591
ASSET QUALITY (PERCENT OF LOANS)				
Loan loss allowance	2.085	1.945	2.351	2.074
Past due and non-accrual	1.610	4.225	4.461	1.484
Real estate	1.848	4.203	5.019	1.682
Commercial and industrial	0.789	4.365	2.059	0.729
Consumer	1.651	3.477	0.558	1.658

NA Not available.

1/ In earlier *Data Books,* figures were reported in millions of dollars.

2/ The assets, loans or deposits of the offices of the banks in foreign countries. Not comparable to *Data Books* prior to 2002.

3/ 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 31, 2013; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 15.06-- CREDIT UNIONS: 1999 TO 2012

[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	6,675,454,552	5,816,437,373	3,166,759,388	750,866
2006	96	6,727,084,367	5,812,940,245	3,444,264,686	776,744
2007	93	7,107,175,278	6,146,573,223	3,751,577,727	806,760
2008	91	7,558,379,638	6,603,223,228	4,011,002,386	809,200
2009	89	8,755,497,641	7,551,135,979	4,096,716,913	810,030
2010	85	9,070,205,477	8,039,549,284	4,024,058,221	810,401
2011	83	1/ 9,285,044,502	8,227,197,584	1/ 3,975,405,068	810,675
2012	78	9,525,032,925	8,412,573,430	3,824,073,286	801,036

1/ Revised from previous *Data Book.*
Source: Hawaii Credit Union League, records.

Table 15.07-- INSURANCE BUSINESS TRANSACTED IN HAWAII: 1998 TO 2011

[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	3,475,130	2,694,150	5,368,663
2007	966	3,606,984	3,136,056	5,845,236
2008	990	3,459,682	2,621,815	5,506,338
2009	1,005	3,805,409	3,140,699	5,430,239
2010	1,009	4,013,738	3,319,787	5,527,425
2011	1,009	4,116,217	3,606,903	5,399,057

1/ Excludes bank balances.

Source: Hawaii State Department of Commerce and Consumer Affairs, *Report of the Insurance Commissioner of Hawaii* (annual) <http://hawaii.gov/dcca/ins/reports/> accessed February 15, 2013.

Table 15.08-- LIFE INSURANCE BUSINESS TRANSACTED IN HAWAII: 1998 TO 2011

[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	10,245,838	97,239,187	576,730	1,177,491
2006	429	10,250,274	97,128,330	630,068	1,795,645
2007	417	14,116,865	101,684,178	715,494	2,100,785
2008	419	9,763,779	102,791,146	674,799	1,545,860
2009	414	9,246,551	104,710,661	614,930	1,599,618
2010	409	9,115,587	105,633,782	641,641	1,683,320
2011	409	10,134,347	115,645,455	642,757	1,883,141

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.
Source: Hawaii State Department of Commerce and Consumer Affairs, *Report of the Insurance Commissioner of Hawaii* (annual) <http://hawaii.gov/dcca/ins/reports/> accessed February 15, 2013 and records.

Table 15.09-- INSURANCE PREMIUMS AND LOSSES PAID, BY CLASS OF INSURANCE: 2011

[Dollars]

Class of insurance	Premiums	Losses, claims, and benefits paid
All classes	4,116,217,206	1/ 3,606,902,667
Life 2/	636,185,636	1,878,345,074
Fraternal	6,571,593	4,796,008
Fire, marine, casualty, and miscellaneous	3,269,043,883	1,723,761,585
Accident and health 3/	1,307,628,862	987,504,070
Fire	53,576,646	5,475,838
Allied lines	72,257,666	9,204,512
Multiple peril crop	1,643,411	2,705,183
Federal flood	29,517,533	10,627,812
Farmowners multiple peril	38,568	-
Homeowners multiple peril	346,139,375	57,651,209
Commercial multiple peril (fire & allied lines)	80,859,058	19,321,956
Commercial multiple peril (liability portion)	45,385,246	13,261,026
Mortgage guaranty	18,007,425	32,379,368
Ocean marine	13,373,588	4,707,039
Inland marine	44,114,709	13,224,683
Financial guaranty	4,956,386	-
Medical malpractice	20,132,225	7,520,369
Earthquake	3,984,909	11,655
Workers' compensation	195,186,229	117,384,586
Other liability	167,927,730	51,744,389
Products liability	4,983,714	2,239,743
Private passenger auto no-fault	74,245,673	46,673,984
Other private passenger auto liability	313,224,276	163,146,004
Commercial auto no-fault	5,675,735	2,137,516
Other commercial auto liability	71,520,748	26,468,192
Private passenger auto physical damage	240,066,208	118,501,783
Commercial auto physical damage	17,058,729	10,881,074
Aircraft	10,325,143	1,886,560
Fidelity	4,717,515	196,508
Surety	38,347,012	4,656,249
Burglary and theft	498,893	22,935
Boiler and machinery	3,620,596	2,580,775
Credit	5,679,091	1,772,405
Title	60,581,341	5,609,861
All other	13,769,643	4,264,301
Surplus lines (net of reinsurance)	204,416,094	(NA)

NA Not available.

1/ Excludes surplus lines.

2/ Excludes annuities.

3/ Excludes mutual benefit societies and health maintenance organizations.

Source: Hawaii State Department of Commerce and Consumer Affairs, *Report of the Insurance Commissioner of Hawaii, 2012* <http://hawaii.gov/dcca/ins/reports/> accessed February 15, 2013.

Table 15.10-- INSURANCE BUSINESS TRANSACTED IN HAWAII, BY LOCATION OF HOME OFFICE: 2011

[As of December 31. Money amounts in millions of dollars. For all insurance companies, life and property & casualty, licensed to do business in Hawaii]

Subject	All companies	Domestic com-panies 1/	Foreign com-panies 2/	Alien com-panies 3/
Number of companies	1,009	19	979	11
Life incl. Fraternal Benefit Societies	409	3	400	6
Other than life	600	16	579	5
Financial condition				
Assets	6,398,347	2,137	6,368,589	27,622
Liabilities exc. capital and surplus	5,572,763	1,227	5,546,270	25,265
Policyholders' surplus incl. capital	825,584	909	822,318	2,357
Capital	7,205	52	7,148	5
Net income or loss	34,416	60	34,594	-238
Hawaii business				
Direct premiums written	5,253	663	4,575	14
Life	643	27	607	9
Annuities	1,341	(4/)	1,341	(4/)
Fire, casualty, and misc.	3,269	636	2,627	6
Claims and benefits paid	4,006	251	3,744	11
Life	1,883	22	1,852	9
Annuities	399	1	398	1
Fire, casualty, and misc.	1,724	229	1,494	(5/)
Investments in Hawaii	5,399	158	5,208	33
Mortgage loans (principal indebtedness)	963	91	840	33
Collateral loans (amount loaned)	94	-	94	-
State and county bonds 6/	2,264	5	2,259	-
Utilities stocks and bonds 6/	337	-	337	-
Industrial and miscellaneous stocks and bonds 6/	1,495	57	1,438	(7/)
Real estate 8/	246	6	240	-
Balances in Hawaii banks	181	110	71	(7/)

Continued on next page.

Table 15.10-- INSURANCE BUSINESS TRANSACTED IN HAWAII, BY LOCATION OF HOME OFFICE: 2011 -- Con.

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/ 0.02.

5/ 0.28.

6/ Market value.

7/ 0.05.

8/ Market value less encumbrances.

Source: Hawaii State Department of Commerce and Consumer Affairs, *Report of the Insurance Commissioner of Hawaii, 2012,* pp. 18-45 <http://hawaii.gov/dcca/ins/reports/> accessed February 15, 2013; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 15.11-- HEALTH PLANS: 2009 TO 2012

Subject	2009	2010	2011	2012
Hawaii Medical Service Association				
Persons covered, Dec. 31 1/	688,934	676,800	692,000	708,378
Membership dues 2/ ($1,000)	1,643,173	1,763,549	2,064,411	2,481,850
Kaiser Foundation Health Plan				
Persons covered 1/				
Annual average	222,667	227,182	229,252	227,670
Dec. 31	223,795	229,186	226,900	224,591
Membership dues 2/ ($1,000)	632,131	685,998	773,543	822,808
University Health Alliance				
Persons covered, Dec. 31 1/	30,493	36,505	44,407	49,181
Membership dues 2/ ($1,000)	3/ 104,412	118,289	155,901	186,802
Island Care:				
Commercial carrier premiums for accident and health insurance ($1,000)	1,016,744	1,232,325	1,307,629	(NA)

NA Not available.
1/ Subscribers and dependents, whether on a group or individual basis.
2/ Includes both employers' and employees' contributions.
3/ Revised from previous *Data Book.*
Source: 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://hawaii.gov/dcca/ins/reports/> accessed February 15, 2013.

Table 15.12-- PERCENT OF PERSONS NOT COVERED BY HEALTH INSURANCE, FOR THE UNITED STATES AND HAWAII: ANNUAL AND AVERAGE, 2008 TO 2011

[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
	2008	2009	2010	2011	2009-2010	2010-2011	2009-2011
Hawaii							
Percent not covered	7.3	7.4	7.7	7.8	1/ 7.3	7.8	7.6
Standard error 2/	0.7	0.6	0.7	0.7	1/ 0.8	0.8	0.7
Rank 3/	(X)	(X)	(X)	(X)	(X)	(X)	2
U.S.							
Percent not covered	14.9	16.1	16.3	15.7	1/ 15.5	16.0	16.0
Standard error 2/	0.1	0.1	0.1	0.1	0.2	0.2	0.1

X Not applicable.
1/ Revised from previous *Data Book.*
2/ Plus or minus percent. At the 90-percent confidence interval.
3/ Among 50 states, with lowest percentage ranking 1.

Source: U.S. Census Bureau, Table HI06 "Health Insurance Coverage Status by State for All People: 2011" <http://www.census.gov/hhes/www/cpstables/032012/health/h06_000.xls> accessed October 5, 2012; "HIB-4. Health Insurance Coverage Status and Type of Coverage by State--All Persons: 1999 to 2011" <http://www.census.gov/hhes/www/hlthins/data/historical/HIB_tables.html> accessed June 28, 2013; "Number and Percentage of People Without Health Insurance Coverage by State Using 2- and 3-Year Averages: 2008-2009 and 2010-2011" <http://www.census.gov/hhes/www/hlthins/data/incpovhlth/2011/state.xls> accessed October 5, 2012; "Comparison of Uninsured Rates Between States Using 3-year Averages: 2009 to 2011" <http://www.census.gov/hhes/www/hlthins/data/incpovhlth/2011/statecomp11.xls> accessed September 13, 2011; and "Comparison of Uninsured Rates Between States Using 3-year Averages: 2009 to 2011" <http://www.census.gov/hhes/www/hlthins/data/incpovhlth/2011/statecomp11.xls> accessed October 5, 2012.

Table 15.13-- UNINSURED PERSONS BY SELECTED AGE GROUPS, BY COUNTY: 2010

[The Small Area Health Insurance Estimates (SAHIE) program models health insurance coverage by combining survey data with population estimates and administrative records]

Age group and subject	State total 1/	Honolulu	Hawaii	Kauai	Maui
Under age 65					
Number uninsured	102,658	63,196	18,684	5,647	15,131
Number in population group	1,153,573	799,818	159,610	57,748	136,397
Percent uninsured	8.9	7.9	11.7	9.8	11.1
Under 19 years old					
Number uninsured	13,152	7,952	2,523	860	1,817
Number in population group	320,747	221,590	44,972	16,271	37,913
Percent uninsured	4.1	3.6	5.6	5.3	4.8
18 to 64 years old					
Number uninsured	91,241	56,420	16,435	4,871	13,514
Number in population group	848,923	589,371	116,990	42,242	100,321
Percent uninsured	10.7	9.6	14.0	11.5	13.5
40 to 64 years old					
Number uninsured	40,389	23,265	8,673	2,331	6,119
Number in population group	464,424	312,500	69,449	25,112	57,363
Percent uninsured	8.7	7.4	12.5	9.3	10.7
50 to 64 years old					
Number uninsured	22,656	12,893	5,204	1,369	3,191
Number in population group	278,207	182,673	45,489	15,818	34,228
Percent uninsured	8.1	7.1	11.4	8.7	9.3

1/ Kalawao County figures were not available.

Source: U.S. Census Bureau, Social, Economic and Housing Statistics Division, Small Area Estimates 2010 County and State Health Insurance Estimates by Demographic and Income Characteristics <http://www.census.gov/did/www/sahie/data/interactive/> accessed May 20, 2013.

Table 15.14-- FIRES, DEATHS, AND LOSSES REPORTED BY COUNTY FIRE DEPARTMENT: 2004 TO 2012

[Fiscal year ending June 30]

Subject and year	State total	Honolulu	Hawaii	Kauai	Maui
Number of fires					
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
2008	4,148	2,625	892	308	323
2009	3,802	2,364	751	186	501
2010	4,105	2,383	889	292	541
2011	3,562	2,110	731	168	553
2012	3,699	2,147	681	272	599
Fire deaths					
2004	8	7	1	-	-
2005	10	10	-	-	-
2006	4	3	-	1	-
2007	6	5	1	-	-
2008	6	5	-	1	-
2009	2	2	-	-	-
2010	5	3	-	-	2
2011	12	11	-	1	-
2012	5	4	1	-	-
Fire losses ($1,000)					
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
2008	28,005	16,566	6,775	1,279	3,385
2009	24,908	15,354	5,825	1,919	1,810
2010	44,263	13,696	3,995	6,081	20,491
2011	23,484	15,542	2,111	3,132	2,699
2012	27,946	16,041	3,512	5,121	3,272

Source: County fire departments.

Table 15.15-- CHARACTERISTICS OF BUSINESS ESTABLISHMENTS: 1999 TO 2011

[Excludes data on self-employed individuals, employees of private households, railroad employees, agricultural production employees and most government employees]

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
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
2007	519,060	4,501,332	18,306,259	33,388	17,177	6,835
2008	518,168	4,667,451	18,539,010	32,904	16,903	6,720
2009	488,403	4,415,214	17,742,683	32,372	16,862	6,494
2010	478,838	4,158,617	17,541,821	31,939	16,709	6,357
2011	485,548	4,410,075	18,362,124	31,472	16,364	6,358

Year	Number of establishments by employment-size class 2/--Con.						
	10 to 19	20 to 49	50 to 99	100 to 249	250 to 499	500 to 999	1,000 or more
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
2007	4,611	2,895	1,107	548	133	52	30
2008	4,518	2,912	1,067	556	138	62	28
2009	4,445	2,836	1,027	506	129	48	25
2010	4,445	2,729	1,012	481	134	49	23
2011	4,231	2,807	1,031	472	130	55	24

1/ For week including March 12.

2/ Data refer to establishments active anytime during the year.

Source: U.S. Census Bureau, *County Business Patterns* (annual) <http://www.census.gov/econ/cbp/> accessed May 3, 2013.

Table 15.16-- CHARACTERISTICS OF BUSINESS ESTABLISHMENTS, BY COUNTY: 2010 AND 2011

[Excludes data on self-employed individuals, employees of private households, railroad employees, agricultural production employees and most government employees]

Year and county	Number of establish-ments 1/	Number of employees 2/	Payroll ($1,000)	
			First quarter	Annual
2010				
State total	31,939	478,838	4,158,617	17,541,821
Hawaii	4,044	49,437	376,903	1,562,597
Honolulu	21,592	335,934	3,058,740	12,876,028
Kauai	1,913	23,216	173,555	742,031
Maui	4,332	57,370	453,896	1,934,793
Statewide 3/	58	(4/)	(D)	(D)
2011				
State total	31,472	485,548	4,410,075	18,362,124
Hawaii	3,966	49,068	383,608	1,585,721
Honolulu	21,139	337,092	3,215,267	13,376,153
Kauai	1,905	23,784	185,490	789,250
Maui	4,314	60,913	509,332	2,137,744
Statewide 3/	148	(4/)	116,378	473,256

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/ Employers without a fixed location within a state (or of unknown county location) are included under a "statewide" classification at the end of the county tables. This incomplete detail causes only slight understatement of county employment.

4/ 10,000 to 24,999 employees.

Source: U.S. Census Bureau, *County Business Patterns* (annual) <http://www.census.gov/econ/cbp/> accessed May 3, 2013.

Table 15.17-- CHARACTERISTICS OF BUSINESS ESTABLISHMENTS, BY MAJOR GROUP: 2011

[Excludes data on self-employed individuals, employees of private households, railroad employees, agricultural production employees and most government employees. Statistics based on the 2007 North American Industry Classification System (NAICS)]

NAICS code	Major group	Number of establish-ments 1/	Number of employees 2/	Annual payroll ($1,000)
	Total	31,472	485,548	18,362,124
11	Agriculture, forestry, fishing and hunting	33	161	4,121
21	Mining, quarrying, and oil & gas extraction	8	138	10,601
22	Utilities	55	3,300	279,752
23	Construction	2,645	25,234	1,541,761
31-33	Manufacturing	812	12,118	451,697
311	Food	248	5,432	154,761
312	Beverage and tobacco product	31	771	28,939
315	Apparel	52	449	10,681
323	Printing and related support activities	100	983	33,485
327	Nonmetallic mineral product	45	(3/)	45,422
42	Wholesale trade	1,732	18,471	814,026
44-45	Retail trade	4,678	66,913	1,798,780
441	Motor vehicle and parts dealers	320	5,765	265,921
444	Bldg. mat,garden equip&supplies dealers	275	4,516	134,665
445	Food and beverage stores	671	13,373	305,865
446	Health and personal care stores	382	4,439	157,661
448	Clothing & clothing accessories stores	1,229	12,254	258,750
452	General merchandise stores	98	12,718	355,361
48-49	Transportation and warehousing	832	26,167	1,080,242
481	Air transportation	61	7,349	359,625
484	Truck transportation	203	3,332	125,087
485	Transit & ground passenger transport	103	3,945	137,671
487	Scenic and sightseeing transportation	176	3,793	116,256
488	Support activities for transportation	179	4,303	199,759
51	Information	531	8,184	454,983
52	Finance and insurance	1,425	18,783	1,102,310
53	Real estate and rental and leasing	1,926	12,154	526,597
54	Professional, scientific & technical services	3,284	25,450	1,400,961
55	Management of companies & enterprises	234	8,467	517,755
56	Administrative and support and waste management and remediation services	1,803	45,688	1,297,032
61	Educational services	496	19,967	657,450
62	Health care and social assistance	3,514	65,145	3,136,015
621	Ambulatory health care services	2,681	25,174	1,374,933
622	Hospitals	28	21,059	1,264,098
623	Nursing & residential care facitilites	147	7,321	243,188
624	Social assistance	658	11,591	253,796

Continued on next page.

Table 15.17-- CHARACTERISTICS OF BUSINESS ESTABLISHMENTS, BY MAJOR GROUP: 2011-- Con.

NAICS code	Major group	Number of establish-ments 1/	Number of employees 2/	Annual payroll ($1,000)
71	Arts, entertainment and recreation	488	10,256	237,098
72	Accommodation and food services	3,468	93,510	2,360,531
721	Accommodation	295	35,540	1,347,901
722	Food services and drinking places	3,173	57,970	1,012,630
81	Other services (except public admin.)	3,466	25,407	689,623
99	Industries not classified	42	35	789

1/ Data refer to establishments active anytime during the year.
2/ For week including March 12.
3/ 500 to 999 employees.
Source: U.S. Census Bureau, *2011 County Business Patterns* <http://censtats.census.gov/cgi-bin/cbpnaic/cbpsect.pl> accessed May 3, 2013.

Table 15.18-- CHARACTERISTICS OF BUSINESS ESTABLISHMENTS, BY EMPLOYMENT-SIZE CLASS: 2009 AND 2010

[Excludes data on self-employed individuals, employees of private households, railroad employees, agricultural production employees and most government employees]

Employment-size class	Number of establishments 1/		Number of employees 2/		Annual payroll ($1,000)	
	2009	2010	2009	2010	2009	2010
Total	32,372	31,939	488,403	478,838	17,742,683	17,541,821
1 to 4	16,862	16,709	31,009	30,512	1,202,263	1,187,748
5 to 9	6,494	6,357	43,110	42,083	1,413,372	1,403,955
10 to 19	4,445	4,445	59,275	59,713	1,919,912	1,916,198
20 to 49	2,836	2,729	85,024	82,288	2,890,539	2,861,935
50 to 99	1,027	1,012	70,344	69,038	2,444,105	2,376,851
100 to 249	506	481	74,433	70,896	2,670,752	2,605,330
250 to 499	129	134	44,895	46,479	1,776,020	1,812,425
500 to 999	48	49	33,582	33,689	1,390,527	1,396,099
1,000 or more	25	23	46,731	44,140	2,035,193	1,981,280

1/ Data refer to establishments active anytime during the year.

2/ For week including March 12.

Source: U.S. Census Bureau, "2009 County Business Patterns: Geographic Area Series: County Business Patterns by Employment Size Class" <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed January 18, 2012 and "2010 County Business Patterns: Geography Area Series: County Business Patterns by Employment Size Class" <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=BP_2010_00A3&prodType=table> accessed October 26, 2012.

Table 15.19-- CHARACTERISTICS OF BUSINESS AND PROFESSIONAL FIRMS, BY COUNTY: 2009

Characteristic	State total 1/	Honolulu	Maui	Kauai	Hawaii
All businesses	49,247	34,834	5,675	2,614	6,124
Business type, total 2/	32,196	22,458	3,470	1,745	4,526
Corporation	25,529	18,029	2,866	1,371	3,266
Partnership	720	516	112	26	66
Proprietorship	5,947	3,913	492	348	1,194
Employees, total 3/	10,988	8,245	1,213	507	1,025
1 to 4	4,057	2,969	515	187	386
5 to 9	2,485	1,838	270	121	256
10 to 19	1,786	1,353	182	81	171
20 to 49	1,379	1,065	131	61	122
50 to 99	525	429	47	20	29
100 to 199	347	271	28	20	28
200 to 299	111	86	10	7	8
300 to 499	130	96	15	6	13
500 to 999	86	61	12	4	9
1,000 to 9,999	83	77	3	-	3
Annual sales volume, total 2/	8,250	6,251	885	358	757
Under $500,000	4,114	3,059	439	181	435
$500,000 to $1,000,000	1,243	918	135	71	119
$1 to $5 million	1,623	1,268	179	66	110
$5 to $10 million	392	310	51	6	25
$10 to $25 million	323	255	31	11	26
Over $25 million	555	441	50	23	42
Year established, total 3/	18,800	14,283	1,880	801	1,838
1821 to 1849	29	16	4	3	6
1850 to 1899	174	120	16	12	26
1900 to 1949	1,198	862	110	61	165
1950 to 1959	920	747	64	36	73
1960 to 1969	1,943	1,547	160	76	161
1970 to 1979	4,622	3,453	544	179	446
1980 to 1989	5,864	4,353	580	295	636
1990 to 1999	3,255	2,502	366	118	269
2000 and later	796	683	36	21	56

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 2009* (2009), pages xii, xiii and ix; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 15.20-- REGISTERED CORPORATIONS AND PARTNERSHIPS: 2009 TO 2012

[Fiscal year ending June 30 unless otherwise specified. Excludes nonprofit corporations]

Subject	2009	2010	2011	2012
Domestic (Hawaii) corporations				
Formed	2,042	2,006	2,049	1,985
Dissolved or merged 1/	2,860	2,888	2,824	2,767
On record, June 30 2/	34,108	33,243	32,508	31,761
Foreign (non-Hawaii) corporations				
Qualified	1,129	1,077	1,026	1,187
Withdrawn, merged, or cancelled 1/	871	924	986	971
On record, June 30 2/	11,345	11,497	11,531	11,751
Partnerships				
Registered	487	446	394	424
Dissolved or cancelled 1/	642	638	562	543
On record, June 30 2/	5,325	5,125	4,956	4,835
Domestic (Hawaii) Limited Liability Companies				
Formed	6,754	6,879	7,383	8,200
Dissolved or merged 1/	3,393	3,965	4,630	4,980
On record, June 30 2/	39,332	42,265	45,038	48,326
Foreign (non-Hawaii) Limited Liability Companies				
Qualified	758	841	867	985
Withdrawn or merged 1/	393	398	482	472
On record, June 30 2/	4,869	5,310	5,696	6,208
Domestic (Hawaii) Limited Liability Partnerships				
Formed	88	77	74	77
Dissolved or merged 1/	41	58	67	58
On record, June 30 2/	410	432	439	458
Foreign (non-Hawaii) Limited Liability Partnerships				
Qualified	6	5	11	8
Withdrawn or cancelled 1/	2	2	5	4
On record, June 30 2/	56	59	65	69

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 statistic.

Source: Hawaii State Department of Commerce and Consumer Affairs, Business Registration Division, 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: 2009 TO 2010

[An enterprise is a business organization consisting of one or more domestic establishments that were specified under common ownership or control. Based on 2007 NAICS]

	Employment size of the enterprise 1/							
		Less than 500 employees						
Subject	Total	Total < 500	1-4	5-9	10-19	20-99	100-499	500+
Establishments 2/								
Number (initial year)	29,979	25,204	12,108	4,738	3,025	3,404	1,929	4,775
Numerical change	-527	-463	-409	-91	1	-18	54	-64
Births 3/	2,403	2,058	1,386	233	189	116	134	345
Deaths 4/	2,930	2,521	1,795	324	188	134	80	409
Expansions	6,905	5,703	1,994	1,259	907	1,002	541	1,202
Contractions	8,429	6,631	1,455	1,686	1,283	1,507	700	1,798
Employment 5/								
Number (initial year)	488,393	266,468	25,399	30,696	37,481	90,411	82,481	221,925
Numerical change	-9,700	-2,327	4,391	-586	-770	-2,379	-2,983	-7,373
Change due to births	19,894	13,572	2,589	1,510	2,336	3,869	3,268	6,322
Change due to deaths	-19,715	-13,089	-3,160	-2,028	-2,209	-3,023	-2,669	-6,626
Change due to expansions	35,680	23,622	6,605	3,239	3,113	5,962	4,703	12,058
Change due to contractions	-45,559	-26,432	-1,643	-3,307	-4,010	-9,187	-8,285	-19,127

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 if the enterprise exists 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. 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. An enterprise is considered in existence in a given year if it owns at least one establishment with first quarter employment for that year.

2/ A single physical location where business is conducted or where services or industrial operations are performed.

3/ Establishments that have zero employment in the first quarter of the initial year and positive employment in the first quarter of the subsequent year.

4/ Establishments that have positive employment in the first quarter of the initial year and zero employment in the first quarter of the subsequent year.

5/ 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, 1989-2010 Business Information Tracking Series <http://www.census.gov/econ/susb/> accessed May 31, 2013 and "Statistics of U.S. Businesses Explanation of Terms" <http://www.census.gov/econ/susb/definitions.html> accessed May 31, 2013.

Table 15.23--EMPLOYMENT STATISTICS IN THE TOP 5 INDUSTRY SECTORS: 2002 AND 2007

[Ranking based on greatest employment at the 2-digit NAICS code-level. Greatest employment is ranked 1. Statistics based on the 2007 North American Industry Classification System (NAICS). Includes only establishments with payroll]

NAICS code	Sector	Number of employees			Payroll per employee ($)		
		2002	2007	Change	2002	2007	Change
72	Accommodation and food servces	85,641	98,353	12,712	18,738	22,468	3,730
44-45	Retail trade	63,794	70,661	6,867	20,908	24,998	4,090
62	Health care and social assistance	56,169	63,640	7,471	35,321	42,763	7,441
56	Administrative and support and waste management and remediation services	31,921	46,823	14,902	22,130	26,722	4,591
23	Construction	27,287	35,523	8,236	41,743	53,672	11,930

Source: U.S. Census Bureau, Economic Census, Economy-Wide Key Statistics File "Economic Census: Local Business Snapshot Hawaii" <http://thedataweb.rm.census.gov/TheDataWeb_HotReport2/econsnapshot/snapshot.hrml?NAICS=21#> accessed May 9, 2013.

Table 15.24-- TOP INDUSTRIES OF PRIVATE FIRMS, BY COUNTY: 2011-2012

[This data is averaged for 2nd quarter of 2011 through 2nd quarter of 2012. Ranking based on greatest employment at the 3-digit NAICS code-level. Greatest employment is ranked 1. Includes persons 14 to 99 years of age in private firms only. Does not include data for Kalawao County]

Rank	NAICS code	County and industry	Average quarterly employment	Average quarterly new hire employment	Average monthly earn-ings ($)	New hire earn-ings ($)
		State	470,893	30,949	3,443	2,206
1	722	Food services and drinking places	56,028	5,236	1,702	1,239
2	561	Administrative and support services	42,530	4,178	2,625	1,913
3	721	Accommodation	35,827	1,631	3,477	3,032
4	541	Professional, scientific, and technical services	24,253	1,399	5,461	4,209
5	621	Ambulatory health care services	23,982	1,364	4,770	2,889
6	238	Specialty trade contractors	14,749	1,043	4,692	3,735
7	622	Hospitals	14,233	420	5,373	4,116
8	624	Social assistance	14,164	937	1,941	1,315
9	445	Food and beverage stores	13,644	847	2,301	1,349
10	452	General merchandise stores	13,502	912	2,345	1,411
		Hawaii County	48,388	3,405	2,894	1,900
1	722	Food services and drinking places	5,428	562	1,612	1,167
2	721	Accommodation	5,182	187	3,226	2,600
3	561	Administrative and support services	3,442	467	2,136	1,538
4	621	Ambulatory health care services	2,745	149	4,061	2,693
5	452	General merchandise stores	2,463	231	2,198	1,401
6	624	Social assistance	2,293	170	1,523	976
7	445	Food and beverage stores	2,219	121	2,322	1,251
8	238	Specialty trade contractors	1,393	96	3,767	2,926
9	713	Amusement, gambling, and recreation industries	1,376	88	3,105	1,954
10	111	Crop Production	1,366	85	1,942	1,540
		City & County of Honolulu	342,800	22,284	3,584	2,277
1	722	Food services and drinking places	39,400	3,506	1,663	1,188
2	561	Administrative and support services	32,858	3,142	2,645	1,982
3	541	Professional, scientific, and technical services	20,924	1,215	5,643	4,363

Continued on next page.

Table 15.24-- TOP INDUSTRIES OF PRIVATE FIRMS, BY COUNTY: 2011-2012 -- Con.

Rank	NAICS code	County and industry	Average quarterly employment	Average quarterly new hire employment	Average monthly earn-ings ($)	New hire earn-ings ($)
		City & County of Honolulu - con.				
4	621	Ambulatory health care services	18,109	1,065	4,789	2,812
5	721	Accommodation	15,722	805	3,470	3,076
6	622	Hospitals	13,166	381	5,353	3,998
7	611	Educational services	11,210	683	3,160	1,658
8	238	Specialty trade contractors	11,167	787	4,986	4,024
9	624	Social assistance	9,756	623	2,027	1,418
10	813	Religious, grantmaking, civic, professional, and similar organizations	9,121	489	2,738	1,851
		Kauai County	22,152	1,414	3,127	2,122
1	721	Accommodation	4,000	189	3,488	3,186
2	722	Food services and drinking places	3,172	313	1,624	1,251
3	561	Administrative and support services	1,858	130	3,383	1,952
4	621	Ambulatory health care services	775	34	6,469	5,217
5	238	Specialty trade contractors	689	45	3,418	2,352
6	452	General merchandise stores	681	24	2,403	1,309
7	445	Food and Beverage Stores	673	73	2,145	1,286
8	713	Amusement, gambling, and recreation industries	671	47	2,482	1,811
9	541	Professional, scientific, and technical services	630	24	4,020	2,878
10	624	Social assistance	477	30	1,940	1,192
		Maui County	57,553	3,846	3,178	2,102
1	721	Accommodation	10,923	451	3,598	2,983
2	722	Food services and drinking places	8,029	855	1,991	1,485
3	561	Administrative and support services	4,371	440	2,501	1,845
4	621	Ambulatory health care services	2,353	117	4,925	3,247
5	445	Food and beverage stores	1,949	132	2,316	1,375
6	111	Crop production	1,713	37	4,292	4,269
7	624	Social assistance	1,640	114	2,028	1,307
8	452	General merchandise stores	1,593	115	2,372	1,383
9	448	Clothing and clothing accessories stores	1,511	150	2,209	1,509
10	238	Specialty trade contractors	1,501	115	3,928	2,983

Source: U.S. Census Bureau, Local Employment Dynamics, Industry Focus <http://lehd.ces.census.gov/applications/industry_focus.html> accessed May 6, 2013.

Table 15.25-- LARGEST PUBLIC AND PRIVATE COMPANIES: 2012

[Ranking based on sales in 2011. Data may include sales and employment on the Mainland or abroad]

Rank in sales	Company	Year founded 1/	Sales (million dollars)	Employees
1	Hawaiian Electric Industries Inc.	2/ 1891/1983	3,242.3	3,654
2	Hawaii Medical Service Assn. (HMSA)	1938	2,643.4	1,532
3	Alexander & Baldwin Inc.	2/ 1870/1900	1,722.4	2,100
4	Hawaiian Airlines Inc.	1929	1,650.5	4,314
5	University of Hawaii	1907	1,534.2	8,411
6	Kaiser Permanente Hawaii	1958	1,064.1	4,478
7	Hawaii Pacific Health	2001	889.0	5,728
8	The Queen's Health Systems	2/ 1859/1985	826.1	5,176
9	Aloha Petroleum, Ltd.	(NA)	822.5	480
10	Servco Pacific Inc.	(NA)	792.0	1,324

NA Not available.

1/ Information on "Year founded" was obtained from previous *Hawaii Business* issues. From the 2009 issue, year founded information was no longer provided in their ranking table.

2/ 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.

Source: *Hawaii Business,* "Hawaii Business Top 250 Companies" (August 2012), p. 80 and various earlier issues.

Table 15.26-- NET INCOME OR LOSS AND TOTAL REVENUES OF SELECTED COMPANIES: 2010 TO 2011

[Based on percentage change in gross annual sales between 2010 and 2011]

Rank	Company	Gross annual sales (million dollars)	
		2011	% change
	Largest percentage increase 1/		
1	Sunetric	132.0	264.3
2	Hawaii Human Resources, Inc. (HiHR)	71.3	161.9
3	Albert C. Kobayashi Inc.	182.0	127.5
4	Parsons	170.0	80.3
5	Ledcor Construction Hawaii LLC	82.0	78.3
6	Grace Pacific Corp.	374.0	72.4
7	Swinerton Builders Hawaii	125.5	71.0
8	Aloha Petroleum, Ltd.	822.5	70.5
9	Maui Petroleum Inc.	76.3	57.4
10	Wells Fargo Advisors, LLC	18.0	55.8
	Largest percentage decrease 1/		
1	Maui Land & Pineapple Co. Inc.	14.5	-65.3

1/ Companies with a change of over 50 percent.
Source: *Hawaii Business,* "Hawaii Business Top 250 Companies" (August 2012), pp. 130-132.

Table 15.27-- NONEMPLOYER STATISTICS, FOR HAWAII AND THE UNITED STATES: 1997 TO 2011

[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). From 2002 to 2006, each firm was classified in accordance with the industry definitions in the 2002 North American Industry Classification System (NAICS) manual. Beginning with the 2007 data year, nonemployer firms are classified according to the 2007 NAICS manual]

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
2007	96,263	4,475,373	21,708,021	991,791,563
2008	93,704	4,334,702	21,351,320	962,791,527
2009 3/ 4/	91,496	4,168,129	21,695,828	923,018,039
2010 3/	92,126	4,065,985	22,110,628	950,813,840
2011 3/	94,118	4,303,253	22,491,080	989,628,512
Economic Census 2007	95,301	4,148,616	21,357,346	972,691,434

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.

3/ For 2009 Nonemployer Statistics data, new cutoffs were carefully researched to more closely depict the Nonemployer business universe and improve the accuracy of the list of firms for sole proprietorships. In addition, improvements were made to filter out likely employers from the corporation and partnership data. When comparing the 2009 and later Nonemployers Statistics data to prior years, these changes in methodology must be taken into consideration.

4/ Revised from previous *Data Book.*

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* for 2003 to 2011 <http://www.census.gov/econ/nonemployer/index.html> accessed June 3, 2013; and 2007 Economic Census, 2007 Survey of Business Owners, Company Statistics Series, SB0700CSA01: U.S. Firms by Geographic Area, Industry, Gender, Ethnicity, and Race: 2007 <http://factfinder.census.gov/servlet/EconSectorServlet?caller=dataset&sv_name= 2007+Survey+of+Business+Owners&_SectorId=*&ds_name=EC0700A1> accessed July 29, 2011.

Table 15.28-- CHARACTERISTICS OF NONEMPLOYER BUSINESSES, BY MAJOR GROUP: 2007

[Data are from the 2007 Economic Census which differs from data in the Census Bureau's annual nonemployers statistics used in other current as well as in previous *Data Book* tables. Data refer to businesses that have no paid employees and are subject to Federal income tax. For the 2007 data year, nonemployer firms are classified according to the 2007 NAICS manual]

2007 NAICS code	Major group	Number of firms 1/	Receipts 2/ ($1,000)
	Total	95,301	4,148,616
11	Agriculture, forestry, fishing and hunting 3/	1,601	55,955
21	Mining, quarrying, and oil and gas extraction	15	1,297
22	Utilities	77	2,687
23	Construction	7,990	541,182
31-33	Manufacturing	2,015	96,961
42	Wholesale trade	2,515	154,966
44-45	Retail trade	9,330	437,736
48-49	Transportation and warehousing 4/	2,553	101,776
51	Information	1,217	52,667
52	Finance and insurance 5/	3,249	203,658
53	Real estate and rental and leasing	11,913	819,392
54	Professional, scientific, and technical services	14,337	550,914
55	Management of companies and enterprises	-	-
56	Administrative and support and waste management and remediation services	7,723	196,653
61	Educational services	2,164	38,128
62	Health care and social assistance	6,899	286,806
71	Arts, entertainment, and recreation	6,433	152,253
72	Accommodation and food services	1,557	84,586
81	Other services (except public administration) 6/	13,713	370,998

Continued on next page.

Table 15.28-- CHARACTERISTICS OF NONEMPLOYER BUSINESSES, BY MAJOR GROUP: 2007 -- Con.

1/ A firm is a business organization or entity consisting of one domestic establishment (location) or more under common ownership or control. A firm without paid employees includes sole proprietors and partners of unincorporated businesses that do not have any other employees on the payroll. All establishments of subsidiary firms are included as part of the owning or controlling firm. For the economic census, the terms "firm" and "company" are synonymous.

2/ Includes sales, receipts, value of shipments.

3/ Crop and Animal Production (NAICS 111 and 112) are out of scope of the 2007 Survey of Business Owners.

4/ Scheduled Passenger Air Transportation (NAICS 481111), Rail Transportation (NAICS 482), and the Postal Service (NAICS 491) are out of scope of the 2007 Survey of Business Owners.

5/ Funds, Trusts, and Other Financial Vehicles (NAICS 525) are out of scope of the 2007 Survey of Business Owners.

6/ Religious, Grantmaking, Civic, Professional, and Similar Organizations (NAICS 813) and Private Households (NAICS 814) are out of scope of the 2007 Survey of Business Owners.

Source: U.S. Census Bureau, 2007 Economic Census, 2007 Survey of Business Owners SB0700CSPRE01: Preliminary Statistics for U.S. Firms by Geographic Area, Industry, Gender, Ethnicity, and Race: 2007 <http://factfinder.census.gov/servlet/EconSectorServlet?caller=dataset&sv_name=2007+Survey+of+Business+Owners&_SectorId=*&ds_name=EC0700A1> accessed July 13, 2010.

Table 15.29-- CHARACTERISTICS OF NONEMPLOYER BUSINESSES, BY MAJOR GROUP: 2009

[Revised. Data refer to businesses that have no paid employees and are subject to federal income tax. Statistics based on the 2007 North American Industry Classification System (NAICS). When comparing the 2009 Nonemployers Statistics data to those in previous *Data Books* containing data prior to the 2009 data, changes in methodology must be taken into consideration]

2007 NAICS code	Major group 1/	Number of firms 2/	Receipts 3/ ($1,000)
	Total	91,496	4,168,129
11	Agriculture, forestry, fishing and hunting	1,725	57,460
21	Mining, quarrying, and oil and gas extraction	15	802
22	Utilities	71	2,975
23	Construction	7,245	451,898
236	Construction of buildings	2,294	164,053
238	Specialty trade contractors	4,845	277,006
31-33	Manufacturing	1,913	71,780
311	Food manufacturing	223	9,604
315	Apparel manufacturing	367	9,217
321	Wood product manufacturing	189	5,335
42	Wholesale trade	2,493	159,335
44-45	Retail trade	8,678	374,534
445	Food and beverage stores	512	46,385
446	Health and personal care stores	528	11,939
448	Clothing and clothing accessories stores	902	60,784
451	Sporting goods, hobby, book, and music stores	531	22,286
454	Nonstore retailers 4/	4,032	85,746
48-49	Transportation and warehousing	2,645	90,779
485	Transit and ground passenger transportation	1,693	45,285
51	Information	1,153	41,055
52	Finance and insurance	2,883	421,052
524	Insurance carriers and related activities	1,674	83,525
53	Real estate and rental and leasing	10,785	804,213
531	Real estate	10,386	775,378
54	Professional, scientific and technical services	13,576	521,231
56	Administrative and support and waste management and remediation services	7,748	195,132
61	Educational services	2,200	39,040
62	Health care and social assistance	7,199	323,560
621	Ambulatory health care services	4,429	249,097
71	Arts, entertainment and recreation	5,636	135,295
711	Performing arts, spectator sports, and related industries	4,824	98,045
72	Accommodation and food services	1,467	100,268
81	Other services (except public administration)	14,064	377,720
812	Personal and laundry services	9,689	240,958

Continued on next page.

Table 15.29-- CHARACTERISTICS OF NONEMPLOYER BUSINESSES, BY MAJOR GROUP: 2009 -- 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/ Includes mail-order houses, vending machine operators, home delivery sales, door-to-door sales, party plan sales, electronic shopping, and sales through portable stalls (e.g., include street vendors, except food).

Source: U.S. Census Bureau, *Nonemployer Statistics: 2009* <http://www.census.gov/econ/nonemployer/> accessed June 3, 2013.

Table 15.30-- CHARACTERISTICS OF NONEMPLOYER BUSINESSES, BY MAJOR GROUP: 2010

[Data refer to businesses that have no paid employees and are subject to federal income tax. Statistics based on the 2007 North American Industry Classification System (NAICS). When comparing the 2010 Nonemployers Statistics data to those prior to the 2009 data, changes in methodology must be taken into consideration]

2007 NAICS code	Major group 1/	Number of firms 2/	Receipts 3/ ($1,000)
	Total	92,126	4,065,985
11	Agriculture, forestry, fishing and hunting	1,742	67,521
21	Mining, quarrying, and oil and gas extraction	20	937
22	Utilities	83	3,554
23	Construction	7,102	424,712
236	Construction of buildings	2,243	164,808
238	Specialty trade contractors	4,752	251,663
31-33	Manufacturing	1,960	77,781
311	Food manufacturing	258	10,850
315	Apparel manufacturing	370	10,584
321	Wood product manufacturing	186	7,059
42	Wholesale trade	2,433	154,758
44-45	Retail trade	8,637	386,220
445	Food and beverage stores	542	47,228
446	Health and personal care stores	537	13,868
448	Clothing and clothing accessories stores	914	60,648
451	Sporting goods, hobby, book, and music stores	500	21,913
454	Nonstore retailers 4/	3,948	89,392
48-49	Transportation and warehousing	2,661	89,822
485	Transit and ground passenger transportation	1,727	47,443
51	Information	1,196	42,597
52	Finance and insurance	2,866	219,764
524	Insurance carriers and related activities	1,765	83,687
53	Real estate and rental and leasing	10,910	850,623
531	Real estate	10,485	821,106
54	Professional, scientific and technical services	13,635	527,074
56	Administrative and support and waste management and remediation services	7,792	197,603
61	Educational services	2,317	38,701
62	Health care and social assistance	7,164	335,451
621	Ambulatory health care services	4,443	261,390
71	Arts, entertainment and recreation	5,656	143,071
711	Performing arts, spectator sports, and related industries	4,824	103,533
72	Accommodation and food services	1,550	105,691
81	Other services (except public administration)	14,402	400,105
812	Personal and laundry services	10,063	254,720

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Table 15.30-- CHARACTERISTICS OF NONEMPLOYER BUSINESSES, BY MAJOR GROUP: 2010 -- 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/ Includes mail-order houses, vending machine operators, home delivery sales, door-to-door sales, party plan sales, electronic shopping, and sales through portable stalls (e.g., include street vendors, except food).

Source: U.S. Census Bureau, Nonemployer Statistics: 2010 <http://www.census.gov/econ/nonemployer/> accessed June 3, 2013.

Table 15.31-- CHARACTERISTICS OF NONEMPLOYER BUSINESSES, BY MAJOR GROUP: 2011

[Data refer to businesses that have no paid employees and are subject to federal income tax. Statistics based on the 2007 North American Industry Classification System (NAICS). When comparing the 2011 Nonemployers Statistics data to those prior to the 2009 data, changes in methodology must be taken into consideration]

2007 NAICS code	Major group 1/	Number of firms 2/	Receipts 3/ ($1,000)
	Total	94,118	4,303,253
11	Agriculture, forestry, fishing and hunting	1,856	69,184
21	Mining, quarrying, and oil and gas extraction	17	741
22	Utilities	83	4,279
23	Construction	7,213	448,753
236	Construction of buildings	2,307	167,359
238	Specialty trade contractors	4,813	271,273
31-33	Manufacturing	2,000	82,985
311	Food manufacturing	268	10,013
315	Apparel manufacturing	355	11,502
321	Wood product manufacturing	189	6,474
42	Wholesale trade	2,549	180,543
44-45	Retail trade	8,827	410,521
445	Food and beverage stores	545	48,763
446	Health and personal care stores	539	14,720
448	Clothing and clothing accessories stores	958	58,281
451	Sporting goods, hobby, book, and music stores	503	25,057
454	Nonstore retailers 4/	4,071	104,102
48-49	Transportation and warehousing	2,746	92,920
485	Transit and ground passenger transportation	1,819	49,175
51	Information	1,155	45,914
52	Finance and insurance	2,830	221,496
524	Insurance carriers and related activities	1,789	84,803
53	Real estate and rental and leasing	10,939	904,270
531	Real estate	10,508	876,430
54	Professional, scientific and technical services	13,875	561,572
56	Administrative and support and waste management and remediation services	7,935	209,079
61	Educational services	2,285	39,301
62	Health care and social assistance	7,332	339,323
621	Ambulatory health care services	4,624	262,405
71	Arts, entertainment and recreation	5,904	155,409
711	Performing arts, spectator sports, and related industries	5,011	109,545
72	Accommodation and food services	1,710	117,866
81	Other services (except public administration)	14,862	419,097
812	Personal and laundry services	10,390	267,664

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Table 15.31-- CHARACTERISTICS OF NONEMPLOYER BUSINESSES, BY MAJOR GROUP: 2011 -- 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/ Includes mail-order houses, vending machine operators, home delivery sales, door-to-door sales, party plan sales, electronic shopping, and sales through portable stalls (e.g., include street vendors, except food).

Source: U.S. Census Bureau, *Nonemployer Statistics: 2011* <http://www.census.gov/econ/nonemployer/> accessed June 3, 2013.

Table 15.32-- SELECTED MINORITY-OWNED BUSINESS ENTERPRISES: 2007

[Hispanic or Latino firms may be of any race and may also be included under that 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	120,374	56,872	11,403	4,374
Sales, receipts, value of shipments ($1,000)	97,093,812	18,154,362	2,378,963	671,678
Firms with paid employees				
Number	25,073	11,218	1,361	370
Sales, receipts, value of shipments ($1,000)	92,945,196	16,371,269	2,031,776	555,191
Employees 3/	495,744	111,924	16,197	3,977
Annual payroll ($1,000)	17,303,335	3,542,812	481,802	113,896
Firms without paid employees				
Number	95,301	45,654	10,042	4,003
Sales, receipts, value of shipments ($1,000)	4,148,616	1,783,093	347,187	116,487

1/ Minority-owned firms are firms in which Blacks, American Indians and Alaska Natives, Asians, Native Hawaiian and Other Pacific Islanders, or Hispanics own 51 percent or more of the equity, interest or stock of the business.

2/ Persons of Hispanic origin may be members of any race.

3/ Pay period including March 12.

Source: U.S. Census Bureau, 2007 Economic Census, Survey of Business Owners, Company Statistics Series, SB0700CSA01: U.S. Firms by Geographic Area, Industry, Gender, Ethnicity, and Race: 2007 <http://factfinder.census.gov/servlet/DatasetMainPageServlet?_program=ECN&_submenuId=datasets_4&_lang=en> accessed June 10, 2011; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 15.33-- ASIAN-OWNED BUSINESSES FOR HAWAII AND THE UNITED STATES: 2007

[Asians own 51 percent or more of the stock or equity of the business. Details may not add to total or subgroup total because a firm could be tabulated in more than one racial group]

Characteristics	All firms		Firms with paid employees			
	Number	Sales/ receipts/ value of shipments ($1,000)	Number	Sales/ receipts/ value of shipments ($1,000)	Employ-ees	Annual payroll ($1,000)
Hawaii	56,872	18,154,362	11,218	16,371,269	111,924	3,542,812
Asian Indian	583	238,858	133	217,164	1,701	40,306
Chinese	13,995	4,181,844	2,749	3,674,141	28,626	786,609
Filipino	10,610	1,071,314	1,042	817,551	8,823	238,267
Japanese	26,707	10,966,566	5,674	10,219,753	61,984	2,164,299
Korean	3,482	1,276,955	1,115	1,095,777	7,852	214,090
Vietnamese	2,493	300,725	408	201,865	1,453	27,311
Other Asian	1,232	156,026	184	128,254	1,051	32,145
United States	1,549,559	506,047,751	397,426	453,574,194	2,807,771	79,230,459
Asian Indian	308,491	151,787,438	109,151	140,241,758	844,177	26,638,526
Chinese	423,650	142,430,082	109,653	127,702,215	781,421	20,709,930
Filipino	163,163	20,119,442	21,067	15,655,435	141,916	4,521,220
Japanese	108,338	39,329,933	22,820	35,887,794	209,250	7,171,622
Korean	192,509	78,265,621	71,411	71,878,029	423,660	10,059,019
Vietnamese	229,159	28,826,762	29,773	21,027,689	164,333	3,741,507
Other Asian	144,484	42,393,393	34,717	37,947,990	241,197	5,830,980
Hawaii as a percent of U.S.	3.7	3.6	2.8	3.6	4.0	4.5

Source: U.S. Census Bureau, 2007 Economic Census, Survey of Business Owners, Company Statistics Series, SB0700CSA01: U.S. Firms by Geographic Area, Industry, Gender, Ethnicity, and Race: 2007 <http://factfinder.census.gov/servlet/DatasetMainPageServlet?_program=ECN&_submenuId=datasets_4&_lang=en> accessed June 10, 2011; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 15.34-- NATIVE HAWAIIAN AND OTHER PACIFIC ISLANDER-OWNED BUSINESSES FOR HAWAII AND THE UNITED STATES: 2007

[Native Hawaiian and Other Pacific Islanders own 51 percent or more of the stock or equity of the business. Details may not add to total or subgroup total because a firm could be tabulated in more than one racial group]

Characteristics	All firms		Firms with paid employees			
	Number	Sales/ receipts/ value of shipments ($1,000)	Number	Sales/ receipts/ value of shipments ($1,000)	Employ-ees	Annual payroll ($1,000)
Hawaii						
Total Native Hawaiian and Other Pacific Islander	11,403	2,378,963	1,361	2,031,776	16,197	481,802
Native Hawaiian	10,538	2,274,681	1,295	1,957,146	15,517	458,819
Guamanian or Chamorro	135	4,032	3	(1/)	(2/)	(1/)
Samoan	444	30,941	8	10,235	76	3,553
Other Pacific Islander	451	85,640	(3/)	(3/)	(3/)	(3/)
United States						
Total Native Hawaiian and Other Pacific Islander	37,687	6,319,357	4,151	5,250,301	37,801	1,217,138
Native Hawaiian	21,141	4,129,776	2,454	3,493,361	25,829	793,267
Guamanian or Chamorro	3,616	623,211	486	546,654	3,954	177,249
Samoan	3,008	379,997	350	281,241	1,894	57,712
Other Pacific Islander	8,956	1,216,903	904	966,932	7,274	202,557
Hawaii as a percent of U.S.	30.3	37.6	32.8	38.7	42.8	39.6

1/ Withheld to avoid disclosing data for individual companies; data are included in higher level totals

2/ 0 to 19 employees.

3/ Estimates are suppressed when publication standards are not met, such as the relative standard error of the sales and receipts is 50 percent or more

Source: U.S. Census Bureau, 2007 Economic Census, Survey of Business Owners, Company Statistics Series, SB0700CSA01: U.S. Firms by Geographic Area, Industry, Gender, Ethnicity, and Race: 2007 <http://factfinder.census.gov/servlet/DatasetMainPageServlet?_program=ECN&_submenuId=datasets_4&_lang=en> accessed June 10, 2011; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 15.35-- WOMEN-OWNED BUSINESSES FOR HAWAII AND THE UNITED STATES: 2007

[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 are counted and tabulated as a separate entity]

Subject	Total 1/	Women-owned firms 2/	Percent women-owned
Hawaii			
All firms			
Number	120,374	37,343	31.0
Sales, receipts, value of shipments ($1,000)	97,093,812	4,933,768	5.1
Firms with paid employees			
Number	25,073	4,401	17.6
Sales, receipts, value of shipments ($1,000)	92,945,196	3,881,271	4.2
Employees 3/	495,744	37,360	7.5
Annual payroll ($1,000)	17,303,335	951,254	5.5
Firms without paid employees			
Number	95,301	32,942	34.6
Sales, receipts, value of shipments ($1,000)	4,148,616	1,052,498	25.4
United States			
All firms			
Number	27,092,908	7,792,115	28.8
Sales, receipts, value of shipments ($1,000)	30,031,519,910	1,196,608,004	4.0
Firms with paid employees			
Number	5,735,562	909,661	15.9
Sales, receipts, value of shipments ($1,000)	29,058,828,476	1,014,366,348	3.5
Employees 3/	117,310,118	7,520,121	6.4
Annual payroll ($1,000)	4,822,816,636	214,673,400	4.5
Firms without paid employees			
Number	21,357,346	6,882,453	32.2
Sales, receipts, value of shipments ($1,000)	972,691,434	182,241,656	18.7

1/ All firms whether or not they are owned by women.
2/ Women own 51 percent or more of the interest or stock of the business.
3/ Pay period including March 12.

Source: U.S. Census Bureau, 2007 Economic Census, Survey of Business Owners, Company Statistics Series, SB0700CSA01: U.S. Firms by Geographic Area, Industry, Gender, Ethnicity, and Race: 2007 <http://factfinder.census.gov/servlet/DatasetMainPageServlet?_program=ECN&_submenuId=datasets_4&_lang=en> accessed June 10, 2011; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 15.36-- BUSINESS INQUIRIES AND COMPLAINTS THROUGH THE BETTER BUSINESS BUREAU, BY TYPE OF INDUSTRY: 2012

Type of industry 1/	Number of inquiries	Type of industry 1/	Number of com-plaints	Average settlement per consumer complaint (dollars)
Contractors - general	21,010	Auto dealers - new cars 2/	80	5,106.12
Roofing contractors	17,048	Airlines	68	154.22
Electricians	14,844	Toys - retail	64	80.21
Plumbing contractors	14,775	Travel clubs	53	4,291.19
Travel agencies & bureaus	11,633	Auto renting & leasing	44	337.27
Solar energy system design & installation	11,382	Auto dealers - used cars	37	2,677.92
Pest control services	10,856	Banks	33	1,069.54
Property management	10,553	Hotels	32	541.14
Construction & remodeling services	10,210	Resorts	31	1,542,420.02
Real estate	10,122	Restaurants	29	95.38
Dating service	9,491	Property management	27	2,130.44
Auto body repair & painting	9,230	Jewelers - retail	25	623.96
Wedding consultants	8,947	Electric companies	25	481.20
Auto repair & service	8,854	Television stations & broadcast companies	23	102.83
Solar energy equipment & systems dealers	8,196	Auto repair & service	20	2,355.47
Mortgage brokers	7,179	Real estate	20	4,523.75
Jewelers - retail	6,961	Contractors - general	18	12,944.59
Painting contractors	6,852	Plumbing contractors	18	547.29
Vacation rentals	6,732	Video tapes & discs sales & rentals	16	470.71
Charity - local	6,410	Telephone companies	16	301.00
Travel clubs	6,374	Furniture - retail	15	1,520.60
Air conditioning contractors & systems	6,302	Mopeds	15	640.83
Building contractors	6,235	Towing - automotive	15	472.89
Landscape contractors	5,488	Solar energy equipment & systems dealers	15	2,937.50
Insurance services	5,404	Vacation rentals	14	1,122.07

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: 2012,* Section 24.

Table Number **Table Name**

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Narrative

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Table 16.01-- INFORMATION ESTABLISHMENTS (NAICS 51): 2010

[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 establish-ments	No. of paid employees for pay period including March 12	Annual payroll ($1,000)
51	Information	543	8,802	466,022
511	Publishing industries (except internet)	94	1,851	84,139
5111	Newspaper, periodical, book, directory publishers	81	1,729	73,128
5112	Software publishers	13	122	11,011
512	Motion picture & sound recording industries	108	1,151	19,252
5121	Motion picture & video industries	92	1,069	16,305
5122	Sound recording industries	16	82	2,947
515	Broadcasting (except internet)	55	919	47,610
5151	Radio & television broadcasting	53	917	47,445
517	Telecommunications	212	4,002	265,976
5171	Wired telecommunications carriers	112	2,957	206,532
5172	Wireless telecommunications carriers (except satellite)	81	989	56,200
5174	Satellite telecommunications	5	(1/)	(D)
5179	Other telecommunications	14	(1/)	(D)
518	Data processing, hosting and related services	55	765	43,439
5182	Data processing, hosting, & related services	55	765	43,439
519	Other information services	19	114	5,606

D Withheld to avoid disclosing data of individual companies; data are included in higher level totals.
1/ Employment-size class, 20 to 99 employees.
Source: U.S. Census Bureau, *2010 County Business Patterns* <http://censtats.census.gov/cgi-bin/cbpnaic/cbpdetl.pl> accessed February 11, 2013.

Table 16.02-- INFORMATION (NAICS 51), BY KIND OF BUSINESS OR OPERATION: 2007

[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	Establish-ments (number)	Receipts ($1,000)	Annual payroll ($1,000)	Paid employees, pay period including March 12 (number)
51	Information	622	(NA)	509,771	10,083
511	Publishing industries (except Internet)	108	524,521	126,210	2,409
5111	Newspaper, periodical, book, and directory publishers	93	477,746	113,321	2,340
5112	Software publishers	15	46,775	12,889	69
512	Motion picture and sound recording industries	121	(NA)	18,430	1,080
5121	Motion picture and video industries	102	(NA)	15,204	1,005
5122	Sound recording industries	19	(NA)	3,226	75
515	Broadcasting (except Internet)	57	132,995	47,702	1,012
5151	Radio and television broadcasting	56	(D)	(D)	(1/)
5152	Cable and other subscription programming	1	(D)	(D)	(2/)
517	Telecommunications	240	(NA)	268,516	4,672
5171	Wired telecommunications carriers	131	(NA)	210,786	3,539
5172	Wireless telecommunications carriers (except satellite)	83	(3/)	49,576	960
5174	Satellite telecommunications	8	17,886	4,550	75
5179	Other telecommunications	18	9,228	3,604	98
518	Data processing, hosting and related services	73	109,373	44,057	797
5182	Data processing, hosting, and related services	73	109,373	44,057	797
519	Other information services	23	14,518	4,856	113
5191	Other information services	23	14,518	4,856	113

Continued on next page.

Table 16.02 -- INFORMATION (NAICS 51), BY KIND OF BUSINESS OR OPERATION: 2007 -- Con.

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.
Source: U.S. Census Bureau, 2007 Economic Census, Sector 51: EC0751A1: Information: Geographic Area Series, Summary Statistics for the United States, States, Metro Areas, Counties, and Places: 2007, Hawaii <http://factfinder.census.gov/servlet/IBQTable?_bm=y&-geo_id=04000US15&-fds_name=EC0700A1&-ds_name=EC0751A1&-_lang=en> accessed April 13, 2010.

Table 16.03-- INFORMATION (NAICS 51), BY COUNTY AND SELECTED URBAN PLACE: 2007

[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, pay period including March 12 (number)
State total	622	(NA)	509,771	10,083
Hawaii County	65	(NA)	31,468	736
Hilo	22	(NA)	16,563	369
Holualoa	4	(NA)	(D)	(1/)
Kailua	17	(NA)	9,391	254
Kalaoa	2	(NA)	(D)	(2/)
Waimea	4	(NA)	(D)	(1/)
Balance of Hawaii County 3/	16	(NA)	(D)	(2/)
Honolulu County	456	(NA)	436,067	8,318
Ahuimanu	2	(NA)	(D)	(2/)
Aiea	3	(NA)	(D)	(2/)
Ewa Beach	2	(NA)	(D)	(1/)
Halawa	2	(NA)	(D)	(2/)
Honolulu	341	(NA)	297,655	5,655
Kailua	13	(NA)	1,159	43
Kaneohe	11	(NA)	3,000	121
Kaneohe Station	1	(NA)	(D)	(1/)
Makaha	1	(NA)	(D)	(1/)
Mililani Town	7	(NA)	1,323	75
Nanakuli	1	(NA)	(D)	(1/)
Pearl City	6	(NA)	3,840	97
Schofield Barracks	2	(NA)	(D)	(1/)
Village Park	2	(NA)	(D)	(1/)
Wahiawa	3	(NA)	(D)	(2/)
Waianae	1	(NA)	(D)	(1/)
Waimalu	13	(NA)	4,972	166
Waipahu	4	(NA)	860	24
Waipio	4	(NA)	(D)	(4/)
Balance of Honolulu County 5/	37	(NA)	(D)	(6/)

Continued on next page.

Table 16.03-- INFORMATION (NAICS 51), BY COUNTY AND SELECTED URBAN PLACE: 2007 -- Con.

Geographic area	Number of establishments	Sales ($1,000)	Annual payroll ($1,000)	Paid employees, pay period including March 12 (number)
Kauai County	26	(NA)	10,848	266
Kapaa	4	(NA)	(D)	(1/)
Lihue	10	(NA)	7,972	172
Balance of Kauai County 7/	12	(NA)	(D)	(2/)
Maui County	75	(NA)	31,388	763
Haiku-Pauwela	3	(NA)	(D)	(1/)
Island of Lana'i	1	(NA)	(D)	(1/)
Island of Moloka'i	3	(NA)	(D)	(1/)
Kahului	22	(NA)	21,112	488
Kihei	14	(NA)	1,729	62
Lahaina	8	(NA)	3,126	66
Makawao	3	(NA)	(D)	(1/)
Pukalani	2	(NA)	(D)	(1/)
Wailuku	11	(NA)	3,913	101
Balance of Maui County 8/	8	(NA)	(D)	(1/)

D Withheld to avoid disclosing data for individual companies.
NA Not available.
1/ 0 to 19 employees.
2/ 20 to 99 employees.
3/ Includes Captain Cook, Hawaiian Beaches, Mountain View and Waikoloa Village CDPs.
4/ 500 to 999 employees.
5/ Includes Ewa Gentry, Ewa Villages, Hauula, Heeia, Kahaluu, Laie, Maunawili, Pupukea, Waialua, Waimanalo, Waimanalo Beach, Wheeler AFB, and Whitmore Village CDPs.
6/ 1,000 to 2,499 employees.
7/ Includes Hanamaulu, Kalaheo, Kekaha, and Wailua Homesteads CDPs.
8/ Includes Kaunakakai CDP.
Source: U.S. Census Bureau, 2007 Economic Census, Sector 51: EC0751A1: Information: Geographic Area Series, Summary Statistics for the United States, States, Metro Areas, Counties, and Places: 2007, <http://factfinder.census.gov/servlet/EconSectorServlet?caller=dataset&sv_name=*&_SectorId=51&ds_name=EC0700A1&_lang=en&_ts=289408839998> accessed April 15, 2010.

Table 16.04-- NUMBER OF POST OFFICES AND STATIONS, BY ISLAND: SEPTEMBER 30, 2012

Island	Total	Cost Ascertainment Group (CAG) 1/				Stations	
		A-G 2/	H-J 3/	K 4/	L 5/	Classified 6/	Contract 7/
State total	112	36	29	6	-	23	18
Hawaii	32	9	14	2	-	2	5
Maui	11	9	1	-	-	1	-
Lanai	1	-	1	-	-	-	-
Molokai	5	1	2	2	-	-	-
Oahu	45	12	4	-	-	18	11
Kauai	18	5	7	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 2012

[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
2008	72	46	220,775	536
2009	72	46	251,116	483
2010	72	46	247,727	446
2011	70	43	201,560	595
2012	71	41	202,658	574

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: 1999 TO 2011

Subject	Number or percent
Telecommunications revenues (million dollars)	
1999	1,009
2000	1,177
2001	1,207
2002	1,200
2003	1,212
2004	1,196
2005	1,229
2006	1,184
2007	1,261
Telephone penetration 1/	
1999	96.3
2000	94.7
2001	95.7
2002	96.8
2003	97.3
2004	95.4
2005	94.8
2006	95.5
2007	96.0
2008	96.5
2009	97.7
2010	95.7
July 2011	94.9
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	934,405
Dec. 2005	983,227
June 2006	1,010,341
Dec. 2006	1,034,788
June 2007	1,066,608
Dec 2008	1,184 (1,000s)

1/ Annual average percentage of households with telephone service.

Source: Federal Communications Commission, *Trends in Telephone Service* <http://hraunfoss.fcc.gov/edocs_public/attachmatch/DOC-301823A1.pdf> accessed June 29, 2012, and various issues; and *Telephone Subscribership in the United States* <http://hraunfoss.fcc.gov/edocs_public/attachmatch/DOC-311523A1.pdf> accessed July 17, 2013.

Table 16.07-- PERCENT OF HOUSEHOLDS WITH A TELEPHONE, COMPUTER, AND INTERNET USE: 1997 TO 2010

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
2007	(NA)	(NA)	(NA)	(NA)	1/ 61.7	1/ 64.1
2009	(NA)	(NA)	(NA)	(NA)	1/ 68.7	1/ 73.3
2010	(NA)	(NA)	(NA)	(NA)	1/ 71.06	1/ 71.09

NA Not available.

1/ In the home usage.

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; U.S. Census Bureau, *Statistical Abstract of the United States: 2004-2005* (p. 732); U.S. Census Bureau, *Statistical Abstract of the United States: 2009* (p. 710) <http://www.census.gov/prod/2008pubs/09statab/infocomm.pdf> accessed June 3, 2009; U.S. Census Bureau, *Statistical Abstract of the United States: 2011* (p. 724) <http://www.census.gov/prod/2011pubs/11statab/infocomm.pdf> accessed April 15, 2011 and U.S. Census Bureau, *Statistical Abstract of the United States: 2012* (p. 724) <http://www.census.gov/prod/2011pubs/12statab/infocomm.pdf> accessed April 25, 2012.

Table 16.08-- STATUS OF TELEPHONE USAGE OF HOUSEHOLD POPULATION: 2011

[Percent of persons living in household, period ending June]

Year	Adults aged 18 years and over	Children under age 18 years
Wireless-only	26.0	35.6
Wireless-mostly	15.6	21.6
Dual-use	36.5	33.0
Landline-mostly	10.1	1/ 4.2
Landline-only	9.9	(2/)
No telephone service 3/	1.9	2.5

1/ Estimate has relative standard error greater than 30% and less than or equal to 50% and is considered unreliable.

2/ Estimate has relative standard error greater than 50% and is not shown.

3/ The proportion of children living in households with no telephone service was not modeled. Other proportions were adjusted so that this estimate agreed with the 2010 American Community Survey estimate for this proportion.

Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Health Statistics, *National Health Statistics Reports, Wireless Substitution: State-level Estimates From the National Health Interview Survey,* 2010-2011 (Number 61), Tables 2 and 3 <http://www.cdc.gov/nchs/data/nhsr/nhsr061.pdf> accessed June 24, 2013.

Table 16.09-- STATUS OF WIRELESS TELEPHONE USAGE OF HOUSEHOLD POPULATION: 2007 TO 2011

[Percent of persons living in household]

Year	Adults aged 18 years and over	Children under age 18 years
January - December 2007	9.3	1/ 7.5
July 2007 - June 2008	10.5	11.1
January - December 2008	12.6	14.6
July 2008 - June 2009	15.6	16.1
January - December 2009	19.7	20.4
July 2009 - June 2010	21.8	23.6
January - December 2010	23.1	29.0
July 2010 - June 2011	24.8	34.2
January - December 2011	26.0	35.6

1/ Estimate has a relative standard error greater than 30% and does not meet National Center for Health Statistics standards for reliability or precision.

Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Health Statistics, *National Health Statistics Reports, Wireless Substitution:* State-level *Estimates From the National Health Interview Survey,* January 2007-June 2010: April 20, 2011 (Number 39), Tables 1 and 2 <http://www.cdc.gov/nchs/data/nhsr/nhsr039.pdf> accessed July 7, 2011 and 2010-2011: October 12, 2012 (Number 61), Table 1 <http://www.cdc.gov/nchs/data/nhsr/nhsr061.pdf> accessed June 24, 2013.

Table 16.10-- CABLE TELEVISION SYSTEMS, SUBSCRIBERS, AND REVENUES, BY COUNTY: 2003 TO 2012

[As of December 31]

Category and year	State	County			
		Hawaii	Maui	Honolulu	Kauai
Number of systems					
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
2008	1/ 6	2	2	1	1
2009	1/ 6	2	2	1	1
2010	1/ 6	2	2	1	1
2011	1/ 7	2	2	2	1
2012	1/ 7	2	2	2	1
Subscribers					
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
2008	414,019	48,413	54,569	287,429	23,608
2009	413,373	48,149	54,447	287,266	23,511
2010	410,347	48,073	53,519	284,945	23,810
2011	403,515	47,041	53,014	279,730	23,730
2012	(D)	(D)	(D)	(D)	(D)
Basic service revenue ($1,000)					
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
2008	181,359	21,764	23,381	125,251	10,963
2009	187,954	22,340	24,034	130,298	11,281
2010	188,374	22,554	24,350	129,900	11,568
2011	195,002	23,763	25,127	133,934	12,176
2012	199,917	24,775	26,298	136,067	12,777

D Data not shown separately to avoid disclosure of individual operations.

1/ Oceanic Time Warner Cable of Hawaii has 6 systems. Hawaiian Telcom Services Co. has 1 system.

Source: Hawaii State Department of Commerce and Consumer Affairs, Cable Television Division, records.

Table 16.11-- RADIO AND TELEVISION BROADCASTING STATIONS IN OPERATION, 1930 TO 2013, AND BY COUNTY, 2013

Date and county	Commercial			Public or educational		
	AM	FM	TV 1/	AM	FM	TV 1/
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
2009: June 2	32	56	13	-	11	1
2010: June 22	32	57	21	-	11	1
2011: June 28	32	57	23	-	13	2
2012: June 13	33	57	24	-	13	2
2013: June 25	33	61	30	-	15	2
COUNTY: 2013						
Hawaii	7	17	8	-	4	-
Maui	5	13	5	-	3	1
Honolulu	19	24	17	-	6	1
Kauai	2	7	-	-	2	-

1/ Includes licensed stations that are digital 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 2005-13) <http://www.fcc.gov/encyclopedia/audio-division-media-bureau> accessed June 25, 2013.

Table 16.12-- 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; and Helen G. Chapin, *Guide to Newspapers of Hawai'i 1834-2000* (Hawaiian Historical Society, 2000).

Table 16.13-- 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; and Helen G. Chapin, *Guide to Newspapers of Hawai'i 1834-2000* (Hawaiian Historical Society, 2000), pp. 127-226.

Table 16.14-- AVERAGE PAID CIRCULATION OF DAILY AND SUNDAY ENGLISH-LANGUAGE NEWSPAPERS: 2008-2009 TO 2011-2012

[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	2008-2009	2009-2010	2010-2011	2011-2012
Daily				
The Honolulu Advertiser	131,259	(1/)	(NA)	(NA)
Honolulu Star-Advertiser	(NA)	120,078	121,921	123,400
Honolulu Star-Bulletin	(NA)	(1/)	(NA)	(NA)
Hawaii Tribune-Herald (Hilo)	18,571	17,409	16,924	16,152
West Hawaii Today (Kailua-Kona)	(NA)	(NA)	(NA)	(NA)
Maui News (Wailuku)	(NA)	18,770	18,247	17,521
Garden Island (Lihue)	(NA)	(NA)	11,257	(NA)
Sunday morning				
The Honolulu Advertiser	139,630	(1/)	(NA)	(NA)
Honolulu Star-Advertiser	(NA)	132,281	136,179	138,055
Honolulu Star-Bulletin	(NA)	(1/)	(NA)	(NA)
Hawaii Tribune-Herald (Hilo)	20,819	19,726	19,258	19,090
West Hawaii Today (Kailua-Kona)	(NA)	(NA)	(NA)	(NA)
Maui News (Wailuku)	(NA)	20,886	20,590	19,809
Garden Island (Lihue)	(NA)	(NA)	8,888	(NA)

NA Not available.

1/ *The Honolulu Advertiser* and *Honolulu Star Bulletin* merged on June 7, 2010 to form the *Honolulu Star-Advertiser*.

Source: Data provided by newspaper publishers to Hawaii State Department of Business, Economic Development & Tourism.

Table 16.15-- POSTAGE RATES AND NEWSPAPER PRICES, FOR HONOLULU: 1996 TO 2013

[In cents. As of July 1 unless otherwise specified]

Year	Domestic first-class postage rates			Newspaper price 1/			
	Letters				Sunday		
	First ounce	Each added ounce	Postal and post cards	Daily	*The Honolulu Star Advertiser*	*The Honolulu Advertiser*	*Honolulu Star-Bulletin*
1996	32	23	20	50	(X)	175	(X)
1997	32	23	20	50	(X)	175	(X)
1998	32	23	20	50	(X)	175	(X)
1999	33	22	20	50	(X)	175	(X)
2000	33	22	20	50	(X)	175	(X)
2001	34	23	21	50	(X)	175	(X)
2002	37	23	23	50	(X)	175	75
2003	37	23	23	50	(X)	175	75
2004	37	23	23	50	(X)	175	75
2005	37	23	23	50	(X)	175	75
2006	39	24	24	50	(X)	175	75
2007	41	2/ 17	26	50	(X)	175	75
2008	42	2/ 17	27	50	(X)	175	75
2009	44	3/ 17	28	(4/)	(X)	200	100
2010	44	3/ 17	28	(4/)(5/)	(X)	5/ 200	5/ 100
2011	44	6/ 20	29	75	200	(X)	(X)
2012	45	7/ 20	32	75	200	(X)	(X)
2013	46	8/ 20	33	100	225	(X)	(X)

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.

3/ For weight not over 2 ounces $0.61, for weight not over 3 ounces $0.78, for weight not over 3.5 ounces $0.95, and for weights over 3.5 ounces flat-size rates are used.

4/ $0.75 for *The Honolulu Advertiser* , $0.50 for *The Honolulu Star-Bulletin* .

5/ As of June 4, 2010 for Daily and as of June 6, 2010 for Sunday paper. Star-Advertiser emerged from the sale of The Honolulu Advertiser to the Honolulu Star-Bulletin on June 7, 2010.

6/ For weight not over 2 ounces $0.64, for weight not over 3 ounces $0.84, for weight not over 3.5 ounces $1.04, and for weights over 3.5 ounces flat-size rates are used.

7/ For weight not over 2 ounces $0.65, for weight not over 3 ounces $0.85, for weight not over 3.5 ounces $1.05, and for items over 3.5 ounces, large envelope or package prices are used.

8/ For weight not over 2 ounces $0.66, for weight not over 3 ounces $0.86, for weight not over 3.5 ounces $1.06, and for items over 3.5 ounces, large envelope or package prices 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/prices/first-class-mail-prices.htm>. Newspaper rates from *The Honolulu Advertiser* and Oahu Publications and Hawaii State Department of Business, Economic Development & Tourism survey.

Table 16.16-- BOOKS AND SCHOLARLY JOURNALS PUBLISHED BY THE UNIVERSITY OF HAWAII PRESS: 1991 TO 2012

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
2008	2,401	1,396	73	14	257,537	3,735,513
2009	2,497	1,477	90	14	225,861	3,271,155
2010	2,559	1,485	58	14	207,283	3,277,930
2011	2,636	1,539	77	14	210,459	3,135,110
2012	2,710	1,591	74	15	233,994	3,221,734

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: 2012,* Sections 16 and 19.

Table Number **Table Name**

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Narrative

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Table 17.01-- CONSUMPTION OF ENERGY, BY SOURCE (PHYSICAL UNITS): 1960 TO 2010

Year	Coal (1,000 short tons)	Natural gas 1/ (billion cubic feet)	Petroleum (1,000 barrels)	Hydroelectric power 2/ (million kWh)	Fuel ethanol 3/
1960	-	-	16,844	27	(NA)
1961	-	-	20,074	24	(NA)
1962	-	-	19,015	20	(NA)
1963	-	-	19,931	23	(NA)
1964	-	-	21,257	115	(NA)
1965	-	-	22,478	105	(NA)
1966	-	-	25,113	112	(NA)
1967	-	-	28,252	108	(NA)
1968	-	-	31,456	94	(NA)
1969	-	-	33,007	100	(NA)
1970	-	-	34,105	108	(NA)
1971	-	-	36,734	89	(NA)
1972	-	-	37,753	91	(NA)
1973	-	-	38,826	95	(NA)
1974	-	-	36,739	92	(NA)
1975	-	-	37,097	89	(NA)
1976	-	-	38,047	93	(NA)
1977	-	-	40,326	86	(NA)
1978	-	-	40,945	84	(NA)
1979	-	-	44,660	90	(NA)
1980	-	3	43,562	86	(NA)
1981	-	3	38,811	80	4
1982	47	3	35,706	90	1
1983	42	3	36,291	84	-
1984	38	2	37,297	82	-
1985	46	2	40,006	86	-
1986	16	2	39,044	78	-
1987	63	3	39,389	82	-
1988	50	3	45,902	81	-
1989	32	3	48,021	56	-
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	39,829	115	-
1998	822	3	40,493	121	-
1999	801	3	39,662	115	-
2000	816	3	40,591	103	-

Continued on next page.

Table 17.01-- CONSUMPTION OF ENERGY, BY SOURCE (PHYSICAL UNITS): 1960 TO 2010-- Con.

Year	Coal (1,000 short tons)	Natural gas 1/ (billion cubic feet)	Petroleum (1,000 barrels)	Hydroelectric power 2/ (million kWh)	Fuel ethanol 3/
2001	829	3	41,479	101	-
2002	748	3	44,772	95	-
2003	837	3	46,686	91	-
2004	857	3	49,098	94	-
2005	805	3	51,267	96	341
2006	778	3	4/ 51,564	120	390
2007	850	3	4/ 52,905	92	497
2008	937	3	4/ 42,605	84	918
2009	878	3	4/ 40,908	113	1,051
2010	803	3	41,481	70	1,250

NA Not available.
1/ Includes supplemental gaseous fuels.
2/ Conventional hydroelectric power. Does not include pumped-storage hydroelectricity.
3/ Includes denaturant.
4/ Revised from previous *Data Book.*
Source: U.S. Department of Energy, Energy Information Administration, State Energy Data System (SEDS) Table CT1. Energy Consumption Estimates for Major Energy Sources in Physical Units, 1960-2010, Hawaii <http://www.eia.gov/state/seds/data.cfm?incfile=/state/seds/sep_use/total/use_tot_HIa.html&sid=HI> accessed April 30, 2013.

Table 17.02-- CONSUMPTION OF ENERGY, BY SOURCE: 1960 TO 2010

[Trillion Btu]

		Fossil fuels			Renewable energy					Fossil fuels (as commingled)	
Year	Total 1/	Coal	Natural gas 2/	Petro-leum	Hydro-electric power 3/	Biomass	Geo-thermal	Solar/PV 4/	Wind	Natural Gas 2/ 5/	Motor Gasoline 2/ 6/
1960	94.9	-	-	94.6	0.3	-	-	(NA)	(NA)	-	18.0
1961	113.8	-	-	113.5	0.3	-	-	(NA)	(NA)	-	18.6
1962	108.3	-	-	108.1	0.2	-	-	(NA)	(NA)	-	19.5
1963	114.3	-	-	113.9	0.2	0.2	-	(NA)	(NA)	-	19.7
1964	123.5	-	-	122.1	1.2	0.2	-	(NA)	(NA)	-	20.3
1965	130.6	-	-	129.3	1.1	0.2	-	(NA)	(NA)	-	21.4
1966	145.5	-	-	144.2	1.2	0.1	-	(NA)	(NA)	-	22.6
1967	163.9	-	-	162.5	1.1	0.3	-	(NA)	(NA)	-	23.8
1968	182.8	-	-	181.1	1.0	0.7	-	(NA)	(NA)	-	25.6
1969	190.9	-	-	189.1	1.0	0.7	-	(NA)	(NA)	-	27.2
1970	197.0	-	-	195.4	1.1	0.4	-	(NA)	(NA)	-	29.9
1971	211.7	-	-	210.4	0.9	0.3	-	(NA)	(NA)	-	30.8
1972	218.1	-	-	216.6	0.9	0.6	-	(NA)	(NA)	-	32.6
1973	224.3	-	-	222.8	1.0	0.5	-	(NA)	(NA)	-	34.7
1974	212.1	-	-	210.6	1.0	0.6	-	(NA)	(NA)	-	34.4
1975	214.4	-	-	212.9	0.9	0.6	-	(NA)	(NA)	-	35.5
1976	7/ 220.1	-	-	218.4	1.0	0.7	-	(NA)	(NA)	-	36.9
1977	7/ 233.4	-	-	7/ 232.0	0.9	0.5	-	(NA)	(NA)	-	38.9
1978	7/ 237.0	-	-	7/ 235.8	0.9	0.3	-	(NA)	(NA)	-	40.1
1979	7/ 256.7	-	-	7/ 255.4	0.9	0.3	-	(NA)	(NA)	-	39.4
1980	7/ 262.5	-	-	249.6	0.9	11.9	-	(NA)	(NA)	3.0	38.0
1981	7/ 236.8	-	-	223.2	0.8	12.7	-	(NA)	(NA)	2.8	37.7
1982	218.3	1.1	-	7/ 203.8	0.9	12.4	-	(NA)	(NA)	2.8	38.1
1983	221.3	1.0	-	205.4	0.9	14.0	-	(NA)	-	2.7	38.0
1984	232.4	0.9	-	216.1	0.9	14.3	0.2	-	-	2.4	39.5
1985	7/ 248.6	1.1	-	232.1	0.9	14.2	0.2	-	-	2.7	39.9
1986	245.3	0.4	-	227.6	0.8	16.3	0.2	-	-	2.7	41.4
1987	7/ 249.5	1.6	0.2	228.9	0.9	17.8	0.1	-	-	2.8	43.0
1988	289.7	1.2	-	268.0	0.8	19.4	0.2	-	-	2.8	44.5
1989	309.8	0.8	-	280.1	0.6	27.0	0.1	0.8	0.3	2.9	46.0
1990	321.4	0.7	-	7/ 292.8	0.8	25.9	(8/)	0.9	0.3	3.0	45.5
1991	7/ 295.2	1.1	-	7/ 266.6	0.7	25.4	(8/)	1.0	0.4	2.9	47.1
1992	7/ 306.1	6.8	-	7/ 272.5	0.6	24.9	(8/)	1.0	0.2	2.9	46.6
1993	283.1	15.6	-	239.7	0.6	24.4	1.6	1.1	0.2	2.8	47.6
1994	299.4	15.7	-	7/ 258.2	1.4	20.7	1.9	1.1	0.2	2.9	48.9
1995	297.1	19.9	-	7/ 252.5	1.0	19.8	2.4	1.2	0.2	2.9	49.1
1996	283.3	20.4	-	7/ 238.8	1.1	19.1	2.5	1.2	0.2	2.8	48.9
1997	273.6	20.5	-	7/ 230.6	1.2	17.4	2.5	1.3	0.2	2.7	48.8
1998	7/ 273.6	18.2	-	7/ 233.6	1.2	16.5	2.4	1.3	0.2	2.8	48.7
1999	7/ 269.5	17.7	-	7/ 230.0	1.2	17.0	2.2	1.3	0.2	2.9	46.7
2000	7/ 273.5	17.7	0.1	7/ 235.3	1.1	15.2	2.7	1.3	0.2	3.0	48.4

Continued on next page.

Table 17.02-- CONSUMPTION OF ENERGY, BY SOURCE: 1960 TO 2010-- Con.

[Trillion Btu]

		Fossil fuels			Renewable energy					Fossil fuels (as commingled)	
Year	Total 1/	Coal	Natural gas 2/	Petro-leum	Hydro-electric power 3/	Biomass	Geo-thermal	Solar/PV 4/	Wind	Natural Gas 2/ 5/	Motor Gasoline 2/ 6/
2001	7/ 270.3	17.8	0.1	7/ 239.9	1.0	7.9	2.1	1.3	(8/)	2.9	50.6
2002	7/ 284.9	16.6	0.1	7/ 257.6	1.0	7.5	0.7	1.3	(8/)	2.9	54.3
2003	7/ 301.4	19.3	0.1	7/ 268.6	0.9	9.3	1.8	1.4	(8/)	2.9	55.2
2004	7/ 316.4	19.3	0.2	283.0	0.9	9.3	2.1	7/ 1.4	0.1	2.9	56.0
2005	7/ 326.6	18.0	0.2	7/ 294.1	1.0	9.6	2.2	7/ 1.5	0.1	2.9	57.3
2006	7/ 329.3	17.5	0.2	7/ 295.9	1.2	9.9	2.1	7/ 1.7	0.8	2.9	60.2
2007	341.0	19.0	0.2	7/ 304.7	0.9	9.7	2.3	7/ 1.9	2.4	3.0	59.2
2008	7/ 281.7	20.2	0.1	7/ 241.7	0.8	11.8	2.3	2.4	2.4	2.8	55.7
2009	7/ 270.5	19.0	0.2	7/ 231.3	1.1	12.0	1.6	2.8	2.5	2.7	7/ 56.1
2010	272.2	17.1	0.2	234.3	0.7	11.9	2.0	3.6	2.5	2.5	51.8

NA Not available.

1/ Excluding fossil fuels as commingled.

2/ Supplemental gaseous fuels (SGF) and fuel ethanol are consumed with natural gas and motor gasoline, respectively. On this table, natural gas excluding SGF and motor gasoline excluding fuel ethanol are presented so that a fossil fuel total can be calculated. Natural gas including SGF and motor gasoline including fuel ethanol are presented separately for reference.

3/ Conventional hydroelectric power. Does not include pumped-storage hydroelectricity.

4/ Solar thermal and photovoltaic energy.

5/ Including Supplemental Gaseous Fuels.

6/ Including Fuel Ethanol.

7/ Revised from previous *Data Book.*

8/ Value less than +0.05 and greater than -0.05.

Source: U.S. Department of Energy, Energy Information Administration, State Energy Data System (SEDS) Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2010, Hawaii <http://www.eia.gov/state/seds/data.cfm?incfile=/state/seds/sep_use/total/use_tot_HIcb.html&sid=HI> accessed April 30, 2013.

Table 17.03-- CONSUMPTION OF ENERGY BY END-USE SECTOR: 1960 TO 2010

[Trillion Btu]

Year	Residential 1/ 2/	Commercial 1/ 3/ 4/ 5/	Industrial 1/ 4/ 5/	Transportation 1/ 4/	Electric power 1/ 2/
1960	7.1	5.3	20.6	61.8	17.6
1961	7.3	5.6	26.8	74.0	19.4
1962	7.7	6/ 5.7	28.7	66.1	21.4
1963	8.7	6/ 6.2	29.9	69.5	24.2
1964	9.4	6.9	32.4	74.8	26.7
1965	9.9	7.0	34.7	79.0	27.6
1966	10.5	7.7	35.8	91.5	29.7
1967	11.7	8.4	38.7	105.1	31.3
1968	12.6	9.2	38.9	122.0	35.0
1969	6/ 14.1	10.7	41.0	125.1	38.7
1970	6/ 15.5	12.5	43.7	125.3	43.2
1971	6/ 16.8	12.5	43.6	138.8	47.7
1972	18.6	13.7	6/ 49.2	136.5	54.1
1973	19.0	14.5	6/ 49.9	140.9	55.6
1974	19.3	14.3	49.9	128.7	57.5
1975	6/ 19.0	14.5	50.4	130.5	58.8
1976	6/ 20.3	6/ 16.4	6/ 51.7	131.7	62.5
1977	20.7	6/ 18.0	6/ 53.3	141.3	65.2
1978	6/ 20.8	6/ 18.5	53.1	144.6	66.8
1979	21.4	6/ 19.7	59.2	156.4	67.7
1980	21.0	6/ 20.1	74.7	146.7	69.7
1981	20.9	6/ 18.1	73.7	124.1	69.9
1982	19.6	6/ 16.9	6/ 79.6	102.2	66.9
1983	6/ 20.1	6/ 17.2	6/ 66.2	117.9	68.6
1984	19.7	18.3	65.0	6/ 129.4	70.4
1985	19.9	18.4	67.3	142.9	69.8
1986	20.4	20.9	76.9	127.1	72.7
1987	22.0	23.8	79.6	124.1	76.5
1988	23.0	36.9	88.8	140.9	81.7
1989	25.4	36.1	93.8	154.5	86.5
1990	30.7	37.2	98.9	154.5	105.9
1991	26.1	28.8	89.0	151.2	88.7
1992	6/ 29.7	6/ 38.6	6/ 93.6	144.1	99.3
1993	29.6	30.7	6/ 92.3	130.4	99.5
1994	30.5	35.0	6/ 93.8	140.0	102.3
1995	31.3	34.6	6/ 93.0	138.2	105.5
1996	32.1	34.0	6/ 95.6	121.6	107.5
1997	32.2	35.5	88.7	117.3	107.3
1998	6/ 32.4	6/ 45.9	80.7	114.6	105.6
1999	32.4	6/ 36.0	78.0	123.1	106.6
2000	6/ 33.1	6/ 37.3	78.0	125.2	108.5

Continued on next page.

Table 17.03-- CONSUMPTION OF ENERGY BY END-USE SECTOR: 1960 TO 2010-- Con.

[Trillion Btu]

Year	Residential 1/ 2/	Commercial 1/ 3/ 4/ 5/	Industrial 1/ 4/ 5/	Transportation 1/ 4/	Electric power 1/ 2/
2001	6/ 32.3	6/ 36.6	69.5	132.0	105.3
2002	34.6	6/ 39.4	70.8	140.2	110.9
2003	33.7	6/ 39.6	6/ 66.0	162.0	109.1
2004	6/ 34.7	6/ 43.4	66.2	172.1	110.8
2005	6/ 35.3	6/ 41.8	70.2	179.4	109.8
2006	35.8	6/ 42.6	69.2	181.6	110.6
2007	36.4	42.2	67.1	195.3	111.8
2008	6/ 36.0	6/ 42.8	64.3	138.6	109.0
2009	6/ 35.8	6/ 42.2	63.3	6/ 129.2	105.6
2010	34.2	39.8	64.2	134.0	98.8

1/ There is a discontinuity between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

2/ Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

3/ Small amouts of solar thermal and photovoltaic energy consumed in the commercial sector cannot be separately identified and are included in residential consumption.

4/ From 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

5/ Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

6/ Revised from previous *Data Book.*

Source: U.S. Department of Energy, Energy Information Administration, State Energy Data System (SEDS) Consumption, 1960-2010, Hawaii
<http://www.eia.gov/state/seds/seds-data-complete.cfm?sid=HI#Consumption>
accessed April 30, 2013.

Table 17.04-- PRIMARY ENERGY CONSUMPTION AND ELECTRICITY SALES, TOTAL AND PER CAPITA: 1992 TO 2011

[Include photovoltaic]

Year	Primary energy consumption		Electricity sales by utilities	
	Total 1/ (trillion Btu)	Per capita 2/ (million Btu)	Total (1,000 kWh)	Per capita 2/ (kWh)
1992	306.0600	240.677	8,666,889	6,815
1993	283.0890	223.283	8,657,903	6,829
1994	299.3950	232.124	8,948,458	6,938
1995	297.0660	228.847	9,187,430	7,078
1996	283.3010	217.270	9,378,962	7,193
1997	273.6180	206.049	9,345,281	7,037
1998	273.5590	205.048	9,261,070	6,942
1999	269.5160	202.272	9,379,808	7,040
2000	273.4880	204.706	9,690,598	7,253
2001	270.3230	202.091	9,776,882	7,309
2002	284.9170	210.574	9,958,768	7,360
2003	301.4160	221.832	10,206,405	7,512
2004	316.3620	227.997	10,508,642	7,573
2005	326.5740	231.203	10,538,507	7,461
2006	329.2650	230.172	10,567,913	7,387
2007	341.0320	237.908	10,585,038	7,384
2008	281.6850	196.622	10,390,012	7,252
2009	270.4710	187.494	10,125,935	7,019
2010	272.1560	185.381	10,013,104	6,820
2011	285.9830	192.352	9,961,653	6,700

1/ Revised from the previous *Data Book.*

2/ Based on estimated de facto population.

Source: Energy Information Administration, State Energy Data System and Utility Monthly Financial Report, and calculations by Department of Business, Economic Development and Tourism.

Table 17.05-- PRIMARY ENERGY CONSUMPTION, BY SOURCE: 1993 TO 2011

[Trillion Btu]

Year	Total	Petroleum	Coal	Natural Gas	Renewable
1993	283.0890	239.6650	15.5750	0.0000	27.8500
1994	299.3950	258.2270	15.7400	0.0000	25.4280
1995	297.0660	252.5160	19.9140	0.0000	24.6360
1996	283.3010	238.8090	20.3710	0.0000	24.1210
1997	273.6180	230.5660	20.5130	0.0000	22.5400
1998	273.5590	233.6350	18.2230	0.0000	21.7010
1999	269.5160	230.0040	17.6910	0.0000	21.8210
2000	273.4880	235.3080	17.6530	0.0760	20.4510
2001	270.3230	239.9460	17.7740	0.1340	12.4690
2002	284.9170	257.6100	16.6180	0.1400	10.5500
2003	301.4160	268.5630	19.2560	0.1370	13.4600
2004	316.3620	283.0320	19.2540	0.1550	13.9210
2005	326.5740	294.0920	17.9560	0.1950	14.3310
2006	329.2650	295.9190	17.5270	0.1790	15.6400
2007	341.0320	304.7210	19.0070	0.1730	17.1310
2008	281.6850	241.6860	20.1580	0.1480	19.6930
2009	270.4710	231.3200	18.9580	0.1670	20.0260
2010	272.1560	234.2550	17.1170	0.1610	20.6230
2011	285.9830	250.6030	16.0800	0.1460	19.1540

Year	Biomass	Solar	Wind	Geothermal	Hydro
1993	24.3880	1.0860	0.2260	1.5700	0.5800
1994	20.7240	1.1430	0.2100	1.9120	1.4380
1995	19.8030	1.1960	0.2100	2.4190	1.0090
1996	19.0660	1.2440	0.2330	2.5020	1.0760
1997	17.4330	1.2590	0.1640	2.5060	1.1780
1998	16.5480	1.3020	0.1970	2.4180	1.2370
1999	16.9810	1.3350	0.1690	2.1620	1.1750
2000	15.1940	1.3470	0.1730	2.6810	1.0550
2001	7.9470	1.3160	0.0220	2.1430	1.0410
2002	7.4800	1.3370	0.0160	0.7480	0.9670
2003	9.3050	1.3780	0.0160	1.8340	0.9270
2004	9.3360	1.4230	0.0750	2.1460	0.9410
2005	9.5650	1.5140	0.0660	2.2240	0.9620
2006	9.8750	1.6700	0.7900	2.1140	1.1910
2007	9.6860	1.8980	2.3540	2.2800	0.9130
2008	11.7920	2.3890	2.3650	2.3160	0.8310
2009	12.0470	2.7830	2.4540	1.6430	1.0990
2010	11.8590	3.5660	2.5470	1.9640	0.6870
2011	7.9370	4.8060	3.3110	2.2000	0.9000

Source: U.S. Department of Energy, Energy Information Administration, State Energy Data System (SEDS) <http://www.eia.gov/state/seds/seds-data-fuel.cfm?sid=HI> accessed June 26, 2013 and calculations by Department of Business, Economic Development and Tourism.

Table 17.06-- ELECTRICITY GENERATION BY SOURCE: 1993 TO 2011

[Millions of kWh generated]

Year	Total	Petroleum	Coal	Wind	Biomass
1993	9,944	7,394	1,479	22	777
1994	10,109	7,641	1,327	20	730
1995	10,304	7,679	1,561	20	639
1996	10,628	7,963	1,643	23	592
1997	10,312	7,689	1,575	16	606
1998	10,228	7,851	1,435	19	504
1999	10,404	7,995	1,440	16	577
2000	10,593	8,052	1,579	17	538
2001	10,633	8,224	1,605	2	288
2002	11,663	9,467	1,546	2	297
2003	10,976	8,503	1,644	2	347
2004	11,410	8,945	1,604	7	329
2005	11,523	9,068	1,631	7	310
2006	11,559	9,054	1,549	80	326
2007	11,533	8,914	1,579	238	285
2008	11,376	8,670	1,648	240	302
2009	11,011	8,289	1,500	251	284
2010	10,836	8,087	1,546	261	283
2011	10,723	7,924	1,424	341	313

Year	Geothermal	Hydro	Other Gases 1/	Solar	Others
1993	152	56	63	-	-
1994	185	139	66	-	-
1995	235	98	69	-	3
1996	242	104	60	-	1
1997	245	115	65	-	-
1998	237	121	60	-	-
1999	211	115	50	-	-
2000	262	103	42	-	-
2001	207	101	38	-	169
2002	73	95	41	-	143
2003	178	91	40	-	172
2004	213	94	48	-	171
2005	222	96	41	-	149
2006	212	120	43	-	176
2007	230	92	45	-	149
2008	234	84	39	-	159
2009	168	113	22	1.4	381
2010	201	70	22	1.8	364
2011	224	93	35	3.6	366

Continued on next page.

Table 17.06-- ELECTRICITY GENERATION BY SOURCE: 1993 TO 2011 -- Con.

1/ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

Source: U.S. Department of Energy, Energy Information Administration, State Energy Data System (SEDS) Detailed State Data 1990-2011 Net Generation by State by Type of Producer by Energy Source (EIA-906, EIA-920, and EIA-923) <http://www.eia.gov/electricity/data/state/> accessed May 20, 2013.

Table 17.07-- ELECTRICITY PRODUCTION, BY SOURCE, BY ISLAND: 2011

[Million kWh]

Island	Total	Petroleum	Coal	Wind	Biomass
State total	10,723	7,924	1,424	341	313
Hawaii	1,203	780	-	154	-
Maui	1,211	754	15	121	313
Lanai	25	25	-	-	-
Molokai	35	35	-	-	-
Oahu	7,797	5,920	1,409	66	-
Kauai	453	409	-	-	-

Island	Geothermal	Hydro	Other gases 1/	Solar	Others
State total	224	93	35	4	366
Hawaii	224	45	-	-	-
Maui	-	6	-	2	-
Lanai	-	-	-	-	-
Molokai	-	-	-	-	-
Oahu	-	-	35	-	366
Kauai	-	42	-	2	-

1/ Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

Source: U.S. Department of Energy, Energy Information Administration, State Energy Data System (SEDS) Detailed State Data 1990-2011 Net Generation by State by Type of Producer by Energy Source (EIA-906, EIA-920, and EIA-923) <http://www.eia.gov/electricity/data/state/> accessed May 20, 2013 and calculations by Department of Business, Economic Development and Tourism.

Table 17.08 -- FUEL, ELECTRICITY, AND TOTAL ENERGY EXPENDITURES BY SOURCE: 1993 TO 2011

[Millions of dollars]

Year	Total energy expenditures	Fuel expenditures			Plus: electricity expenditures by customers	Minus: electric utility fuel expenditures
		Total	Electric utility	Other		
1993	2,015.4	1,396.6	284.7	1,111.9	903.5	284.7
1994	2,120.6	1,440.3	257.0	1,183.3	937.3	257.0
1995	2,201.4	1,469.0	285.3	1,183.7	1,017.7	285.3
1996	2,305.0	1,531.7	346.4	1,185.3	1,119.7	346.4
1997	2,270.4	1,453.6	335.9	1,117.7	1,152.7	335.9
1998	2,091.1	1,295.3	258.6	1,036.7	1,054.4	258.6
1999	2,159.4	1,376.0	323.1	1,052.9	1,106.5	323.1
2000	2,702.0	1,860.0	499.2	1,360.8	1,341.2	499.2
2001	2,776.2	1,888.2	465.4	1,422.8	1,353.4	465.4
2002	2,685.5	1,880.1	494.8	1,385.3	1,300.2	494.8
2003	3,315.1	2,332.3	496.1	1,836.2	1,478.9	496.1
2004	4,017.1	2,888.8	526.6	2,362.2	1,654.9	526.6
2005	4,991.6	3,898.9	805.1	3,093.8	1,897.8	805.1
2006	5,724.6	4,544.9	972.5	3,572.4	2,152.2	972.5
2007	6,170.7	5,003.5	1,046.1	3,957.4	2,213.3	1,046.1
2008	6,850.8	5,337.0	1,464.5	3,872.5	2,978.3	1,464.5
2009	4,661.0	3,409.2	859.9	2,549.3	2,111.7	859.9
2010	5,713.6	4,382.6	1,142.3	3,240.3	2,473.3	1,142.3
2011	7,608.3	6,112.8	1,595.0	4,517.8	3,090.5	1,595.0

Source: U.S. Department of Energy, Energy Information Administration, State Energy Data System (SEDS) <http://www.eia.gov/state/seds/seds-data-fuel.cfm?sid=HI>
accessed June 26, 2013 and calculations by Department of Business, Economic Development and Tourism.

Table 17.09-- ELECTRIC UTILITIES: 1999 TO 2012

Year	Customers, Dec. 31			Power sold (1,000 kWh)		
	Total	Residen-tial 1/	Other	Total	Residen-tial 1/	Other
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
2008	476,124	410,477	65,647	10,390,012	3,085,183	7,304,829
2009	478,588	413,641	64,947	10,125,935	3,055,242	7,070,693
2010	480,918	416,141	64,777	10,013,104	2,989,437	7,023,667
2011	482,498	418,174	64,324	9,961,653	2,928,743	7,032,910
2012	484,716	420,240	64,476	9,639,157	2,739,299	6,899,858

Year	Average annual use (kWh) 2/		Average rate (dollars per kWh)		Revenues ($1,000)		
	Residen-tial 1/	Other	Residen-tial 1/	Other	Total	Residen-tial 1/	Other
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
2008	7,516	111,274	0.32497	0.27809	3,033,951	1,002,582	2,031,369
2009	7,386	108,869	0.24202	0.19923	2,148,123	739,416	1,408,707
2010	7,184	108,428	0.28101	0.23857	2,515,731	840,066	1,675,665
2011	7,004	109,336	0.34681	0.30304	3,146,960	1,015,703	2,131,256
2012	6,518	107,014	0.37343	0.32727	3,281,058	1,022,944	2,258,114

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; and Hawaii State Department of Business, Economic Development and Tourism, Strategic Industries Division, *Monthly Financial Reports* issued by utility companies (Hawaiian Electric Company, Maui Electric Company, Hawaii Electric Light Company and Kauai Island Utility Cooperative), calculations by Department of Business, Economic Development and Tourism, and records.

Table 17.10-- ELECTRIC UTILITIES, BY ISLAND: 2012

Island	Customers, Dec. 31			Net Peak Demand	Power sold (1,000 kWh)		
	Total	Residen-tial 1/	Other	(mW)	Total	Residen-tial 1/	Other
State total	484,716	420,240	64,476	(X)	9,639,157	2,739,299	6,899,858
Oahu	297,529	264,047	33,482	1,141.0	6,975,996	1,776,836	5,199,160
Hawaii	81,792	69,099	12,693	189.3	1,085,171	409,840	675,331
Kauai	36,473	28,215	8,258	(X)	433,159	157,278	275,881
Lanai	1,677	1,451	226	4.6	24,712	7,186	17,526
Maui	64,047	54,785	9,262	194.8	1,090,179	377,209	712,970
Molokai	3,198	2,643	555	5.5	29,942	10,951	18,991

Island	Average annual use (kWh) 2/		Average rate (dollars per kWh)		Revenues ($1,000)		
	Residen-tial 1/	Other	Residen-tial 1/	Other	Total	Residen-tial 1/	Other
State total	6,518	107,014	0.37343	0.32727	3,281,058	1,022,944	2,258,114
Oahu	6,729	155,282	0.35101	0.30639	2,216,675	623,684	1,592,991
Hawaii	5,931	53,205	0.42470	0.39268	439,249	174,061	265,188
Kauai	5,574	33,408	0.45006	0.42596	188,298	70,785	117,513
Lanai	4,952	77,549	0.46612	0.47129	11,609	3,349	8,260
Maui	6,885	76,978	0.38709	0.37238	411,509	146,013	265,496
Molokai	4,143	34,217	0.46129	0.45633	13,718	5,052	8,666

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/ Based on number of customers at end of year.

Source: *Monthly Financial Reports* issued by utility companies (Hawaiian Electric Company, Maui Electric Company, Hawaii Electric Light Company and Kauai Island Utility Cooperative), calculations by Department of Business, Economic Development and Tourism.

Table 17.11-- GAS UTILITIES: 1999 TO 2012

[Excludes bottled gas]

Year	Customers, Dec. 31			Gas sold (1,000 therms)		
	Total	Residential 1/	Other	Total	Residential 1/	Other
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
2008	35,364	31,752	3,612	33,100	4,807	28,293
2009	35,449	31,821	3,628	31,924	4,746	27,178
2010	35,317	31,656	3,661	32,279	4,742	27,537
2011	35,226	31,552	3,674	32,410	4,542	27,867
2012	35,183	31,478	3,705	32,320	4,601	27,719

Year	Average annual use (therms) 2/		Average rate (dollars per therm)		Revenues ($1,000)		
	Residential 1/	Other	Residential 1/	Other	Total	Residential 1/	Other
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
2008	151	7,833	4.89349	3.46955	121,687	23,523	98,164
2009	149	7,491	4.18816	2.68055	92,729	19,877	72,852
2010	150	7,522	4.98652	3.27435	113,810	23,644	90,166
2011	144	7,585	6.05389	4.02058	139,541	27,499	112,042
2012	146	7,481	5.60939	4.28156	144,488	25,809	118,679

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; and Hawaii State Department of Business, Economic Development and Tourism, Strategic Industries Division, Hawai'i Gas The Clean Energy Company, *Hawaii Gas Utility Monthly Finanncial Reports,* calculation by Hawaii State Department of Business, Economic Development and Toursim, and records.

Table 17.12-- GAS UTILITIES, BY ISLAND: 2012

[Excludes bottled gas]

Island	Customers, December 31			Gas sold (1,000 therms)		
	Total	Residen-tial 1/	Other	Total	Residen-tial 1/	Other
State total	35,183	31,478	3,705	32,320	4,601	27,719
Oahu	31,844	28,556	3,288	28,895	4,081	24,814
Hawaii	1,801	1,488	313	2,363	296	2,067
Kauai	917	901	16	156	95	61
Lanai	20	20	-	2	2	-
Maui	516	428	88	888	111	777
Molokai	85	85	-	16	16	-

Island	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
State total	146	7,481	5.60939	4.28156	144,488	25,809	118,679
Oahu	143	7,547	5.70793	4.45046	133,728	23,294	110,434
Hawaii	199	6,604	5.00541	2.85185	7,378	1,483	5,895
Kauai	105	3,792	5.12966	3.03367	671	487	184
Lanai	115	-	5.66075	-	13	13	-
Maui	259	8,825	4.12958	2.78814	2,624	458	2,165
Molokai	184	-	4.74503	-	74	74	-

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: Hawai'i Gas The Clean Energy Company, *Hawaii Gas Utility Monthly Finanncial Reports,* calculations by Hawaii State Department of Business, Economic Development and Toursim, and records.

Table 17.13-- SERVICE PROVIDED BY HAWAIIAN ELECTRIC COMPANY, INC., ON OAHU: 1991 TO 2012

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	Residen-tial 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
2008	293,740	259,929	7,950,649	7,555,962	7,868	0.28892	1,727
2009	295,282	261,630	7,761,597	7,377,537	7,759	0.21533	1,847
2010	296,422	262,635	7,657,018	7,277,229	7,540	0.25474	1,817
2011	296,800	263,384	7,593,813	7,242,311	7,319	0.32041	1,817
2012	297,529	264,047	7,310,995	6,975,996	6,729	0.35101	1,817

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-- UTILITY SERVICE PROVIDED BY THE GAS COMPANY ON OAHU: 1991 TO 2012

Year	Customers, Dec. 31		Sales (1,000 therms) 1/		Average annual residential usage (therms) 1/
	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	32,673	29,434	31,219	4,447	151
2008	32,358	29,123	29,930	4,320	148
2009	32,179	28,951	28,957	4,263	147
2010	32,109	28,867	28,823	4,197	145
2011	2/ 32,019	2/ 28,762	29,266	4,059	141
2012	31,875	28,622	29,563	4,036	137

1/ Includes liquefied petroleum gas.
2/ Revised from previous *Data Book.*
Source: The Gas Company LLC, formerly The Gas Company, Inc., records.

Table 17.15-- LIQUID FUEL TAX BASE: 1998 TO 2012

[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
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	230,812	52,826
2008	920,042	710,863	443,918	158,894	57,613
2009	898,720	713,534	438,849	166,209	53,437
2010	820,268	638,300	416,134	132,451	51,512
2011	881,047	671,169	449,606	133,480	1/ 47,237
2012	900,993	673,513	444,638	151,509	47,674

Year reported	Liquefied petroleum gas		Aviation fuel	Small boats		Other fuel
	Off hwy.	Hwy. use		Gasoline	Diesel oil	
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	-	108	235,653	262	626	17,314
2008	-	96	209,179	452	5,004	44,886
2009	-	66	185,185	1,215	1,324	52,434
2010	-	62	181,968	787	947	36,406
2011	-	50	209,878	1,103	4,022	35,672
2012	-	35	227,480	1,144	399	28,113

X Not applicable.

1/ Revised from previous *Data Book.*

Source: Hawaii State Department of Taxation, Tax Research & Planning, "Liquid Fuel Tax Base & Tax Collections" (annual) <http://www6.hawaii.gov/tax/a5_3txcolrptarchive.htm> accessed May 10, 2013.

Table 17.16-- LIQUID FUEL TAX BASE, BY COUNTY: 2012

[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	900,993	533,022	142,020	133,308	92,644
Gasoline	444,638	283,583	60,242	73,118	27,695
Diesel oil, non-hwy.	151,509	97,341	15,669	12,303	26,196
Diesel oil, hwy. use	47,674	28,314	5,999	10,605	2,757
Liq. pet. gas, hwy. use	35	31	1	2	2
Small boats, gasoline	1,144	733	-	410	-
Small boats, diesel oil	399	1	-	12	387
Aviation fuel	227,480	121,058	59,874	26,385	20,162
Other fuel	28,113	1,960	236	10,473	15,445

Source: Hawaii State Department of Taxation, Tax Research & Planning, "Liquid Fuel Tax Base & Tax Collections - CY Ending December 31, 2012" <http://www6.hawaii.gov/tax/a5_3txcolrptarchive.htm> accessed May 10, 2013.

Table 17.17-- GASOLINE STATIONS (NAICS 447), BY COUNTY: 1998 TO 2010

[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
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
2006	305	190	63	17	35
2007	289	179	58	14	38
2008	281	177	57	14	33
2009	277	169	58	15	35
2010	283	168	58	17	40

Source: U.S. Census Bureau, *County Business Patterns, Hawaii* (annual). See also <http://factfinder.census.gov/> accessed February 11, 2013.

Table 17.18-- BOILERS AND PRESSURE VESSELS, BY ISLAND: 2011 AND 2012

[As of December 31]

Island	Total	Power boilers	Heating boilers	Pressure vessels
2011				
State total	10,403	438	2,245	7,720
Hawaii	1,462	71	300	1,091
Maui	1,214	57	298	859
Lanai	33	1	8	24
Molokai	58	3	12	43
Oahu	7,100	273	1,516	5,311
Kauai	536	33	111	392
2012				
State total	10,403	438	2,245	7,720
Hawaii	1,462	71	300	1,091
Maui	1,214	57	298	859
Lanai	33	1	8	24
Molokai	58	3	12	43
Oahu	7,100	273	1,516	5,311
Kauai	536	33	111	392

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: 2000 TO 2009

[Millions of dollars. For fiscal year ending September 30]

Year	R&D	R&D plant	Year	R&D	R&D plant
2000	209.7	1.8	2005	384.4	43.8
2001	293.1	2.8	2006	340.1	5.6
2002	375.2	6.4	2007	343.6	8.0
2003	349.6	1.9	2008	347.8	3.1
2004	392.6	7.0	2009	378.7	25.3

Source: National Science Foundation/Division of Science Resources Statistics, *Federal Funds for Research and Development,* various issues, and records.

Table 17.20-- PRIVATE SECTOR TECHNOLOGY JOBS AND EARNINGS: 2004 TO 2012

[Jobs includes paid employees and proprietors. Earnings include wages/salaries and benefits]

	2004	2005	2006	2007	2008	2009	2010	2011	2012	Earnings in 2012
Technology Sector	25,357	26,879	27,814	28,942	28,441	29,209	28,715	28,858	28,160	70,515
Computer serv. & digital media products	6,073	6,121	6,494	6,447	6,534	6,624	6,449	6,321	6,041	72,917
Engineering and related services	5,673	5,731	5,957	6,247	6,234	6,000	5,783	5,839	5,494	82,042
Information & telecom technology	5,180	5,381	5,850	5,807	5,471	5,264	5,059	4,944	4,750	77,273
Technical consulting services	2,591	3,267	3,099	3,816	3,959	3,875	3,995	4,313	4,462	50,926
Biotechnology	1,408	1,555	1,612	1,464	1,675	1,859	1,991	1,929	1,967	52,896
R & D services (exc. biotechnology)	1,611	1,662	1,689	1,937	2,121	2,149	2,035	2,036	1,955	83,356
Medical and diagnostic testing	1,533	1,592	1,624	1,719	1,719	1,689	1,706	1,750	1,778	61,504
Technology equip. distribution	825	877	797	787	860	851	807	770	764	88,124
Other technology manufacturing	305	475	473	479	580	612	630	656	607	57,415
Alternative power generation	41	81	108	128	167	164	147	180	190	55,837
Chemical & pharmaceutical manufacturing	117	137	111	111	90	122	113	120	152	72,663

Source: Hawaii State Department of Business, Economic Development and Tourism, records.

Table 17.21-- TOP 30 STATES FOR TECHNOLOGY AND SCIENCE INDEX: 2012

[The State Technology and Science Index observes 79 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]

State	Average score	State ranking
Massachusetts	86.40	1
Maryland	79.41	2
California	75.70	3
Colorado	75.07	4
Washington	71.88	5
Virginia	71.23	6
Utah	69.83	7
Delaware	69.16	8
Connecticut	68.49	9
New Hampshire	66.07	10
Pennsylvania	64.16	11
Minnesota	63.39	12
New York	62.85	13
Vermont	62.43	14
New Jersey	62.11	15
Arizona	61.56	16
Rhode Island	61.22	17
Illinois	60.81	18
Texas	59.91	19
Oregon	57.84	20
North Carolina	57.80	21
New Mexico	56.55	22
Michigan	55.03	23
Kansas	53.64	24
Wisconsin	53.07	25
Georgia	51.47	26
Indiana	50.63	27
Ohio	49.06	28
Missouri	48.90	29
Alabama	48.59	30
Hawaii	**44.19**	**36**

Source: Milken Institute "*State Technology and Science Index: Enduring Lessons for the Intangible Economy April 2013"* 2012 Overall Ranking, State Overall Ranking <http://www.milkeninstitute.org/pdf/STSI2013.pdf> accessed June 10, 2013.

Table 17.22-- RESEARCH AND NON-RESEARCH EXTRAMURAL FUNDING, FOR THE UNIVERSITY OF HAWAII: 1991-1992 TO 2011-2012

[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
2007-2008	1,758	367,580,150	1,093	211,778,184	665	155,801,966
2008-2009	1,990	413,963,739	1,147	246,546,713	843	167,417,026
2009-2010	1,944	452,408,669	1,161	255,734,059	783	196,674,610
2010-2011	1,799	488,597,908	1,070	281,745,764	729	206,852,144
2011-2012	1,727	435,874,967	1,039	256,980,266	688	178,894,701

Source: University of Hawaii, Office of Research Services, *2011 -2012 Online Executive Managerial Report* <http://www.ors.hawaii.edu/index.php/component/content/article/111-reports/annual-reports/268-2011-2012-annual-report> accessed April 30, 2013 and previous reports.

Table 17.23-- RESEARCH AND DEVELOPMENT EXPENDITURES AT DOCTORATE-GRANTING INSTITUTIONS: 1991 TO 2011

[In thousands of dollars. For fiscal year ending June 30]

Year	Total	Federally financed	State and local government financed	Industry financed 1/	Nonprofit	Institutionally financed	All other sources
1991	78,166	44,857	27,321	856	(NA)	3,391	1,741
1992	80,258	47,684	26,775	337	(NA)	3,319	2,143
1993	73,961	41,362	27,099	151	(NA)	3,109	2,240
1994	70,079	39,392	25,204	434	(NA)	3,290	1,759
1995	78,429	44,238	26,789	299	(NA)	3,738	3,365
1996	111,202	66,902	31,826	8,088	(NA)	4,386	-
1997	120,107	72,421	28,440	5,944	(NA)	13,297	5
1998	148,007	86,886	37,002	10,949	(NA)	13,170	-
1999	156,810	93,418	35,111	13,021	(NA)	15,260	-
2000	161,300	95,419	35,474	11,158	(NA)	19,249	-
2001	156,976	97,716	33,125	7,232	(NA)	18,903	-
2002	172,664	119,381	31,062	9,971	(NA)	12,232	18
2003	184,602	148,662	11,822	6,931	(NA)	17,171	16
2004	241,346	191,252	8,815	21,234	(NA)	19,892	153
2005	240,247	199,135	7,077	12,155	(NA)	21,282	598
2006	257,478	210,097	8,933	12,551	(NA)	25,888	9
2007	274,373	215,806	15,534	22,080	(NA)	16,352	4,601
2008	278,751	200,385	18,192	26,928	(NA)	28,132	5,114
2009	300,302	211,256	17,479	30,357	(NA)	32,198	9,012
2010	317,942	208,540	23,669	24,315	7,989	45,016	8,413
2011	363,887	241,686	22,399	23,362	11,019	57,502	7,919

NA Not available.

1/ Category called business after 2010.

Source: National Science Foundation, Division of Science Resources Statistics, Academic Research and Development Expenditures: Fiscal Year (annual) Table 17 <http://www.nsf.gov/statistics/rdexpenditures/> accessed November 4, 2011 and Higher Education Research and Development (annual) <http://www.nsf.gov/statistics/herd/> accessed July 17, 2013.

Table 17.24-- PATENTS ISSUED TO HAWAII RESIDENTS: 1992 TO 2012

Year	Patents	Year	Patents	Year	Patents
1992	81	1999	97	2006	101
1993	106	2000	93	2007	82
1994	99	2001	107	2008	101
1995	84	2002	91	2009	96
1996	104	2003	96	2010	144
1997	93	2004	86	2011	128
1998	93	2005	58	2012	131

Source: U.S. Patent and Trademark Office, Electronic Information Products Division / PTMT, *Patent Counts by Country/State and Year, All Patents, All Types, January 1, 1977 -- December 31, 2011* (December 2012) <http://www.uspto.gov/web/offices/ac/ido/oeip/taf/cst_all.htm> accessed May 20, 2013 and records.

Table 17.25-- ASTRONOMY AND RELATED FACILITIES AT THE SUMMITS OF MAUNA KEA AND HALEAKALA: 2012

Facility (mirror diameter in meters)	Capital cost 1/ ($ mil)	Annual operating cost ($ mil)	County based staff	Opera-tional
Mauna Kea observatories				
Total	611	75.40	527	(X)
UH 2.2-m (Optical/Infrared)	5	1.5	7	1970
Canada-France-Hawaii 3.6-m (Optical/Infrared)	30	7.0	45	1979
NASA IRTF 3.0-m (Infrared)	10	4.3	19	1979
United Kingdom 3.8-m (Infrared)	5	2.0	12	1979
James Clerk Maxwell 15-m Submillimeter	32	5.0	27	1986
Caltech 10.4-m Submillimeter	10	2.6	11	1986
VLBA Antenna 25-m (Radio)	7	0.3	2	1992
W.M. Keck Observatory (Keck I & II) 10-m x 2 (Optical/Infrared)	170	13.0	130	1992/1996
Subaru (Japan National Large Telescope) 8-m (Optical/Infrared)	170	19.5	96	1999
Fredrick C. Gillett Gemini 8m (Optical/Infrared)	92	13.9	112	1999
Submillimeter Array 8x6-m	80	5.0	27	2003
Mauna Kea Observatories Support Services	(X)	2/ 4.6	39	1980
Haleakala observatories				
Total	304.7	54.73	244	(X)
Mees Solar Observatory	0.5	0.5	2	1968
Haleakala Observatories Projects	(NA)	1.4	9	(NA)
Maui Space Surveillance Site (MSSS) 3/	200.0	26.7	140	1979
Advanced Electro-Optical System 3.7-m Telescope (AEOS)	50.0	20.6	65	1997
Faulkes 2-m Telescope	10.0	0.6	2	2003
Transportable Laser Ranging System (TLRS4)	0.6	0.5	5	2005
Panoramic Survey Telescope And Rapid Response System (Pan-STARRS) PS1 @ LURE Observatory	35.0	3.2	9	2009
Haleakala Support Facilities	8.6	1.2	12	1962/2008

NA Not available.
X Not applicable.
1/ Historical cost, not adjusted for inflation, and not including subsequent capital improvements for Mauna Kea Observation.
2/ Only $1.2 million of this included in total as the other $3.1 million are part of facility operating costs.
3/ Formerly Air Force Maui Optical Station (AMOS).
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: 2012* , Section 23.

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Table 18.01-- DISTANCES OF SELECTED STATE ROUTES AND INTERSTATES: 2012

Route	Description	Miles
OAHU		
Interstates		
H-1	Queen Lili'uokalani Freeway, Lunalilo Freeway	27.16
H-2	Veterans Memorial Freeway	8.33
H-3	John A. Burns Freeway	15.32
H-201	Moanalua Freeway	4.09
State Routes		
61	Pali Hwy, Kalanianaole Hwy, Kailua Rd.	10.60
63	Kalihi St, Likelike Hwy	8.28
72	Kalanianaole Hwy	18.44
83	Kam. Hwy, Kahekili Hwy, Likelike Hwy	43.92
92	Nimitz Hwy, Ala Moana Blvd	9.26
93	Farrington Hwy.	19.53
99	Kam. Hwy, Kamananui Rd, Wilikina Dr, Farrington Hwy	23.83
750	Kunia Rd	8.05
HAWAII		
State Routes		
11	Kanoelehua Ave, Mamalahoa Hwy, Hawaii Belt Rd, Volcano Rd. Kuakini Hwy, Queen Kaahumanu Ext	121.98
19	Kuhio St, Kalanianaole St, Kamehameha Ave, Pauahi St Bayfront Hwy, Mamalahoa Hwy, Lindsey Rd, Hawaii Belt Rd Kawaihae Rd, Queen Kaahumanu Hwy	99.49
130	Keaau-Pahoa Rd, Pahoa-Kalapana Rd, Kaimu-Chain of Craters Rd 1/	21.83
190	Mamalahoa Hwy, Palani Rd	38.97
200	Saddle Rd 2/	44.83
250	Kohala Mountain Rd, Hawi Rd	19.27
270	Kawaihae Rd, Akoni Pule Hwy	27.00
MAUI		
State Routes		
30	High St, Honoapiilani Hwy, Kahekili Hwy	41.60
31	Piilani Hwy 3/	7.15
36	Hana Hwy	16.21
37	Haleakala Hwy, Kula Hwy	21.35
360	Hana Hwy, Keawa Pl	34.84
378	Haleakala Crater Rd	10.11

Continued on next page.

Table 18.01-- DISTANCES OF SELECTED STATE ROUTES AND INTERSTATES: 2012 -- Con.

Route	Description	Miles
KAUAI		
State Routes		
50	Kaumualii Hwy	32.92
56	Kuhio Hwy	28.12
550	Waimea Canyon Dr, Kokee Rd	14.08
560	Kuhio Hwy (Starts at end of Route 56)	10.01
MOLOKAI		
State Routes		
450	Kamehameha V Hwy	27.51
460	Kaunakakai Pl & Maunaloa Hwy	16.56
LANAI		
State Routes		
440	Kaumalapau Hwy & Manele Rd	13.18

1/ Designated length and the real traveled length are different due to lava flows, between 21.83 and 25.32 miles.
2/ Not including 26 miles proposed.
3/ Not including 4.86 mile proposed.
Source: Hawaii State Department of Transportation, Highways Division, State Route System Straight Line Diagrams 2009 <http://hwypgis.dot.hawaii.gov/infostructure/index_files/Page532.htm> accesses on July 16, 2013 and records.

Table 18.02-- LENGTH OF STREETS AND HIGHWAYS, PAVED AND UNPAVED, BY ISLAND: 2010 TO 2012

[As of December 31. Excludes private roads and military roads not regularly open to public use]

Island	Total mileage	Paved		Unpaved
		Freeways	Other	
2010				
State total	4,394.51	88.55	4,133.55	172.41
Hawaii	1,481.06	-	1,421.76	59.30
Maui	636.18	-	579.48	56.70
Lanai	47.80	-	33.80	14.00
Molokai	136.15	-	124.15	12.00
Oahu	1,654.23	88.55	1,557.76	7.92
Kauai	439.08	-	416.59	22.49
Niihau	-	-	-	-
2011				
State total	4,405.15	88.55	1/ 4,144.19	1/ 172.41
Hawaii	1,487.71	-	1/ 1,428.41	1/ 59.30
Maui	636.01	-	579.31	56.70
Lanai	47.80	-	33.80	14.00
Molokai	136.15	-	124.15	12.00
Oahu	1,658.39	88.55	1,561.92	7.92
Kauai	439.08	-	416.59	22.49
Niihau	-	-	-	-
2012				
State total	4,415.74	88.55	4,154.78	172.41
Hawaii	1,494.73	-	1,435.43	59.30
Maui	635.88	-	579.18	56.70
Lanai	47.80	-	33.80	14.00
Molokai	136.15	-	124.15	12.00
Oahu	1,662.09	88.55	1,565.62	7.92
Kauai	439.08	-	416.59	22.49
Niihau	-	-	-	-

1/ Revised from previous *Data Book.*

Source: Hawaii State Department of Transportation, Highways Division, records.

Table 18.03-- HIGHWAY BRIDGES, BY ISLAND: DECEMBER 31, 2012

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: 2007 TO 2012

Area	Number of bridges	Deficient and obsolete					
		Total		Structurally deficient 1/		Functionally obsolete 2/	
		Number	Percent	Number	Percent	Number	Percent
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
2008							
U.S.	601,411	151,391	25.2	71,469	11.9	79,922	13.3
Hawaii	1,120	487	43.5	136	12.1	351	31.3
2009							
U.S.	603,245	149,647	24.8	71,179	11.8	78,468	13.0
Hawaii	1,133	493	43.5	144	12.7	349	30.8
2010							
U.S.	604,474	146,633	24.3	69,223	11.5	77,410	12.8
Hawaii	1,137	507	44.6	141	12.4	366	32.2
2011							
U.S.	605,086	143,889	23.8	67,526	11.2	76,363	12.6
Hawaii	1,132	506	44.7	144	12.7	362	32.0
2012							
U.S.	607,380	151,497	24.9	66,749	11.0	84,748	14.0
Hawaii	1,131	505	44.7	146	12.9	359	31.7

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, Structures, Deficient Bridges by State and Highway System <http://www.fhwa.dot.gov/bridge/deficient.cfm> accessed June 12, 2013; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 18.05-- HIGHWAY TUNNEL LENGTHS: DECEMBER 31, 2012

Island and name of tunnel		Length (feet)
Oahu		
Pali, Honolulu side	to Honolulu	1,000
	from Honolulu	1,080
Pali, Kailua side	to Honolulu	500
	from Honolulu	497
Wilson	to Honolulu	2,775
	from Honolulu	2,813
H-3	to Honolulu	4,890
	from Honolulu	5,165
H-3, Hospital Rock	to Honolulu	353
	from Honolulu	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: 2003 TO 2012

[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/	Ambu-lances, hearses, patrol wagons	Buses
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
2008	1,160,643	1,127,567	903,518	57	2,213
2009	1,149,928	1,117,790	895,770	63	2,143
2010	1,151,681	1,120,080	898,452	64	2,103
2011	1,210,370	1,181,148	951,170	79	2,320
2012	1,310,286	1,278,233	1,033,975	91	2,621

Year	Motor vehicles -- continued				Trailers and semi-trailers
	Trucks 1/	Truck tractors, tow trucks	Truck crane, misc.	Motor-cycles, motor-scooters 2/	
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
2008	191,459	799	1,074	28,447	33,076
2009	188,860	813	1,262	28,879	32,138
2010	187,733	861	1,431	29,436	31,601
2011	191,850	989	1,718	33,022	29,222
2012	200,124	1,183	2,016	38,223	32,053

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, Safe Communities Program, records.

Table 18.07-- MOTOR VEHICLES REGISTERED, BY COUNTY: 1995 TO 2012

[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
2008	1,127,567	719,640	175,166	74,344	158,417
2009	1,117,790	718,253	172,209	73,847	153,481
2010	1,120,080	720,267	171,974	73,563	154,276
2011	1,181,148	755,425	181,931	78,373	165,419
2012	1,278,233	814,361	197,273	85,292	181,307

Source: Hawaii State Department of Transportation, Safe Communities Program, records.

Table 18.08-- VEHICLE REGISTRATION, BY TYPE OF VEHICLE, BY COUNTY: 2012

[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	1,310,286	828,363	206,697	89,179	186,047
Motor vehicles	1,278,233	814,361	197,273	85,292	181,307
Passenger vehicles 1/	1,033,975	677,948	151,353	61,437	143,237
Ambulances	91	53	14	7	17
Buses	2,621	2,080	301	49	191
Trucks 1/	200,124	106,278	39,700	21,441	32,705
Truck tractors	1,183	658	200	254	71
Truck cranes	2,016	1,767	129	41	79
Motorcycles, motorscooters 2/	38,223	25,577	5,576	2,063	5,007
Trailers and semi-trailers	32,053	14,002	9,424	3,887	4,740

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, Safe Communities Program, records.

Table 18.09-- VEHICLE REGISTRATION, BY TAXATION STATUS, BY COUNTY: 2012

[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	1,240,010	788,784	191,697	83,229	176,300
Taxable vehicles	1,129,159	682,979	189,479	82,256	174,445
Exempt vehicles	110,851	105,805	2,218	973	1,855
Federal government	451	439	10	-	2
State government	6,407	6,405	-	-	2
County government	7,508	4,744	1,002	582	1,180
Fire department	320	62	134	60	64
Police department	1,812	1,292	404	-	116
Consulates	61	59	2	-	-
Disabled veterans	276	50	217	8	1
Military non-resident	86,578	86,221	73	185	99
Farm	129	36	49	1	43
Horseless carriage	82	63	9	10	-
Electric vehicles	1,223	928	86	32	177
National Guard	6,004	5,506	232	95	171

Source: Hawaii State Department of Transportation, Safe Communities Program, records.

Table 18.10-- VEHICLES AVAILABLE TO OCCUPIED HOUSING UNITS, BY COUNTY: 2011

[For the American Community Survey 1-Year Estimates, data were released for geographic areas with populations of 65,000 or more. At this time Kalawao county does not meet these thresholds. Data are based on a sample and are subject to sampling variability]

Vehicles available	State total	Hawaii	Honolulu	Kauai	Maui
Occupied units	448,563	64,605	308,495	22,874	52,549
None	40,130	3,254	32,537	821	3,510
1	157,376	23,649	109,758	6,280	17,671
2	160,810	24,698	106,606	10,852	18,654
3	58,299	8,499	37,944	3,385	8,464
4 or more	31,948	4,505	21,650	1,536	4,250

Source: U.S. Census Bureau, 2011 American Community Survey 1-Year Estimates, *Selected Housing Characteristics: 2011* <http://www.census.gov/acs/www/> accessed June 12, 2013.

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/	Personal transportation	60.5	61.7	70.1	74.0
Body type	Pickup, mini-van, other light van, and sport utility	91.2	93.8	94.9	95.9
Vehicle size	Light	94.6	95.6	95.9	96.9
Annual miles	Less than 10,000 2/	57.0	50.0	44.3	51.1
Model year	Over 4 years old	62.1	66.8	74.1	68.0
Vehicle acquisition	New	49.6	54.3	48.3	50.4
Truck type	Single-unit, 2 axles 3/	96.4	96.6	97.7	98.1
Range of operation	50 miles or less	80.2	79.3	81.2	70.5
Fuel type	Gasoline	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 2012

[Excludes U-drive/Fleet sales]

Year	Number	Year	Number	Year	Number
1989	57,456	1997	42,487	2005	70,268
1990	54,544	1998	40,673	2006	67,224
1991	47,783	1999	45,054	2007	57,526
1992	44,865	2000	51,500	2008	42,804
1993	45,249	2001	51,388	2009	33,639
1994	44,175	2002	53,314	2010	34,019
1995	41,083	2003	62,712	2011	35,531
1996	41,480	2004	65,882	2012	44,500

Source: Hawaii Automobile Dealers Association, *HawaiiDealer 2012 Fourth Quarter Edition.*

Table 18.13-- NEW RETAIL CAR AND LIGHT TRUCK (VAN) REGISTRATIONS, BY NAMEPLATE: 2010 TO 2012

[Excludes U-drive/Fleet sales]

Nameplate	2010	2011 1/	2012
Total	34,019	37,086	44,830
Toyota/Scion	9,436	9,442	11,774
Honda	4,874	4,814	5,779
Nissan	3,693	4,051	4,508
Ford	2,531	3,024	3,384
Chevrolet	1,241	1,688	1,994
Hyundai	1,125	1,644	1,973
Mazda	1,230	1,302	1,599
Lexus	1,202	1,241	1,458
Kia	832	1,201	1,364
BMW	1,069	1,120	1,231
Mercedes	975	970	1,111
Volkswagen	569	732	1,062
Jeep	477	657	1,031
Acura	571	532	871
Dodge	2/ 794	615	863
Subaru	509	530	695
MINI	477	510	593
GMC	421	430	470
Audi	262	352	455
Ram	(2/)	297	370
Chrysler	123	188	359
Infiniti	333	332	319
Volvo	177	236	216
Mitsubishi	124	202	189
Fiat	-	86	179
Cadillac	184	141	163
Suzuki	190	229	155
Porsche	115	129	150
Land Rover	75	88	121
Buick	89	90	119
Smart	75	49	112
Lincoln	57	55	64
Jaguar	68	64	50
All others	121	45	49

1/ Revised from previous *Data Book.*

2/ Prior to 2011 Ram included in Dodge figure.

Source: Hawaii Automobile Dealers Association, *HawaiiDealer, 2011 First Quarter, 2012 First Quarter* and *2013 First Quarter Edition.*

Table 18.14-- NEW RETAIL CAR AND LIGHT TRUCK (VAN) REGISTRATIONS, BY PLACE OF MANUFACTURE: 2010 TO 2012

[Excludes U-drive/Fleet sales]

Type and place of manufacture	2010	2011 1/	2012
Total	34,019	37,086	44,830
Car	16,902	18,357	23,214
Light truck	17,117	18,729	21,616
Chrysler, Ford, General Motors	5,977	7,187	8,821
Japanese	22,162	22,675	27,347
European	3,923	4,379	5,325
Korean	1,957	2,845	3,337

1/ Revised from previous *Data Book.*

Source: Hawaii Automobile Dealers Association, *HawaiiDealer, 2011 First Quarter, 2012 First Quarter* and *2013 First Quarter Edition.*

Table 18.15-- HAWAII DRIVERS LICENSES IN FORCE, BY COUNTY: 1991 TO 2012

[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
2008	895,941	607,747	127,456	52,479	108,259
2009	905,704	614,783	128,692	52,925	109,304
2010	911,417	618,975	129,041	52,981	110,420
2011	915,033	621,769	129,087	53,184	110,993
2012	910,265	618,492	128,423	52,683	110,666

Source: Hawaii State Department of Transportation, Motor Vehicle Safety, records.

Table 18.16-- HAWAII DRIVERS LICENSES IN FORCE, BY AGE AND SEX: 2011 AND 2012

[As of December 31]

Years of age	Both sexes		Male		Female	
	2011	2012	2011	2012	2011	2012
Total	915,033	910,265	477,830	474,079	437,203	436,186
15 to 19	25,803	24,453	13,902	12,945	11,901	11,508
20 to 24	72,742	70,665	38,695	37,617	34,047	33,048
25 to 29	83,927	81,404	43,818	42,406	40,109	38,998
30 to 34	82,939	83,578	42,807	43,014	40,132	40,564
35 to 39	77,568	77,309	39,818	39,399	37,750	37,910
40 to 44	83,540	82,191	43,249	42,512	40,291	39,679
45 to 49	86,507	83,343	44,828	43,028	41,679	40,315
50 to 54	88,525	87,700	45,704	45,483	42,821	42,217
55 to 59	87,212	86,872	45,119	44,755	42,093	42,117
60 to 64	78,691	79,160	41,543	41,531	37,148	37,629
65 to 69	57,944	62,042	30,868	32,902	27,076	29,140
70 to 74	37,014	38,474	19,749	20,574	17,265	17,900
75 to 79	24,281	24,218	12,643	12,649	11,638	11,569
80 to 84	17,324	17,242	8,776	8,706	8,548	8,536
85 to 89	8,793	9,133	4,899	4,984	3,894	4,149
90 to 94	2,049	2,280	1,298	1,442	751	838
95 to 99	174	201	114	132	60	69

Source: Hawaii State Department of Transportation, Motor Vehicle Safety, records.

Table 18.17-- MOTOR VEHICLE FUEL CONSUMPTION AND VEHICLE MILES, 1992 TO 2012, AND BY COUNTY, 2011 AND 2012

Year and county	Highway fuel consumption 1/		Annual vehicle miles of travel	
	Total (1,000 gallons)	Gallons per vehicle 2/	Total (millions)	Per vehicle 2/
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	9,045
2006	531,505	471	10,196.3	9,044
2007	541,956	478	10,259.9	9,043
2008	540,910	480	10,189.1	9,036
2009	545,413	488	10,095.2	9,031
2010	500,987	447	10,111.0	9,027
2011	546,247	462	10,653.9	9,020
2012	520,544	407	11,517.7	9,011
COUNTY: 2011				
Honolulu	324,106	429	6,591.8	8,726
Hawaii	105,404	579	1,768.7	9,722
Kauai	47,278	603	822.1	10,490
Maui	69,460	420	1,471.3	8,895
COUNTY: 2012				
Honolulu	313,748	386	7,096.1	8,726
Hawaii	94,342	477	1,916.4	9,698
Kauai	45,901	528	895.3	10,297
Maui	66,553	369	1,610.0	8,921

Continued on next page.

Table 18.17-- MOTOR VEHICLE FUEL CONSUMPTION AND VEHICLE MILES, 1992 TO 2012, AND BY COUNTY, 2011 AND 2012 -- Con.

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 SURVEY SITES: 2010 TO 2012

[Annual average daily traffic (AADT), the average of 24 hour counts collected every day in the year, unless otherwise specified]

Site	Route	Milepoint	2010	2011	2012
Oahu					
H-1 west of Kualalai Pkwy overpass	H-1	3.41	(NA)	85,300	86,200
H-1 west of Kaonohi St overpass	H-1	11.74	232,000	236,900	235,400
H-1 at Halawa Stream bridge	H-1	13.54	107,700	122,400	107,400
H-1 at airport off-ramp	H-1	16.22	(NA)	97,100	96,300
H-1 west of King St tunnel	H-1	18.77	57,300	58,700	59,800
H-1 at Kalihi interchange	H-1	19.27	1/ 157,300	158,800	159,000
H-1 at Kapalama drainage canal bridge	H-1	20.24	114,400	201,600	173,200
H-1 at McCully St overpass	H-1	23.55	133,300	132,600	132,500
H-1 at Manoa-Palolo drainage canal	H-1	24.60	107,000	106,200	105,900
H-2 south of Pineapple Rd overpass	H-2	4.02	92,300	93,400	93,000
H-3 west of North Halawa Valley bridge	H-3	1.28	46,800	47,400	47,000
H-3 west of Kamehaha Hwy interchange	H-3	10.37	26,200	26,500	26,200
Moanalua Freeway west of Kahuapaani St overpass	H-201	0.21	44,600	62,300	44,100
Moanalua Freeway west of Moanalua St bridge	H-201	3.19	98,300	139,100	98,900
Pali Hwy at tunnels	61	5.69	1/ 42,300	42,300	42,200
Likelike Hwy north of Valley View Drive	63	2.96	29,000	29,000	29,000
Sand Island Parkway north of Pascule bridge	64	1.41	12,600	13,600	12,700
Kalanianaole Hwy east of Ainakoa Ave	72	18.32	72,200	82,200	81,900
Kamehameha Hwy at Wilson Bridge	80	0.01	(NA)	47,300	47,200
Kamehameha Hwy 1.6 miles northeast of Johnson Rd	83	30.59	11,300	11,300	11,700
Nimitz Hwy east of Sand Island Access Rd	92	4.04	58,800	63,300	58,500
Farrington Hwy at Makaha bridge #2	93	12.50	19,200	18,800	18,100
Kalaeloa Blvd south of H-1 on-ramp	95	0.20	31,100	35,500	32,500

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Table 18.18-- TOTAL 24-HOUR TRAFFIC VOLUMES AT SELECTED SURVEY SITES: 2010 TO 2012 -- Con.

Site	Route	Milepoint	2010	2011	2012
Oahu con.					
Kamehameha Hwy at Kalauao bridge	99	20.67	52,500	53,300	52,300
Kunia Rd near Kunia Dr	750	4.81	(NA)	(NA)	13,500
Hawaii					
Volcano Rd near Ikaika St	11	5.29	(NA)	39,300	39,200
Volcano Rd at Glenwood Park	11	19.66	6,000	5,900	5,800
Mamalahoa Hwy at states' south Kona baseyard	11	104.14	6,300	6,200	6,100
Queen Kaahumanu Hwy near Hualalai Rd	11	120.77	22,100	22,200	22,200
Hawaii Belt Rd north of Kalaoa bridge	19	8.01	10,500	10,300	10,100
Queen Kaahumanu Hwy near Kaupulehu Dr	19	83.60	11,800	12,300	12,600
Queen Kaahumanu Hwy north of OTEC access Rd	19	93.74	21,600	22,100	22,500
Keaau-Pahoa Rd south of waste station Rd	130	2.51	1/ 27,300	26,900	26,600
Maui					
Honoapiilani Hwy south of Kaanapali Pkwy	30	23.58	37,900	39,100	39,300
Honoapiilani Hwy north of Kahana Kai bridge	30	28.37	12,700	14,100	(NA)
Piilani Hwy near Lipoa Pkwy	31	6.97	(NA)	(NA)	31,500
Hana Hwy near Central Power Plant Rd	36	1.70	(NA)	(NA)	33,500
Hana Hwy near Baldwin Park	36	6.28	17,400	17,300	17,600
Keolani Pl near Palapala Dr	36A	0.51	(NA)	(NA)	14,400
Kaleakala Hwy near North Firebreak Rd	37	0.61	(NA)	(NA)	28,800
North Kihei Hwy near 9th St	310	0.86	(NA)	(NA)	15,000
Mokulele Hwy near Nakii Rd	311	2.38	(NA)	(NA)	30,000
Kuihelani Hwy near Mauilani Pkwy	380	1.52	(NA)	(NA)	21,900

Continued on next page.

Table 18.18-- TOTAL 24-HOUR TRAFFIC VOLUMES AT SELECTED SURVEY SITES: 2010 TO 2012 -- Con.

Site	Route	Milepoint	2010	2011	2012
Kauai					
Kaumualii Hwy near Nani St	50	1.51	(NA)	(NA)	23,600
Kaumualii Hwy at Punee Rd	50	8.35	(NA)	13,600	13,800
Kaumualii Hwy near Alawai Rd	50	22.37	(NA)	(NA)	10,600
Rice St near Mokoi St	51	0.79	(NA)	13,800	13,900
Kuhio Hwy near Huilei Rd	56	2.40	(NA)	(NA)	14,700
Kuhio Hwy northwest of Kolo Rd and Kalamania Rd	56	23.53	13,000	13,500	13,800
Nawiliwili Rd near Kanani St	58	1.44	(NA)	(NA)	11,900
Akuhuni Rd near Palai St	570	0.31	(NA)	(NA)	11,400

NA Not available.

1/ 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: 2008 TO 2011

Subject	2008	2009	2010	2011
Population (1,000s)	705	709	713	719
Peak travelers (1,000s)	390	393	397	402
Daily vehicle-miles of travel (1,000s)				
Freeway	6,150	1/ 6,200	1/ 6,213	6,265
Arterial streets	3,095	1/ 3,100	1/ 3,110	3,148
Cost components				
Value of time ($/hour)	16.10	16.01	16.30	16.79
Commercial cost ($/hour)	81.52	89.75	88.12	86.81
Gasoline ($/gallon)	3.74	2.87	3.47	3.66
Diesel ($/gallon)	4.34	3.86	4.04	4.43
Congested system (percent of lane-miles)	48	49	51	52
Annual excess fuel consumed 2/				
Total fuel (1,000 gallons)	1/ 11,850	1/ 12,573	1/ 11,204	11,298
Fuel per peak auto commuter (gallons)	1/ 24	1/ 28	1/ 24	24
Annual delay 3/				
Total delay (1,000s of person-hours)	1/ 19,358	1/ 19,816	1/ 20,699	20,873
Delay per peak auto commuter (person-hours) 4/	1/ 42	1/ 42	1/ 45	45
Congestion cost 5/				
Total cost ($ million)	1/ 391	1/ 404	1/ 423	427
Cost per peak auto commuter ($)	1/ 873	1/ 888	1/ 920	928

1/ Revised from previous *Data Book*.

2/ Increased fuel consumption due to travel in congested conditions rather than free-flow conditions.

3/ The overall size of the congestion problem. Measured by the total travel time above that needed to complete a trip at free-flow speeds.

4/ A yearly sum of all the per-trip delays for those persons who travel in the peak period (6 to 10 a.m. and 3 to 7 p.m.). This measure illustrates the effect of the per-mile congestion as well as the length of each trip.

5/ Value of travel delay for 2011 (estimated at $16.79 per hour of person travel and $86.81 per hour of truck time) and excess gasoline consumption (passenger vehicles) and diesel (trucks) estimated using state average cost per gallon.

Source: Texas Transportation Institute, *2012 Annual Urban Mobility Report* <http://mobility.tamu.edu/ums/report/> accessed June 13, 2013.

Table 18.20-- MAJOR TRAFFIC ACCIDENTS, TRAFFIC INJURIES, AND TRAFFIC DEATHS, 1995 TO 2011, AND BY COUNTY, 2010 AND 2011

Year	Major traffic accidents 1/		Persons injured or killed	
	Total	Fatal 2/	Injured only	Killed 2/
1995	16,583	118	12,874	127
1996	13,299	132	11,652	145
1997	12,445	117	11,190	131
1998	11,546	113	10,304	120
1999	10,632	90	9,604	98
2000	11,112	116	9,893	133
2001	10,872	133	8,647	141
2002	10,659	116	8,947	120
2003	11,289	117	9,088	135
2004	11,002	128	8,827	142
2005	10,592	129	8,574	140
2006	10,260	144	8,151	161
2007	9,546	125	7,487	138
2008	8,258	102	6,430	107
2009	7,373	99	5,783	109
2010	3/ 7,929	107	3/ 6,434	3/ 111
2011	4/ 2,758	4/ 98	4/ 2,265	4/ 101
COUNTY: 2010				
Honolulu	3/ 5,239	59	3/ 4,300	60
Hawaii	3/ 1,401	27	3/ 825	3/ 29
Kauai	3/ 440	9	3/ 395	10
Maui	3/ 849	12	3/ 914	12
COUNTY: 2011				
Honolulu	4/ 2,440	4/ 49	4/ 2,002	4/ 51
Hawaii	4/ 68	4/ 24	4/ 42	4/ 24
Kauai	4/ 231	4/ 6	4/ 214	4/ 6
Maui	4/ 19	4/ 19	4/ 7	4/ 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/ Effective 2005, based on Fatality Analysis Reporting System (FARS) data published by the National Highway Traffic Safety Administration.

3/ Revised from previous *Data Book.*

4/ 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: 2009 TO 2011

[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
2009, State total	139	83	59	56	41	7	5	49	35
Hawaii	36	19	53	17	48	-	1	17	47
Honolulu	70	47	67	23	33	7	10	17	24
Kauai	10	4	40	6	60	-	-	6	60
Maui	23	13	57	10	43	-	1	10	42
2010, State total	152	105	69	47	31	6	4	42	27
Hawaii	44	29	66	15	34	-	1	14	33
Honolulu	72	47	65	25	35	5	7	20	28
Kauai	16	12	75	4	25	-	-	4	25
Maui	20	17	84	3	17	-	-	3	17
2011, State total	140	90	64	50	36	7	5	43	31
Hawaii	31	16	52	15	48	3	11	12	37
Honolulu	77	58	75	19	25	3	4	16	21
Kauai	9	5	56	4	44	1	11	3	33
Maui	23	11	47	12	53	-	1	12	53

Source: U.S. Department of Transportation, National Highway Traffic Safety Administration (NHTSA), National Center for Statistics & Analysis (NCSA), Fatality Analysis Reporting System (FARS), FARS Encyclopedia: Reports, FARS Encyclopedia: States - Alcohol <http://www-fars.nhtsa.dot.gov/States/StatesAlcohol.aspx> accessed June 18, 2013.

Table 18.22-- REGISTERED TAXICABS AND BICYCLES, BY ISLAND: 2010 TO 2012

Island	Taxicabs 1/			Bicycles and mopeds 2/		
	2010	2011	2012	2010	2011	2012
Hawaii	197	205	202	6,059	5,551	5,089
Maui	3/ 161	3/ 360	(NA)	4,362	4,986	(NA)
Lanai	(NA)	(NA)	(NA)	33	17	(NA)
Molokai	(NA)	(NA)	(NA)	15	30	(NA)
Oahu	1,609	1,959	1,632	339,005	4/ 373,856	406,296
Kauai 5/	-	-	-	2,928	2,850	2,782

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/ Revised from previous *Data Book.*

5/ 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 TO 2007

[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
2007	102	25	40	11	26
Revenue ($1,000)					
1997	347,624	45,172	154,679	(NA)	104,759
2002	478,241	70,509	208,435	61,100	138,197
2007	(D)	103,774	(D)	82,207	(D)

NA Not available.

D Withheld to avoid disclosing data for individual companies.

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; *2007 Economic Census, Real Estate and Rental and Leasing: Geographic Area Series: Hawaii* <http://www.census.gov/econ/census07/> accessed June 1, 2010.

Table 18.24-- MOTOR CARRIER CHARACTERISTICS, BY COUNTY: 2010 TO 2012

[As of September]

County	Passenger carriers 1/			Property carriers 2/	
	Number of carriers	Number of vehicles	Seating capacity	Number of carriers	Number of vehicles
2010					
State total	1,252	4,097	95,707	6,018	30,734
Hawaii	212	1,047	23,338	1,289	5,052
Maui	172	741	18,029	924	3,690
Honolulu	802	2,086	49,367	3,223	19,762
Kauai	66	223	4,973	582	2,230
2011					
State total	1,629	5,815	141,379	6,245	31,185
Hawaii	276	908	22,700	1,315	5,154
Maui	224	965	24,100	979	3,910
Honolulu	1,043	3,651	87,595	3,352	20,553
Kauai	86	291	6,984	599	1,568
2012					
State total	1,711	6,193	147,875	6,101	31,085
Hawaii	292	950	22,486	1,350	5,278
Maui	234	1,011	24,820	924	3,875
Honolulu	1,095	3,928	93,407	3,251	19,931
Kauai	90	304	7,162	576	2,001

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 2012

[As of June 30. Service provided by City and County of Honolulu bus system]

Year	Number of buses 1/	Bus mileage 2/	Total passengers 3/	Revenues (dollars)
1993	470	18,120,044	76,136,390	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 4/	536	19,380,256	61,297,980	33,652,238
2005	496	21,558,149	67,406,827	39,925,419
2006	499	21,166,957	70,384,355	41,531,437
2007	524	21,075,502	71,749,376	41,742,352
2008	528	21,536,584	69,759,954	41,984,132
2009	530	21,502,920	77,329,706	42,454,923
2010	530	21,324,615	73,158,633	45,874,670
2011	516	21,378,394	73,832,127	51,721,436
2012	515	21,233,308	76,296,482	54,774,006

1/ Number of buses refers to number of buses in active fleet.
2/ Estimated number of vehicle miles.
3/ Estimated number of passengers, including senior citizens and disabled.
4/ Bus strike for 34 days.
Source: City and County of Honolulu, Department of Transportation Services, Public Transit Division, records.

Table 18.26-- BUS FARE CHRONOLOGY, FOR OAHU: 1971 TO 2013

[As of July 1, 2013. 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	2.00	1.00	40.00	20.00
July 1, 2009 4/	2.25	1.00	50.00	25.00
July 1, 2010 5/	2.50	1.25	60.00	30.00

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: $550.00, youth: $275.00.

5/ Other fares. Annual pass, adult: $660.00, youth: $330.00.

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 June 18, 2013.

Table 18.27-- AIRPORTS AND HELIPORTS, BY CONTROL, BY ISLAND: 2012

[As of December 31]

Island	Airports 1/				Heliports 3/	
	State 2/					
	Com-mercial	General aviation	Military	Semi-private	State: commercial	Semi-private
State total	9	7	4	1	-	6
Hawaii	2	2	1	-	-	5
Maui	2	1	-	-	-	-
Kahoolawe	-	-	-	-	-	-
Lanai	1	-	-	-	-	-
Molokai	1	1	-	-	-	-
Oahu	1	2	2	-	-	1
Kauai	1	1	1	1	-	-
Niihau	-	-	-	-	-	-
Kure Atoll 4/	1	-	-	-	-	-

1/ Excludes private airports.

2/ Three airports classified as general aviation fields (Waimea-Kohala, Hana, and Kalaupapa) provide regular air service.

3/ Excludes military and private heliports.

4/ Owned by the U.S. Department of the Interior, Fish and Wildlife Service.

Source: Hawaii State Department of Transportation, Airports Division, records.

Table 18.28-- HONOLULU INTERNATIONAL AIRPORT AIRCRAFT OPERATIONS AND ENPLANED PASSENGERS: 2000 TO 2011

[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
2007	249,607	10,237,304	25
2008	228,420	9,450,696	25
2009	219,158	8,615,603	25
2010	202,150	8,633,599	25
2011	206,789	8,598,902	27

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/about/office_org/headquarters_offices/apl/aviation_forecasts/taf_reports/> accessed June 24, 2013.

Table 18.29-- AIRCRAFT OPERATIONS, BY TYPE OF AIRCRAFT, AT MAJOR STATE-OWNED AIRPORTS: 2010 TO 2012

[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
2010					
Honolulu International	263,440	144,247	58,013	47,431	13,749
Kahului	118,896	39,400	59,387	17,287	2,822
Kona International	124,889	24,691	15,815	72,024	12,359
Lihue	106,815	22,779	46,619	33,207	4,210
Hilo International	78,663	14,033	39,219	15,394	10,017
Molokai	26,491	-	19,679	6,065	747
Kalaeloa	112,830	-	85	90,777	21,968
2011					
Honolulu International	263,340	148,234	57,417	43,733	13,956
Kahului	121,962	38,078	62,151	18,646	3,087
Kona International	109,456	24,203	18,086	49,420	17,747
Lihue	100,487	23,359	47,679	24,281	5,168
Hilo International	78,003	14,213	38,459	12,815	12,516
Molokai	30,056	-	21,038	6,539	2,479
Kalaeloa	123,219	1	12	96,063	27,143
2012					
Honolulu International	278,145	155,904	63,550	44,519	14,172
Kahului	130,010	43,374	65,872	18,418	2,346
Kona International	116,654	22,789	24,799	55,727	13,339
Lihue	118,431	28,522	62,482	23,746	3,681
Hilo International	79,064	14,919	40,794	14,710	8,641
Molokai	34,672	-	26,475	6,352	1,845
Kalaeloa	121,114	-	54	98,175	22,885

Source: Hawaii State Department of Transportation, Airports Division, records.

Table 18.30-- AIRCRAFT OPERATIONS FOR SPECIFIED AIRPORTS: 1991 TO 2012

[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
2008	286,593	75,598	127,796	128,022	113,371	31,200
2009	274,434	67,851	109,581	118,800	99,171	24,295
2010	263,440	78,663	124,889	118,896	106,815	26,491
2011	263,354	78,687	111,968	122,449	100,487	30,274
2012	278,145	79,064	116,654	130,010	118,431	34,672

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 18.31-- TRANSPACIFIC AND INTER-ISLAND AIR CARRIERS SERVING HAWAII: 2001 TO 2012

[As of June 30. Includes both scheduled and nonscheduled service, and also commuter lines and other air taxi service]

Service	2001	2002	2003	2004	2005	2006
All carriers	43	44	43	43	43	42
Transpacific only	29	30	30	32	32	32
Domestic	13	13	14	13	13	14
Foreign	16	17	16	19	19	18
Transpacific and interisland	2	3	2	2	2	2
Interisland only	12	11	11	9	9	8
Passenger carriers	4	4	4	4	4	4
Cargo and mail only	8	7	7	5	5	4

Service	2007	2008	2009	2010	2011	2012
All carriers	39	37	39	33	37	38
Transpacific only	30	28	30	24	1/ 26	28
Domestic	14	13	12	11	13	17
Foreign	16	15	18	13	14	12
Transpacific and interisland	2	2	1	2	1	1
Interisland only	7	7	8	7	10	9
Passenger carriers	3	3	3	4	6	6
Cargo and mail only	4	4	5	3	4	3

1/ Revised from previous *Data Book.*

Source: Hawaii State Department of Transportation, Airports Division, records; starting 2004 data from Official Airline Guide, records; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 18.32-- ESTIMATED SCHEDULED AIRLINE SEAT CAPACITY FOR ARRIVING FLIGHTS: 2010 TO 2012

[Non-stop flights only, does not include charter flights]

Airport	2010	2011	2012
State of Hawaii	9,190,240	9,275,822	10,071,160
Honolulu International	6,389,166	6,444,098	6,998,154
Kahului	1,680,120	1,688,594	1,791,027
Kona International	668,661	586,914	633,786
Hilo International	-	37,052	59,163
Lihu'e	452,293	519,164	589,030
Domestic	6,668,392	6,559,011	6,890,742
International	2,521,848	2,716,811	3,180,418

Source: Hawaii Tourism Authority, Tourism Research, *Final Monthly Visitors Statistics 2010;* Hawaii Tourism Authority, Tourism Research, *Final Monthly Visitors Statistics 2011* and Hawaii Tourism Authority, Tourism Research, *Monthly Visitor Statistics, December 2012* <http://www.hawaiitourismauthority.org/index.cfm?page=tourism_research&level1=tourism_research> accessed May 28, 2013.

Table 18.33-- 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.	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 18.34-- SELECTED STATISTICS FOR HAWAIIAN AIRLINES: 2007 TO 2010

Subject	2007	2008	2009	2010
Operating aircraft (year-end)	29	32	33	(NA)
Employees (full-time equivalents)	3,105	3,190	3,600	3,600
Aircraft departures (thousands) 1/	57	65	74	(NA)
Passengers enplaned (millions) 2/	7.1	7.8	8.3	8.4
Revenue passenger miles (billions) 2/	7.9	7.8	8.1	8.7
Cargo revenue ton miles (millions) 1/	70.0	76.7	75.0	84.0

NA Not available.
1/ All services.
2/ Scheduled services only.
Source: Airlines for America, *Economic Report* (annual) <http://www.airlines.org/Pages/A4A-Economic-Reports-of-the-U.S.-Airline-Industry.aspx> accessed June 18, 2013.

Table 18.35-- RANK OF HAWAII LOCATIONS AMONG THE TOP DOMESTIC AIRLINE MARKETS: 2007 TO 2010

Rank	Origin or destination	Daily Passengers (Average, Each Way)	Average One-Way Ticket Price 1/
2007			
7	Honolulu - Kahului	2,660	35.38
22	Honolulu - Lihue	1,847	35.70
26	Honolulu - Kona	1,771	37.40
29	Honolulu - Hilo	1,694	38.20
34	Honolulu - Los Angeles	1,615	195.14
2008			
11	Honolulu - Kahului	2,091	53.46
30	Honolulu - Lihue	1,497	54.57
32	Honolulu - Kona	1,463	61.24
36	Honolulu - Los Angeles	1,449	231.83
2009			
30	Honolulu - Los Angeles	1,446	214.69
2010			
11	Honolulu - Maui	1,895	59.89

1/ Includes government-imposed taxes and fees.

Source: Airlines for America, *Economic Report* (annual) <http://www.airlines.org/Pages/A4A-Economic-Reports-of-the-U.S.-Airline-Industry.aspx> accessed June 18, 2013.

Table 18.36-- OVERSEAS AND INTER-ISLAND AIR PASSENGER MOVEMENTS: 1988 TO 2012

[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	8,273,740
2007	8,920,759	8,910,032	100,783	9,188,139
2008	8,015,424	8,027,546	13,092	7,707,047
2009	7,707,730	7,725,872	9,004	7,420,174
2010	8,352,599	8,358,377	3,275	6,882,052
2011	8,503,087	8,428,828	45,913	6,658,445
2012	9,178,412	9,190,908	15,578	7,018,163

1/ At airports in Honolulu, Kahului, Kona, Lihue and Hilo.
Source: Hawaii State Department of Transportation, Airports Division, records.

Table 18.37-- PASSENGERS, CARGO, AND MAIL, OVERSEAS AND INTERISLAND, BY AIRPORT: 2012

Airport	Passengers 1/		Cargo (U.S. tons)		Mail (U.S. tons)	
	Departures	Arrivals	Outgoing	Incoming	Outgoing	Incoming
OVERSEAS						
Total	9,190,908	9,178,412	141,099	195,018	19,460	49,308
Honolulu	6,436,397	6,402,263	134,908	183,553	17,305	41,818
Kahului	1,624,470	1,618,644	1,687	7,996	658	3,596
Kona 2/	560,195	584,615	4,456	2,924	1,497	3,894
Lihue	519,205	527,959	45	540	-	-
Hilo	50,641	44,931	4	6	-	-
INTERISLAND						
Total	7,018,163	7,018,163	64,965	64,965	12,302	12,302
Honolulu	3,227,434	3,209,740	39,801	24,741	8,701	3,574
Kahului	1,332,091	1,350,847	4,668	11,473	1,690	4,221
Kona 2/	852,844	844,281	3,293	7,562	860	2,051
Lihue	808,986	802,893	3,991	10,037	-	35
Hilo	621,149	632,638	12,729	8,932	1,052	2,421
Molokai	84,653	86,703	199	664	-	-
Lanai	45,146	45,365	81	804	-	-
Kapalua	42,549	42,028	174	583	-	-
Kalaupapa	87	86	29	168	-	-
Hana	3,219	3,566	-	-	-	-
Waimea-Kohala	5	16	-	-	-	-

1/ Revenue and non-revenue passengers, excluding passengers in transit and Military Airlift Command (MAC).
2/ Formerly Keahole Airport.
Source: Hawaii State Department of Transportation, Airports Division, records.

Table 18.38-- AIR CARGO AND AIRMAIL: 1989 TO 2012

[In thousands of pounds]

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
2008	238,648	401,225	55,186	116,443	126,376	35,606
2009	222,112	373,800	51,720	111,637	120,804	32,354
2010	253,571	394,315	54,643	158,671	132,666	35,945
2011	231,234	367,534	42,326	95,390	130,115	29,554
2012	282,198	390,037	38,920	98,617	129,929	24,605

Source: Hawaii State Department of Transportation, Airports Division, records.

Table 18.39-- NON-STOP FLIGHTS TO DEPART STATE OF HAWAII, BY DESTINATION: JULY 2012

[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	980	Canada	19
		Vancouver	19
U.S.	755		
		Japan	133
West	684	Fukuoka	14
Anchorage	7	Nagoya	14
Bellingham	7	Osaka	21
Denver	12	Tokyo - Haneda	21
Fresno	1	Tokyo - Narita	63
Las Vegas	22		
Los Angeles	263	Other Asia	30
Oakland	42	Seoul	28
Phoenix	57	Shanghai	2
Portland	24		
Sacramento	17	Oceania	20
Salt Lake City	7	Auckland	3
San Diego	25	Sydney	17
San Francisco	100		
San Jose	40	Other	23
Seattle	60	Apia	1
		Christmas Island	1
East	71	Guam	7
Atlanta	7	Majuro	3
Chicago	15	Manila	7
Dallas / Fort Worth	21	Nadi	1
Houston	7	Pago Pago	2
New York	7	Papeete	1
Newark	7		
Washington, D.C.	7		

Source: Diio - Mi®, Hawai‘i Tourism Authority, Tourism Research.

Table 18.40-- ONE-WAY FARES FOR INTER-ISLAND FLIGHTS BY HAWAIIAN AIRLINES: 2008 TO 2012

[As of July 1]

Category	2008	2009	2010	2011	2012
Regular fare	170.00	218.10	191.20	191.20	191.30
Lowest capacity-controlled fare	1/ 70.00	54.10	74.20	90.20	95.30

1/ Normal fare. Short-term special fares were also offered.
Source: Hawaiian Airlines, records.

Table 18.41-- ANNUAL AVERAGE ROUND TRIP AIR FARES BETWEEN HONOLULU AND SELECTED DESTINATIONS: 2002 TO 2012

[Annual average, direct round-trip airfare in dollars, includes all airlines, includes all classes, excludes non-revenue passengers]

Year	Los Angeles	San Francisco	Las Vegas	Portland, Oregon	Seattle	Dallas/Fort Worth	Chicago
2002 1/	386	398	373	403	475	494	555
2003 1/	346	345	378	426	444	518	558
2004 1/	361	376	412	425	431	566	530
2005 1/	370	372	405	399	444	578	567
2006 1/	372	373	430	432	470	627	600
2007 1/	395	385	432	405	420	604	610
2008 1/	476	480	508	454	448	693	682
2009 1/	441	425	448	388	388	681	723
2010 1/	429	416	449	400	407	719	679
2011 1/	507	490	468	424	478	835	708
2012	510	470	471	489	511	820	782

1/ Due to a change in source, data from 2002-2011 have been revised from previous *Data Book.*

Source: United States Department of Transportation, Origin and Destination data from Diio - Mi®.

Table 18.42-- STATE COMMERCIAL HARBORS: 2012

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	10	693
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							
Kaumalapau	60	20-60	(NA)	(NA)	400	-	100
Oahu							
Honolulu							
Main	45	40	3,300	1,520	29,872	1,208	9,030
Kapalama			3,400	1,000			
Kalaeloa							
Barbers Point	42	38	2,100	1,800	2,990	36	1,838
Kauai							
Nawiliwili	40	35	1,950	1,540	2,216	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 18.43-- HARBOR DEPTHS: 2011

[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 2011, Part 4 Waterways and Harbors Pacific Coast, Alaska and Hawaii, Section 1 Freight Traffic* <http://www.navigationdatacenter.us/wcsc/webpub11/webpubpart-4.htm> accessed June 24, 2013.

Table 18.44-- SMALL CRAFT MOORING FACILITIES, BY ISLAND: DECEMBER 31, 2012

Island	Catwalks and piers		Other mooring areas		Offshore mooring	
	Capacity	Moored	Capacity	Moored	Capacity	Moored
State total	1,838	1,672	214	182	1/ 539+	444
Hawaii	378	345	30	21	1/ 100+	94
Maui	188	187	-	-	150	105
Oahu	1,147	1,016	168	145	1/ 250+	231
Kauai	125	124	16	16	39	14

1/ '+' means equal to or greater (=>) than the number shown.

Source: Hawaii State Department of Land and Natural Resources, Division of Boating and Ocean Recreation, records.

Table 18.45-- LIGHTHOUSES AND RELATED FACILITIES, BY ISLAND: APRIL 2011

[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 sea level (feet)	Highest Structure Height (feet)
	By control			Light-houses			
	Total	Federal	Other 1/				
Total	548	317	231	21	2/ 25	2/ 931	3/ 153
Hawaii	65	52	13	8	24	156	153
Maui	75	34	41	2	10	161	40
Molokini	1	1	-	-	21	186	138
Kahoolawe	1	1	-	-	7	120	20
Lanai	16	8	8	1	8	91	37
Molokai	19	10	9	1	21	321	8
Oahu	242	156	86	5	25	931	25
Kauai	45	28	17	4	24	174	10
Niihau	-	-	-	-	-	-	-
Lehua	1	1	-	-	7	704	10
Midway	19	19	-	-	4	51	51
At sea	64	7	57	-	-	-	-

1/ State and private. Includes State-maintained fish aggregating buoys at sea.
2/ Kaena Point Light.
3/ Cape Kumukahi Light.
Source: United States Coast Guard, Fourteenth Coast Guard District, records.

Table 18.46-- UNDOCUMENTED VESSEL REGISTRATION: DECEMBER 31, 2012

Subject	Number	Subject	Number
Registered vessels	13,328	Type of vessel:	
		Aux. powered sailing vessel	1,062
Length		Cabin motorboat	2,340
Under 16 feet	4,519	Open motorboat	5,322
16 to less than 26 feet	6,856	Runabout	2,131
26 to less than 40 feet	1,724	Sail only	567
40 to 65 feet	219	Houseboat	4
Over 65 feet	10	Motor vessel over 65 feet in length	12
		Thrill craft	1,246
Hull material		Other	644
Aluminum	463		
Fiberglass / plastic	11,764	Uses:	
Rubber / fabric	483	Pleasure	12,282
Wood	480	Commercial fishing	292
Other	113	Charter fishing	13
Steel	25	Commercial passenger	227
Unknown	-	Other commercial	106
		Livery	62
Propulsion		Dealer	11
Inboard	3,481	Manufacturer	4
Outboard	5,047	Youth group - fee exempt	81
Inboard / outboard	1,765	Government - fee exempt	230
Sail / inboard	644	Other	20
Sail / outboard	481		
Sail only	474	Island where vessel is kept:	
Manual	75	Hawaii	2,374
Other	57	Kauai	1,400
Unknown	-	Lanai	65
Waterjet	1,304	Maui	1,450
		Molokai	181
Mooring location		Oahu	7,858
Moored on water	2,902	Not specified	-
Moored on land	10,426		
Not disclosed	-		

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 18.47-- NUMBERED VESSELS REGISTERED IN HAWAII: 1997 TO 2012

[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 auxilary 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	2005	15,302
1998	15,138	2006	15,015
1999	15,481	2007	15,094
2000	14,874	2008	16,744
2001	14,273	2009	15,709
2002	15,445	2010	14,847
2003	15,587	2011	14,073
2004	17,130	2012	13,328

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 18.48-- BOATING ACCIDENTS: 1991 TO 2012

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
2008	27	5	5	22	30	299.0
2009	31	8	8	-	34	31.0
2010	21	4	4	3	21	(NA)
2011	28	6	6	1	32	55.4
2012	32	5	5	7	35	242.9

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 18.49-- VESSEL ARRIVALS, BY DRAFT: 2010 AND 2011

[Excludes domestic fishing craft]

Harbor	2010			2011		
	Total	18 feet and less	19 feet and more	Total	18 feet and less	19 feet and more
Hilo	737	542	195	1,009	632	377
Kawaihae	644	643	1	2,493	548	1,945
Kahului	987	860	127	1,650	1,229	421
Barbers Point	899	779	120	823	700	123
Honolulu	3,408	2,757	651	4,431	3,519	912
Nawiliwili	579	467	112	2,733	523	2,210
Kaunakakai	211	211	-	114	114	-
Port Allen	25	25	-	25	25	-

Source: U.S. Army Corps of Engineers, Institute for Water Resources, *Waterborne Commerce of the United States Calendar Year 2010, 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 2011, Part 4 Waterways and Harbors Pacific Coast, Alaska and Hawaii, Section 2 Trips and Drafts of Vessels* <http://www.navigationdatacenter.us/wcsc/webpub11/webpubpart-4.htm> accessed June 24, 2013.

Table 18.50-- SHIP ARRIVALS AND CARGO TONNAGE AT THE PORT OF HONOLULU: 1985 TO 2012

[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
2008 1/	1,002	7,547,740	2,964	2,330,907
2009 1/	931	6,516,235	2,512	2,237,140
2010 1/	896	6,529,057	2,264	2,233,594
2011 1/ 2/	884	6,487,533	2,390	3,220,416
2012 1/ 2/	976	6,781,058	2,705	3,162,839

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.

2/ Increase in cargo volume for inter-island due to new tariff structure effective March 2010. Cargo volume has been adjusted to pre-March 2010 tariff structure.

Source: Hawaii State Department of Transportation, Harbors Division, records.

Table 18.51-- CRUISE SHIP PASSENGER ARRIVALS AND DEPARTURES, FOR HONOLULU HARBOR: 2007 TO 2012

[Fiscal years ending June 30. Includes cruise ships from out-of-state and cruise ships home-ported in Hawaii]

Type of passenger	2007	2008	2009	2010	2011	2012
In	469,054	390,274	222,460	213,304	420,649	240,245
Out	487,063	388,300	222,661	213,468	778,405	269,359

Source: Hawaii State Department of Transportation, Harbors Division, records.

Table 18.52-- WATERBORNE COMMERCE FOR SPECIFIED HARBORS: 1993 TO 2011

[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	10,513	10,353	1,091
1998	1,630	886	2,851	6,658	13,723	938
1999	1,701	1,090	3,513	8,707	12,259	1,348
2000	1,651	1,310	3,477	6,778	15,501	1,581
2001	1,680	1,378	3,695	6,079	16,562	1,478
2002	1,765	1,645	3,458	5,990	16,636	1,619
2003	1,850	1,801	3,778	5,930	17,836	1,721
2004	1,850	2,277	3,901	6,086	19,085	1,757
2005	1,996	2,217	4,132	6,344	20,394	1,977
2006	2,408	2,728	4,794	10,724	16,224	1,864
2007	2,782	2,558	5,630	11,295	17,582	2,333
2008	2,068	2,063	3,958	10,137	14,006	1,680
2009	1,088	1,112	2,139	9,670	9,161	951
2010	1,135	1,050	2,114	9,171	8,903	877
2011	1,984	1,811	3,504	9,800	12,658	1,667

Source: U.S. Army Corps of Engineers, Institute for Water Resources, *Waterborne Commerce of the United States Calendar Year 2011, Part 4 Waterways and Harbors Pacific Coast, Alaska and Hawaii, Section 1 Freight Traffic* <http://www.navigationdatacenter.us/wcsc/webpub11/webpubpart-4.htm> accessed June 24, 2013 and other annuals.

Table 18.53-- WATERBORNE COMMERCE, FOREIGN AND DOMESTIC, FOR SPECIFIED HARBORS: 2011

[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	1,984	1,811	3,504	9,800	12,658	1,667
Foreign						
Inbound	13	-	15	7,594	698	10
Outbound	-	-	-	250	237	-
Canadian						
Inbound	-	-	-	147	21	-
Outbound	-	-	-	7	125	-
Domestic						
Coastwise	1,972	1,811	3,489	1,803	11,577	1,657
Receipts	1,340	1,117	2,218	337	6,320	1,137
Shipments	632	694	1,272	1,466	5,257	520
Internal, inbound, upbound	-	-	-	-	-	-

Source: U.S. Army Corps of Engineers, Institute for Water Resources, *Waterborne Commerce of the United States Calendar Year 2011, Part 4 Waterways and Harbors Pacific Coast, Alaska and Hawaii, Section 1 Freight Traffic* <http://www.navigationdatacenter.us/wcsc/webpub11/webpubpart-4.htm> accessed June 24, 2013.

Table 18.54-- WATERBORNE COMMERCE, BY SELECTED COMMODITIES, FOR SPECIFIED HARBORS: 2011

[In 1,000 short tons. Categories may not sum to totals due to rounding]

Port and commodity	All commo-dities	Foreign		Canadian		Total	Domestic		
							Coastwise		Internal 1/
		Inbound	Outbound	Inbound	Outbound		Receipts	Shipments	
Hilo	1,984	13	-	-	-	1,972	1,340	632	-
Petroleum and petroleum products	476	13	-	-	-	464	464	-	-
Primary manufactured goods	24	-	-	-	-	24	20	4	-
Food and farm products	39	-	-	-	-	39	21	17	-
Manufactured equipment, machinery and products	1,409	-	-	-	-	1,409	809	600	-
Kawaihae	1,811	-	-	-	-	1,811	1,117	694	-
Petroleum and petroleum products	1	-	-	-	-	1	1	-	-
Primary manufactured goods	36	-	-	-	-	36	32	4	-
Food and farm products	94	-	-	-	-	94	65	29	-
Manufactured equipment, machinery and products	1,650	-	-	-	-	1,650	1,001	649	-
Kahului	3,504	15	-	-	-	3,489	2,218	1,272	-
Petroleum and petroleum products	510	15	-	-	-	495	493	2	-
Primary manufactured goods	38	-	-	-	-	38	32	6	-
Food and farm products	278	-	-	-	-	278	100	178	-
Manufactured equipment, machinery and products	2,572	-	-	-	-	2,572	1,560	1,011	-
Barbers Point	9,800	7,594	250	147	7	1,803	337	1,466	-
Petroleum and petroleum products	8,209	6,443	131	29	7	1,600	223	1,377	-
Primary manufactured goods	369	275	-	-	-	94	34	60	-
Food and farm products	(2/)	(2/)	-	-	-	-	-	-	-
Manufactured equipment, machinery and products	3	(2/)	-	-	-	3	2	1	-
Honolulu	12,658	698	237	21	125	11,577	6,320	5,257	-
Petroleum and petroleum products	1,062	526	49	-	125	363	268	95	-
Primary manufactured goods	326	28	38	-	-	260	203	58	-
Food and farm products	1,569	68	58	11	-	1,433	1,055	377	-
Manufactured equipment, machinery and products	9,138	56	11	-	-	9,071	4,432	4,639	-

Continued on next page.

Table 18.54-- WATERBORNE COMMERCE, BY SELECTED COMMODITIES, FOR SPECIFIED HARBORS: 2011 -- Con.

Port and commodity	All commo-dities	Foreign		Canadian		Total	Domestic		
							Coastwise		Internal 1/
		Inbound	Outbound	Inbound	Outbound		Receipts	Shipments	
Nawiliwili	1,667	10	-	-	-	1,657	1,137	520	-
Petroleum and petroleum products	109	10	-	-	-	100	98	2	-
Primary manufactured goods	28	-	-	-	-	28	22	6	-
Food and farm products	27	-	-	-	-	27	22	5	-
Manufactured equipment, machinery and products	1,489	-	-	-	-	1,489	990	499	-

1/ Includes internal, inbound and upbound.

2/ Figure rounds down to zero.

Source: U.S. Army Corps of Engineers, Institute for Water Resources, *Waterborne Commerce of the United States Calendar Year 2011, Part 4 Waterways and Harbors Pacific Coast, Alaska and Hawaii, Section 1 Freight Traffic* <http://www.navigationdatacenter.us/wcsc/webpub11/webpubpart-4.htm> accessed June 24, 2013.

Table 18.55-- TRANSPORTATION AND WAREHOUSING, EMPLOYMENT AND WAGES (NAICS 48-49), SELECTED CODES: 2011

[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 establish-ments	Annual average employ-ment	Total annual wages ($1,000)	Annual wages per employee
	Total	969	23,758	1,013,357	42,653
481	Air transportation	79	7,152	369,793	51,705
4811	Scheduled air transportation	53	6,916	357,502	51,693
4812	Nonscheduled air transportation	26	236	12,291	52,044
483	Water transportation	22	1,728	99,262	57,440
484	Truck transportation	212	3,070	119,261	38,853
4841	General freight trucking	106	1,607	66,642	41,476
4842	Specialized freight trucking	106	1,463	52,619	35,971
485	Transit & ground passenger transp.	124	2,333	51,046	21,884
4854	School & employee bus transp.	19	1,133	22,961	20,258
4859	Other ground passenger transp.	50	829	18,255	22,034
487	Scenic & sightseeing transportation	204	3,671	111,645	30,417
4871	Scenic & sightseeing transp., land	41	1,593	44,112	27,700
4872	Scenic & sightseeing transp., water	139	1,669	47,835	28,662
4879	Scenic & sightseeing transp., other	24	409	19,698	48,152
488	Support activities for transportation	208	3,702	178,523	48,220
4881	Support activities for air transp.	57	1,783	58,280	32,683
4883	Support activities for water transp.	26	1,091	91,004	83,452
4884	Support activities for road transp.	46	306	6,218	20,349
4885	Freight transportation arrangement	72	425	19,473	45,783
4889	Other support activities for transp.	7	98	3,548	36,324
491	Postal service	6	19	364	19,263
492	Couriers & messengers	74	1,446	57,208	39,558
4921	Couriers and express delivery services	41	1,305	53,077	40,665
4922	Local messengers and local delivery	33	141	4,131	29,312
493	Warehousing & storage	41	638	26,255	41,157

Source: U.S. Department of Labor, Bureau of Labor Statistics, *Employment and Wages, Annual Averages 2011,* table 10 <http://www.bls.gov/cew/cewbultn11.htm> accessed June 25, 2013.

Table 18.56-- SHIPMENT CHARACTERISTICS BY STATES OF ORIGIN AND DESTINATION: 2007

Characteristics	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
Total originating in Hawaii	22,043	35,270	1,547
Destination			
Hawaii	21,294	35,089	967
California	390	133	352
Oregon	15	(1/)	(1/)
Washington	35	(1/)	(1/)
Mode of transportation			
Single modes	19,373	34,452	1,096
Truck	10,381	18,576	242
Water	469	785	247
Air (includes truck and air)	721	(1/)	118
Pipeline 2/	7,801	14,889	(1/)
Multiple modes	2,098	522	444
Parcel, U.S. Postal Service or courier	1,076	16	10
Truck and water	1,015	500	382
Other multiple modes	(1/)	(1/)	(1/)
Other and unknown modes	572	297	8
Distance shipped (miles)			
Less than 50	17,890	31,339	375
50 to 99	946	966	120
100 to 249	2,442	2,777	469
250 to 499	16	(1/)	(1/)
500 to 2,000	-	-	-
More than 2,000	749	180	580
Commodity 3/			
Meat, fish, seafood, and their preparations	875	181	33
Other prepared foodstuffs and fats and oils	1,437	832	148
Gasoline and aviation turbine fuel	5,397	7,815	229
Fuel oils	3,682	8,657	265
Pharmaceutical products	1,256	6	(1/)
Printed products	229	100	(1/)
Textiles, leather, and articles of textiles or leather	343	(1/)	4
Electronic and other electrical equipment and components and office equipment	650	56	3

1/ Withheld because estimate did not meet publication standards.
2/ Estimates exclude shipments of crude petroleum.
3/ Based on the Standard Classification of Transported Goods (SCTG) coding system.
Source: U.S. Census Bureau, *2007 Economic Census, 2007 Commodity Flow Survey,* various tables. <http://www.census.gov/econ/census07/> accessed June 9, 2010.

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 2007, 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: 2012.*

Table Number **Table Name**

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Table 19.01-- FARMS, LAND IN FARMS, AND SELECTED ITEMS: 2002 AND 2007

Item	Unit	2002	2007
Farms	number	5,398	7,521
Land in farms	acres	1,300,499	1,121,329
Average size of farm	acres	241	149
Value of land and buildings 1/			
Average per farm	dollars	842,875	1,146,213
Average per acre	dollars	3,507	7,688
Estimated market value of all machinery and equipment 1/			
Total	$1,000	186,163	304,997
Average per farm	dollars	35,568	40,666
Farms by size			
1 to 9 acres		3,440	4,813
10 to 49 acres		1,309	1,972
50 to 179 acres		335	423
180 to 499 acres		146	154
500 to 999 acres		61	44
1,000 acres or more		107	115
Total cropland	farms	4,755	6,281
	acres	211,120	177,626
Harvested cropland	farms	4,522	6,044
	acres	109,461	103,120
Irrigated land	farms	2,231	2,810
	acres	69,194	58,635
Market value of agricultural products sold	$1,000	533,423	513,626
Average per farm	dollars	98,819	68,292
Crops, including nursery and greenhouse crops	$1,000	445,356	429,916
Livestock, poultry, and their products	$1,000	88,067	83,711
Farms by value of sales			
Less than $2,500		1,407	2,932
$2,500 to $4,999		714	1,012
$5,000 to $9,999		916	996
$10,000 to $24,999		1,056	1,143
$25,000 to $49,999		506	557
$50,000 to $99,999		314	353
$100,000 or more		485	528

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Table 19.01-- FARMS, LAND IN FARMS, AND SELECTED ITEMS: 2002 AND 2007 -- Con.

Item	Unit	2002	2007
Farm by type of organization			
Family or individual		4,629	6,363
Partnership		225	437
Corporation		472	617
Other-cooperative, estate or trust, institutional, etc		72	104
Operators by days worked off farm			
None		2,786	1,903
Any		2,612	5,618
200 days or more		1,661	2,827
Operators by principal occupation			
Farming		3,125	3,861
Other		2,273	3,660
Average age of principal operator	years	56.5	58.6
Total farm production expenses 1/	$1,000	450,946	486,648
Livestock and poultry			
Cattle and calves inventory	farms	748	1,142
	number	154,308	151,479
Beef cows	farms	578	853
	number	83,277	86,000
Milk cows	farms	27	15
	number	6,465	2,296
Cattle and calves sold	farms	550	713
	number	60,739	70,567
Hogs and pigs inventory	farms	204	225
	number	23,364	14,933
Hogs and pigs sold	farms	158	148
	number	33,231	20,569
Broilers and other meat-type chickens sold	farms	17	7
	number	881,112	(D)

Continued on next page.

Table 19.01-- FARMS, LAND IN FARMS, AND SELECTED ITEMS: 2002 AND 2007 -- Con.

Item	Unit	2002	2007
Selected crops harvested			
Corn for grain	farms	12	14
	acres	4,383	3,115
	bushels	203,391	124,878
Sugarcane for sugar	farms	2	9
	acres	(D)	(D)
	tons	(D)	(D)
Pineapples harvested	farms	34	42
	acres	10,211	(D)
	tons	314,626	(D)
Vegetables harvested 2/	farms	633	901
	acres	6,554	6,845
Potatoes	farms	11	15
	acres	6	7
Sweet potatoes	farms	59	94
	acres	294	297
Land in orchards	farms	2,833	4,443
	acres	34,908	36,652

D Withheld to avoid disclosing data for individual farms.
1/ Data are based on a sample of farms.
2/ Data for 2002 do not include potatoes, sweet potatoes, or ginseng.
Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *2007 Census of Agriculture, Vol.1, Part 11, Hawaii* (February 2009), "Table 1. Historical Highlights: 2007 and Earlier Census Years", pp. 7-8.

Table 19.02-- FARMS AND LAND IN FARMS, BY COUNTY: 2007

Item	Unit	Hawaii	Honolulu	Kauai	Maui
Farms	number	4,650	967	748	1,156
Land in farms	acres	683,819	60,408	151,534	225,568
Average size of farm	acres	147	62	203	195
Value of land and buildings 1/					
Average per farm	dollars	1,022,976	1,106,333	1,259,559	1,601,950
Average per acre	dollars	6,956	17,710	6,217	8,210
Estimated market value of all machinery and equipment 1/					
Average per farm	dollars	31,981	61,269	49,828	52,480
Farms by size					
1 to 9 acres		2,865	699	483	766
10 to 49 acres		1,314	177	192	289
50 to 179 acres		289	58	28	48
180 to 499 acres		95	18	20	21
500 to 999 acres		27	2	4	11
1,000 acres or more		60	13	21	21
Total cropland	farms	3,909	793	604	975
	acres	81,837	18,896	22,336	54,557
Harvested cropland	farms	3,762	778	576	928
	acres	56,310	9,518	10,764	26,528
Irrigated land	farms	1,166	607	387	650
	acres	8,097	8,437	14,074	28,027
Market value of agricultural products sold	$1,000	202,572	126,577	45,151	139,326
Average per farm	dollars	43,564	130,897	60,362	120,524
Crops, including nursery and greenhouse crops	$1,000	150,251	106,836	40,771	132,058
Livestock, poultry, and their products	$1,000	52,322	19,742	4,380	7,268

1/ Data are based on a sample of farms.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *2007 Census of Agriculture, Vol.1, Part 11, Hawaii* (February 2009), "Table 1. County Summary Highlights: 2007", p.232.

Table 19.03-- NUMBER OF FARMS, FARM ACREAGE, AND FARM EMPLOYMENT: 2000 TO 2011

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
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	1,160	(NA)	(NA)	7,000
2007	7,500	1,120	(NA)	(NA)	6,500
2008	7,500	1,110	3,300	900	6,200
2009	7,500	1,110	3,500	1,000	6,200
2010	7,500	1,110	3,800	1,000	6,400
2011	7,500	1,110	(6/)	(6/)	7/ 7,100

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/ Total farm workforce, self-employed operators, and unpaid workers estimates were discontinued from July 2002 to April 2007 due to a change in the National labor statistics program.

5/ Unpaid farm workers include family members and others that worked 15 or more hours during the survey week.

6/ Beginning October 2011, data series discontinued.

7/ Annual averages are based on survey data for January, July, and October.

Source: USDA National Agricultural Statistics Service, Hawaii Annual Statistics Bulletin (annual) <http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Annual_Statistical_Bulletin/index.asp> accessed June 17, 2013, and Hawaii Agricultural Statistics Service, records.

Table 19.04-- VALUE OF CROP AND LIVESTOCK SALES: 1985 TO 2011

[Thousands of dollars]

Year	All crops and livestock	Crops				Livestock
		All crops 1/	Sugar (unpro-cessed cane)	Pine-apples (fresh equiv.)	Other crops	
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	554,387	493,991	58,900	79,288	355,803	60,396
2006	558,333	499,684	50,200	73,652	375,832	58,649
2007	552,889	2/ 498,338	47,600	(D)	450,738	54,551
2008	570,920	2/ 522,139	44,200	(D)	477,939	48,781
2009	3/ 609,520	2/ 553,862	44,200	(D)	509,662	3/ 55,658
2010	3/ 644,620	2/ 3/ 583,680	69,800	(D)	3/ 513,880	3/ 60,940
2011	679,504	2/ 602,881	78,100	(D)	524,781	76,623

D Data not shown separately to avoid disclosure of individual operations but combined and included in total crop value.

1/ Sum of individual commodities may not add to total. Forage crops' and forest products' value combined and included in total crop value.

2/ Includes Pineapples.

3/ Revised from previous *Data Book.*

Source: USDA National Agricultural Statistics Service, Hawaii Annual Statistics Bulletin (annual) <http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Annual_Statistical_Bulletin/index.asp> accessed June 17, 2013.

Table 19.05-- NUMBER OF FARMS, FARM ACREAGE, AND FARM EMPLOYMENT, BY COUNTY: 1993 TO 2011

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					
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	1,440	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
2007	7,500	1,120	(NA)	(NA)	6,500
2008	7,500	1,110	3,300	900	6,200
2009	7,500	1,110	3,500	1,000	6,200
2010	7,500	1,110	3,800	1,000	6,400
2011	7,500	1,110	(6/)	(6/)	7/ 7,100
Hawaii					
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
2007	4,650	680	(NA)	(NA)	2,500
2008	4,650	670	(NA)	(NA)	2,350
2009	(8/)	(8/)	(NA)	(NA)	(8/)
2010	(8/)	(8/)	(NA)	(NA)	(8/)
2011	(8/)	(8/)	(NA)	(NA)	(8/)

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Table 19.05-- NUMBER OF FARMS, FARM ACREAGE, AND FARM EMPLOYMENT, BY COUNTY: 1993 TO 2011 -- 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					
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
2007	950	60	(NA)	(NA)	1,650
2008	950	60	(NA)	(NA)	1,600
2009	(8/)	(8/)	(NA)	(NA)	(8/)
2010	(8/)	(8/)	(NA)	(NA)	(8/)
2011	(8/)	(8/)	(NA)	(NA)	(8/)
Kauai					
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
2007	750	150	(NA)	(NA)	650
2008	750	150	(NA)	(NA)	550
2009	(8/)	(8/)	(NA)	(NA)	(8/)
2010	(8/)	(8/)	(NA)	(NA)	(8/)
2011	(8/)	(8/)	(NA)	(NA)	(8/)

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Table 19.05-- NUMBER OF FARMS, FARM ACREAGE, AND FARM EMPLOYMENT, BY COUNTY: 1993 TO 2011 -- 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					
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)	1,800
2005	850	260	(NA)	(NA)	1,700
2006	850	260	(NA)	(NA)	1,750
2007	1,150	230	(NA)	(NA)	1,700
2008	1,150	230	(NA)	(NA)	1,700
2009	(8/)	(8/)	(NA)	(NA)	(8/)
2010	(8/)	(8/)	(NA)	(NA)	(8/)
2011	(8/)	(8/)	(NA)	(NA)	(8/)

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/ Total farm workforce, self-employed operators, and unpaid workers estimates were discontinued from July 2002 to April 2007 due to a change in the National labor statistics program.

5/ Unpaid farm workers include family members and others that worked 15 or more hours during the survey week.

6/ Beginning October 2011, data series discontinued.

7/ Annual averages are based on survey data for January, July, and October.

8/ County estimates not published due to staff reduction-in-force but combined and included in the State total.

Source: USDA National Agricultural Statistics Service, Hawaii Annual Statistics Bulletin (annual) <http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Annual_Statistical_Bulletin/index.asp> accessed June 19, 2013, and Hawaii Agricultural Statistics Service, records.

Table 19.06-- VALUE OF CROP AND LIVESTOCK SALES, BY COUNTY: 1994 TO 2011

[Thousands of dollars]

County or island and year	All crops and livestock	Crops				Livestock
		All crops	Sugar (unprocessed cane)	Pineapples 1/ (fresh equiv.)	Other crops 1/	
State total						
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	554,387	493,991	58,900	79,288	355,803	60,396
2006	558,333	499,684	50,200	73,652	375,832	58,649
2007	552,889	2/ 498,338	47,600	(D)	450,738	54,551
2008	570,920	2/ 522,139	44,200	(D)	477,939	48,781
2009	3/ 609,520	2/ 553,862	44,200	(D)	509,662	3/ 55,658
2010	3/ 644,620	2/ 3/ 583,680	69,800	(D)	3/ 513,880	3/ 60,940
2011	679,504	2/ 602,881	78,100	(D)	524,781	76,623
Hawaii						
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	(D)	164,772	-	(D)	(D)	(D)
2006	183,177	152,302	-	(D)	(D)	30,875
2007	173,572	140,895	-	(D)	(D)	32,677
2008	165,525	137,086	-	(D)	(D)	28,439
2009	(NA)	(4/)	-	(D)	(D)	(4/)
2010	(NA)	(4/)	-	(D)	(D)	(4/)
2011	(NA)	(4/)	-	(D)	(D)	(4/)

Continued on next page.

Table 19.06-- VALUE OF CROP AND LIVESTOCK SALES, BY COUNTY: 1994 TO 2011 -- Con.

[Thousands of dollars]

County or island and year	All crops and livestock	Crops				Livestock
		All crops	Sugar (unprocessed cane)	Pineapples 1/ (fresh equiv.)	Other crops 1/	
Honolulu						
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	(D)	133,918	-	(D)	(D)	(D)
2006	(D)	146,013	-	(D)	(D)	(D)
2007	(D)	140,811	-	(D)	(D)	(D)
2008	(D)	166,679	-	(D)	(D)	(D)
2009	(NA)	(4/)	-	(D)	(D)	(4/)
2010	(NA)	(4/)	-	(D)	(D)	(4/)
2011	(NA)	(4/)	-	(D)	(D)	(4/)
Kauai						
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)	49,318	14,700	(D)	(D)	(D)
2006	(D)	60,352	9,500	(D)	(D)	(D)
2007	(D)	65,989	9,800	(D)	(D)	(D)
2008	(D)	74,646	9,700	(D)	(D)	(D)
2009	(NA)	(4/)	14,200	(D)	(D)	(4/)
2010	(NA)	(4/)	-	(D)	(D)	(4/)
2011	(NA)	(4/)	-	(D)	(D)	(4/)

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Table 19.06-- VALUE OF CROP AND LIVESTOCK SALES, BY COUNTY: 1994 TO 2011 -- Con.

[Thousands of dollars]

County or island and year	All crops and livestock	Crops				Livestock
		All crops	Sugar (unprocessed cane)	Pineapples 1/ (fresh equiv.)	Other crops 1/	
Maui						
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)	145,983	44,200	(D)	(D)	(D)
2006	(D)	141,017	40,700	(D)	(D)	(D)
2007	(D)	150,643	37,800	(D)	(D)	(D)
2008	(D)	143,728	34,500	(D)	(D)	(D)
2009	(NA)	(4/)	30,000	(D)	(D)	(4/)
2010	(NA)	(4/)	69,800	(D)	(D)	(4/)
2011	(NA)	(4/)	78,100	(D)	(D)	(4/)

D Data not shown to avoid disclosure of individual operations but included in State total.
NA Not available.
1/ County data may fail to add exactly to State total.
2/ Includes an undisclosed value of pineapple.
3/ Revised from previous *Data Book.*
4/ County estimates not published due to staff reduction-in-force but combined and included in the State total.
Source: USDA National Agricultural Statistics Service, Hawaii Annual Statistics Bulletin (annual) and <http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Annual_Statistical_Bulletin/index.asp> accessed June 17, 2013.

Table 19.07-- ACREAGE IN CROP, NUMBER OF CROP FARMS, AND VALUE OF CROP SALES: 2008 TO 2011

Subject	2008	2009	2010	2011
Acreage in crop (1,000 acres)				
Sugarcane	39.7	39.6	34.5	34.3
Pineapples (land used for pineapple)	(D)	(D)	(D)	(D)
Vegetables and melons (harvested acreage)	2.1	2.1	2.7	2.7
Fruits, excluding pineapples	4.1	3.9	4.1	3.9
Coffee	7.8	8.0	8.0	8.0
Macadamia nuts	17.0	17.0	17.0	17.0
All other crops	20.7	20.9	1/ 20.3	19.2
Number of crop farms				
Sugar	2	2	1	1
Pineapples	40	40	40	30
Vegetables and melons 2/	540	540	540	540
Fruits (excluding pineapples)	1/ 1,500	1,600	1,600	1,600
Coffee	830	830	830	830
Macadamia nuts	570	570	570	570
Taro	105	110	115	115
Flowers and nursery products	1,025	1,010	970	970
Value of crop sales ($1,000)				
Sugar (unprocessed cane)	44,200	44,200	69,800	78,100
Pineapples (fresh equivalent)	(D)	(D)	(D)	(D)
Vegetables, ginger root, herbs, and melons 3/	21,898	19,930	24,939	28,822
Fruits (excluding pineapples)	23,680	25,373	22,531	21,915
Coffee (parchment)	29,580	31,320	33,440	31,540
Macadamia nuts (in shell)	33,500	29,400	30,000	38,200
Taro	2,666	2,440	2,516	2,747
Seed crops	176,990	236,410	1/ 239,375	242,970
Flowers and nursery products	94,662	76,814	1/ 71,100	69,600

D Data not shown separately to avoid disclosure of individual operations but combined and included with all other crops.

1/ Revised from previous *Data Book.*

2/ Beginning 2007, ginger root, herbs, noni, kava (‘awa) and others combined and included in the Total (non-duplicated).

3/ Includes noni, kava (`awa), and others. Beginning 2007, non-published commodities not included to avoid disclosure of individual operations but combined and included in total crop value.

Source: USDA National Agricultural Statistics Service, Hawaii Annual Statistics Bulletin (annual) <http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Annual_Statistical_Bulletin/index.asp> accessed June 19, 2013.

Table 19.08-- ACREAGE IN CROP, NUMBER OF CROP FARMS, AND VALUE OF CROP SALES, BY COUNTY: 2011

Subject	Hawaii	Honolulu	Kauai	Maui
Acreage in crop (1,000 acres)				
Sugarcane	-	-	-	34.3
Pineapples (land used for pineapple)	(D)	(D)	(D)	(D)
Vegetables and melons (harvested acreage)	(1/)	(1/)	(1/)	(1/)
Fruits, excluding pineapples	(1/)	(1/)	(1/)	(1/)
Coffee	(D)	(D)	(D)	(D)
Macadamia nuts	(D)	(D)	(D)	(D)
All other crops	(1/)	(1/)	(1/)	(1/)
Number of crop farms				
Sugar	-	-	-	1
Pineapples	(1/)	(1/)	(1/)	(1/)
Vegetables and melons	(1/)	(1/)	(1/)	(1/)
Fruits (excluding pineapples)	(1/)	(1/)	(1/)	(1/)
Coffee	(D)	(D)	(D)	(D)
Macadamia nuts	(1/)	(1/)	(1/)	(1/)
Taro	(1/)	(1/)	(1/)	(1/)
Flowers and nursery products	(1/)	(1/)	(1/)	(1/)
Value of crop sales ($1,000)				
Sugar (unprocessed cane)	-	-	-	78,100
Pineapples (fresh equivalent)	(D)	(D)	(D)	(D)
Vegetables, ginger root, herbs and melons 2/	(1/)	(1/)	(1/)	(1/)
Fruits (excluding pineapples)	(1/)	(1/)	(1/)	(1/)
Coffee (parchment)	(D)	(D)	(D)	(D)
Macadamia nuts (in shell)	(1/)	(1/)	(1/)	(1/)
Taro	(1/)	(1/)	(1/)	(1/)
Seed crops	(1/)	(1/)	(1/)	(1/)
Flowers and nursery products	(1/)	(1/)	(1/)	(1/)

D Withheld to avoid disclosure of individual operations.
1/ County estimates not published due to staff reduction-in-force but combined and included in the State total.
2/ Includes noni, kava (`awa), and others.
Source: USDA National Agricultural Statistics Service, Hawaii Annual Statistics Bulletin (annual) <http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Annual_Statistical_Bulletin/index.asp> accessed June 19, 2013.

Table 19.09-- SPECIALTY CROPS, FRUITS, AND VEGETABLES: 2011

[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 (2011-12)	6,300	1.2	7,600	415.0	31,540
Fresh herbs (2011)	(X)	(X)	5,400	(X)	9,475
Macadamia nuts (2011-12)	15,000	3.3	58,000	78.0	38,220
Seed crops (2011-12)	5,625	(X)	12,540	(X)	242,970
Fruits					
Bananas	1,000	17.4	17,400	65.0	11,310
Papayas	1,300	22.0	28,600	34.0	9,722
Vegetables					
Cabbage, Chinese	200	19.0	3,800	34.0	1,295
Cabbage, head	430	20.9	9,000	31.0	2,790
Eggplant	75	24.0	1,800	98.0	1,764
Lettuce	140	14.6	2,050	266.0	5,453
Onions, dry	130	20.8	2,700	121.0	3,267
Onions, green	125	11.2	1,400	139.0	1,946
Romaine	110	15.5	1,700	61.0	1,037
Sweet potatoes	1,100	15.2	16,700	44.0	7,348
Taro	1/ 450	(X)	4,100	67.0	2,747
Watercress	35	(X)	820	177.0	1,451

X Not applicable.
1/ Acreage in crop for poi taro.
Source: USDA National Agricultural Statistics Service, Hawaii Annual Statistics Bulletin (annual) <http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Annual_Statistical_Bulletin/index.asp> accessed June 19, 2013.

Table 19.10-- SUGARCANE ACREAGE, BY TYPE OF IRRIGATION: 1993 TO 2012

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	-	-
2007	41,762	41,762	-	-
2008	39,663	39,663	-	-
2009	39,812	39,812	-	-
2010	34,693	34,693	-	-
2011	35,532	35,532	-	-
2012	36,746	36,746	-	-

Source: Hawaii Agriculture Research Center; Hawaiian Commercial & Sugar Company, records.

Table 19.11-- LIVESTOCK INVENTORY, 1985 TO 2011, AND BY COUNTY, 2011

[In thousands]

Year and county	All cattle and calves 1/	Milk cows 1/	Hogs and pigs 2/	Chickens (excluding broilers) 2/	Bee colonies
1985	209	11.0	55.0	1,210	9
1986	199	12.0	50.0	1,185	9
1987	203	12.0	47.0	1,212	9
1988	212	12.0	43.0	1,217	9
1989	205	11.0	39.0	1,216	9
1990	215	11.0	36.0	1,183	10
1991	200	10.0	34.0	1,213	10
1992	178	11.0	35.0	1,109	9
1993	165	11.0	33.0	1,012	9
1994	178	11.0	35.0	981	9
1995	174	10.0	34.0	933	8
1996	172	10.0	28.0	876	8
1997	180	9.0	29.0	863	9
1998	173	9.0	29.0	747	8
1999	164	9.0	28.0	721	8
2000	150	7.0	26.0	722	7
2001	152	7.0	27.0	659	8
2002	151	7.0	24.0	625	7
2003	156	6.0	23.0	600	7
2004	155	5.7	22.0	598	8
2005	161	4.6	19.0	547	9
2006	158	3.8	16.0	470	10
2007	152	2.3	15.0	398	10
2008	150	1.6	13.0	373	10
2009	151	1.8	13.0	379	10
2010	141	2.0	12.5	364	11
2011	140	1.9	11.5	(D)	5
2011					
Hawaii	(3/)	(3/)	(3/)	(NA)	(NA)
Honolulu	(3/)	(3/)	(3/)	(NA)	(NA)
Kauai	(3/)	(3/)	(3/)	(NA)	(NA)
Maui	(3/)	(3/)	(3/)	(NA)	(NA)

D Data not shown separately to avoid disclosure of individual operations but combined and included in the State total.

NA Not available.

1/ As of January 1 of the following year.

2/ As of December 1.

3/ County estimates not published due to staff reduction-in-force but combined and included in the State total.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual); and <http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Annual_Statistical_Bulletin/index.asp> accessed June 19, 2013.

Table 19.12-- NUMBER OF LIVESTOCK OPERATIONS AND VALUE OF LIVESTOCK SALES: 2007 TO 2011

Subject	2007	2008	2009	2010	2011
Number of livestock operations, Dec. 31					
Cattle 1/	1,100	1,000	1,000	1,000	1,000
Hogs	230	230	230	230	230
Milk	15	15	15	15	15
Eggs	80	100	100	100	(D)
Honey	40	35	35	35	35
Value of livestock sales ($1,000)					
Cattle 2/	26,196	24,305	28,945	3/ 30,892	46,369
Hogs 2/	3,682	3,359	2,996	3,661	2,624
Milk	9,673	5,460	7,491	8,750	9,547
Eggs	7,428	8,678	8,759	8,760	(D)
Honey	1,564	1,431	1,672	3/ 2,118	3,137

D Data not shown separately 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.
3/ Revised from previous *Data Book.*
Source: USDA National Agricultural Statistics Service, Hawaii Annual Statistics Bulletin (annual) and <http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Annual_Statistical_Bulletin/index.asp> accessed June 17, 2013.

Table 19.13-- NUMBER OF LIVESTOCK OPERATIONS AND VALUE OF LIVESTOCK SALES, BY COUNTY: 2010 AND 2011

Subject	Hawaii	Honolulu	Kauai	Maui
2010				
Number of livestock operations, Dec. 31				
Cattle 1/	(2/)	(2/)	(2/)	(2/)
Hogs	(2/)	(2/)	(2/)	(2/)
Milk	(2/)	(2/)	(2/)	(2/)
Eggs	(2/)	(2/)	(2/)	(2/)
Honey	(2/)	(2/)	(2/)	(2/)
Value of livestock sales ($1,000)				
Cattle 3/	(2/)	(2/)	(2/)	(2/)
Hogs 3/	(2/)	(2/)	(2/)	(2/)
Milk	(2/)	(2/)	(2/)	(2/)
Eggs	(2/)	(2/)	(2/)	(2/)
2011				
Number of livestock operations, Dec. 31				
Cattle 1/	(2/)	(2/)	(2/)	(2/)
Hogs	(2/)	(2/)	(2/)	(2/)
Milk	(2/)	(2/)	(2/)	(2/)
Eggs	(2/)	(2/)	(2/)	(2/)
Honey	(2/)	(2/)	(2/)	(2/)
Value of livestock sales ($1,000)				
Cattle 3/	(2/)	(2/)	(2/)	(2/)
Hogs 3/	(2/)	(2/)	(2/)	(2/)
Milk	(2/)	(2/)	(2/)	(2/)
Eggs	(2/)	(2/)	(2/)	(2/)

1/ Includes beef, dairy, and dairy replacement operations.
2/ County estimates not published due to staff reduction-in-force but combined and included in the State total.
3/ Excludes interfarm sales; includes out-of-state sales of slaughter cattle and feeder calves.
Source: USDA National Agricultural Statistics Service, Hawaii Annual Statistics Bulletin (annual) and <http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Annual_Statistical_Bulletin/index.asp> accessed June 19, 2013.

Table 19.14-- FLORICULTURE AND NURSERY PRODUCTS, 1998 TO 2011, AND BY COUNTY, 2007 TO 2011

County and year	Number of farms	Growing area: Total (acres)	Green-house (1,000 sq. ft.) 1/	Artificial shade structure (1,000 sq. ft.)	Natural shade area (acres)	Open field (acres)	Whole-sale value ($1,000)
State total							
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	955	3,988	2,095	27,015	-	3,320	100,962
2006	930	4,064	2,190	25,410	(NA)	3,430	98,725
2007	1,060	4,376	2,020	25,015	(NA)	3,755	108,710
2008	1,025	3,170	2,120	23,570	(NA)	2,580	94,662
2009	1,010	2,780	1,930	24,615	(NA)	2,170	76,814
2010 2/	970	2,650	1,875	20,940	(NA)	2,120	71,100
2011	970	2,695	1,770	19,990	(NA)	2,195	69,600
County, 2007							
Hawaii	475	2,688	1,435	19,805	(NA)	2,200	51,192
Honolulu	285	795	140	4,215	(NA)	695	40,625
Kauai	90	234	90	505	(NA)	220	3,556
Maui	210	659	355	490	(NA)	640	13,337
County, 2008							
Hawaii	465	1,530	1,520	18,100	(NA)	1,080	41,238
Honolulu	270	700	165	4,270	(NA)	600	35,362
Kauai	90	255	155	500	(NA)	240	3,949
Maui	200	685	280	700	(NA)	660	14,113
County, 2009							
Hawaii	(3/)	(3/)	(3/)	(3/)	(NA)	(3/)	(3/)
Honolulu	(3/)	(3/)	(3/)	(3/)	(NA)	(3/)	(3/)
Kauai	(3/)	(3/)	(3/)	(3/)	(NA)	(3/)	(3/)
Maui	(3/)	(3/)	(3/)	(3/)	(NA)	(3/)	(3/)
County, 2010							
Hawaii	(3/)	(3/)	(3/)	(3/)	(NA)	(3/)	(3/)
Honolulu	(3/)	(3/)	(3/)	(3/)	(NA)	(3/)	(3/)
Kauai	(3/)	(3/)	(3/)	(3/)	(NA)	(3/)	(3/)
Maui	(3/)	(3/)	(3/)	(3/)	(NA)	(3/)	(3/)
County, 2011							
Hawaii	(3/)	(3/)	(3/)	(3/)	(NA)	(3/)	(3/)
Honolulu	(3/)	(3/)	(3/)	(3/)	(NA)	(3/)	(3/)
Kauai	(3/)	(3/)	(3/)	(3/)	(NA)	(3/)	(3/)
Maui	(3/)	(3/)	(3/)	(3/)	(NA)	(3/)	(3/)

NA Not available.
1/ Glass or glass substitute structure.
2/ Revised from previous *Data Book.*
3/ County estimates not published due to staff reduction-in-force but combined and included in the State total.
Source: Hawaii Agricultural Statistics Service, *Hawaii Flowers & Nursery Products, Annual Summary,* various issues.
See also <http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Flowers_and_Nursery_Products/flower.pdf> accessed April 30, 2013.

Table 19.15-- FLORICULTURE AND NURSERY PRODUCTS, BY COMMODITY: 2011

[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 1/	Number sold		Value of sales ($1,000)
		Unit	Number	
Selected cut flowers				
Anthuriums	39	1,000 dozens	398	3,115
Heliconias	44	1,000 dozens	42	558
Proteas	25	1,000 stems	997	945
Orchids				
Sprays, Dendrobiums	30	1,000 dozens	191	1,561
Potted, Dendrobiums	59	1,000 pots	545	3,400
Potted, Phalaenopsis	22	1,000 pots	143	1,067
Foliage				
Potted, dracaena	22	(X)	(NA)	3,164
Potted, palms	25	(X)	(NA)	3,736
Potted flowering plants				
Poinsettias	18	1,000 pots	255	1,239
Plant rentals	47	(X)	(NA)	5,027
Landscape plants 2/	133	(X)	(X)	20,401

X Not applicable.
NA Not available.
1/ Number of farms having sales during that year; "Total" is unduplicated count.
2/ Includes broadleaf and coniferous evergreens, deciduous and flower trees, palms, and citrus, fruit and nut trees, and sod. Does not include palms or potted foliage for indoor or patio use, bedding and garden plants, propagative floriculture material, and items which are included in published categories.

Source: USDA, National Agricultural Statistics Service, Hawaii Field Office, *Hawaii Flowers & Nursery Products, Annual Summary,* (October 16, 2012) <http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Flowers_and_Nursery_Products/flower.pdf> accessed April 30, 2013.

Table 19.16-- OUT-OF-STATE SALES OF FLORICULTURE AND NURSERY PRODUCTS: 2007 TO 2011

[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	2007	2008	2009	2010 1/	2011
Total sales	54,120	43,230	35,570	30,370	29,340
Anthuriums, cut	6,905	5,800	4,720	4,500	4,200
Dendrobiums, sprays	3,200	3,100	2,500	2,400	2,400
Foliage, potted	14,000	9,400	7,700	6,500	7,000
Heliconias	1,100	1,000	900	900	800
Dendrobiums, potted	3,100	1,900	1,800	1,400	1,100
Proteas	2,040	1,500	1,500	1,400	1,200
Other flowers, nursery products	23,775	20,530	16,450	13,270	12,640

1/ Revised from previous *Data Book.*

Source: USDA, National Agricultural Statistics Service, Hawaii Field Office, *Hawaii Flowers & Nursery Products, Annual Summary,* (October 16, 2012), p. 13. See also <http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Flowers_and_Nursery_Products/flower.pdf> accessed April 30, 2013.

Table 19.17-- AGRICULTURAL LABOR: HIRED WORKERS ON FARMS BY TYPE OF FARM, 1993 TO 2011

[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)
2008	6,200	(3/)	(3/)	5,100
2009	6,200	(4/)	(4/)	5,300
2010	6,400	(5/)	(5/)	5,600
2011	6/ 7,100	(7/)	(7/)	6/ 6,250

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.

3/ 1,100 for Sugarcane and Pineapple. Data combined to avoid disclosure of individual operations.

4/ 900 for Sugarcane and Pineapple. Data combined to avoid disclosure of individual operations.

5/ 800 for Sugarcane and Pineapple. Data combined to avoid disclosure of individual operations.

6/ Annual averages are based on survey data for January, July, and October.

7/ 850 for Sugarcane and Pineapple. Data combined to avoid disclosure of individual operations.

Source: Hawaii Agricultural Statistics Service, *Hawaii Agricultural Labor* , Quarterly, various issues <http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Miscellaneous/aglabor.pdf> and USDA National Agricultural Statistics Service, Hawaii Annual Statistics Bulletin (annual) and <http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Annual_Statistical_Bulletin/index.asp> accessed June 17, 2013.

Table 19.18-- GENERAL EXCISE TAX BASE FOR PRODUCING: 1998 TO 2012

[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
1998	478,201	2006	445,679
1999	501,501	2007	475,827
2000	519,272	2008	448,975
2001	499,896	2009	351,578
2002	522,418	2010	339,035
2003	543,561	2011	399,078
2004	550,949	2012	401,496
2005	591,329		

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://www6.hawaii.gov/tax/a5_3txcolrpt.htm>.

Table 19.19-- AGRICULTURAL CHEMICALS USED, INCLUDING FERTILIZER: 2002 AND 2007

Chemicals used	Unit	2002	2007
Any fertilizer, manure, or chemicals used 1/	farms	(NA)	5,742
Manure used	farms	730	705
	acres on which used	3,812	3,859
Any fertilizer or chemical expense 2/ 3/	farms	(NA)	6,158
	$1,000	(NA)	47,046
Commercial fertilizer, lime and soil conditioners used 2/	farms	(NA)	4,785
	acres on which used	127,996	116,530
Commercial fertilizer, lime and soil conditioners expenses	farms	4,326	5,653
	$1,000	17,791	29,807
Chemical expenses	farms	3,627	4,207
	$1,000	16,134	17,238
Chemicals used to control			
Insects	farms	1,840	2,012
	acres on which used	41,616	33,474
Nematodes	farms	275	253
	acres on which used	8,169	6,889
Diseases in crops and orchards	farms	800	836
	acres on which used	30,824	9,716
Weeds, grass, or brush	farms	2,820	3,053
	acres on which used	101,258	98,108
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate	farms	216	255
	acres on which used	26,378	15,677

NA Not available.
1/ 2002 data are based on a sample of farms.
2/ 2002 farm count data are not comparable due to calculation change.
3/ 2002 expense data are not comparable due to calculation change.
Source: U.S. Department of Agriculture, *2002 Census of Agriculture, Hawaii,* (June 2004), p. 32 and U.S. Department of Agriculture, *2007 Census of Agriculture, Hawaii,* (February 2009), p. 34.

Table 19.20-- AQUACULTURE INDUSTRY OPERATIONS: 1980 TO 2011

Year	Number of operations, Dec. 31	Acreage, Dec. 31	Production (1,000 lb.)	Value ($1,000)
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
2007	70	(NA)	(NA)	25,110
2008	70	(NA)	(NA)	34,650
2009	70	(NA)	(NA)	32,330
2010	75	(NA)	(NA)	29,970
2011	70	(NA)	(NA)	39,970

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> (1998-2007) and
USDA National Agricultural Statistics Service, *Hawaii Annual Statistics Bulletin* (annual) <http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Annual_Statistical_Bulletin/index.asp> accessed June 17, 2013.

Table 19.21-- AQUACULTURE OPERATIONS, ACREAGE, PRODUCTION, AND VALUE, BY COUNTY: 2010 AND 2011

Subject	State total	Hawaii	Honolulu	Kauai	Maui
2010					
Number of operations	75	(1/)	(1/)	(1/)	(1/)
Production (1,000 lb.)	(NA)	(1/)	(1/)	(1/)	(1/)
Shellfish	76	(1/)	(1/)	(1/)	(1/)
Finfish	211	(1/)	(1/)	(1/)	(1/)
Value ($1,000)	29,970	(1/)	(1/)	(1/)	(1/)
Shellfish	575	(1/)	(1/)	(1/)	(1/)
Finfish	1,012	(1/)	(1/)	(1/)	(1/)
Algae	16,725	(1/)	(1/)	(1/)	(1/)
Ornamental	1,837	(1/)	(1/)	(1/)	(1/)
Other 2/	9,821	(1/)	(1/)	(1/)	(1/)
2011					
Number of operations	70	(1/)	(1/)	(1/)	(1/)
Production (1,000 lb.)	(NA)	(1/)	(1/)	(1/)	(1/)
Shellfish	55	(1/)	(1/)	(1/)	(1/)
Finfish	315	(1/)	(1/)	(1/)	(1/)
Value ($1,000)	39,970	(1/)	(1/)	(1/)	(1/)
Shellfish	413	(1/)	(1/)	(1/)	(1/)
Finfish	1,493	(1/)	(1/)	(1/)	(1/)
Algae	25,230	(1/)	(1/)	(1/)	(1/)
Ornamental	2,514	(1/)	(1/)	(1/)	(1/)
Other 2/	10,320	(1/)	(1/)	(1/)	(1/)

NA Not available.

1/ County estimates not published due to staff reduction-in-force but combined and included in the State total.

2/ Includes seed stock, brood stock, and items not sold by weight which includes number count.

Source: USDA National Agricultural Statistics Service, Hawaii Annual Statistics Bulletin (annual) <http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Annual_Statistical_Bulletin/index.asp> accessed June 19, 2013.

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, *2007 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: 2012* , 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, 2012
20.02	Woodland on Farms, 1997, 2002, and 2007, and by County, 2007
20.03	Forest and Brushland Fires, by Cause of Fire: 2009 to 2011
20.04	Commercial Fishing: 2003 to 2012
20.05	Commercial Fish Catch, by Species: 2010 to 2012
20.06	Commercial Sea Landings, by Island: 2010 to 2012
20.07	Commercial Sea Landings, by Fishing Method: 2010 to 2012
20.08	Mineral Industries: 1982 to 2007
20.09	Nonfuel Mineral Production: 2007 to 2009

Table 20.01-- FOREST AND NATURAL AREA ACREAGE, BY ISLAND: JUNE 30, 2012

Island	Conservation district forest land		Natural areas	
	Forest reserve land 1/	Private forest land 2/	Number of areas	Acres
State total	642,675	328,742	20	123,432
Hawaii	444,155	106,745	8	94,954
Maui	68,220	53,180	5	18,543
Kahoolawe	-	-	-	-
Lanai	-	6,150	-	-
Molokai	11,690	-	2	2,950
Oahu	32,436	88,817	3	1,770
Kauai	86,174	73,850	2	5,215
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.

Source: Hawaii State Department of Land and Natural Resources, Division of Forestry and Wildlife, records.

Table 20.02-- WOODLAND ON FARMS, 1997, 2002, AND 2007, AND BY COUNTY, 2007

[Acres]

Use	1997	2002	2007				
			State total	Hawaii	Honolulu	Kauai	Maui
Total	108,704	117,685	79,041	46,137	5,646	5,660	21,598
Pastured	31,844	41,467	22,570	12,791	(D)	103	(D)
Not pastured	76,860	76,218	56,471	33,346	(D)	5,557	(D)

D Withheld to avoid disclosing data for individual farms.

Source: U.S. Department of Agriculture, 2002 Census of Agriculture, Hawaii, (June 2004), p. 195. *2007 Census of Agriculture, Hawaii,* (February 2009), p. 240.

Table 20.03-- FOREST AND BRUSHLAND FIRES, BY CAUSE OF FIRE: 2009 TO 2011

Cause of Fire	Number of Fires			Acres burned		
	2009	2010	2011	2009	2010	2011
State total	8	11	2	8,079.1	3,521.9	1,228.0
Lightning	-	1	-	-	900.0	-
Campfire	-	2	-	-	2.1	-
Smoking	-	-	-	-	-	-
Debris burning	-	-	-	-	-	-
Arson	-	2	-	-	1,487.0	-
Equipment	-	-	1	-	-	1,153.0
Railroads	-	-	-	-	-	-
Children	-	-	-	-	-	-
Miscellaneous	8	6	1	8,079.1	1,132.8	75.0

Source: Hawaii State Department of Land and Natural Resources, Division of Forestry and Wildlife, Fire Management Program, *Annual Wildfire Summary Report* <http://www.wildahinet.com/fmp/firedata.htm> accessed May 10, 2012 and records.

Table 20.04-- COMMERCIAL FISHING: 2003 TO 2012

[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	24,636,892	(1/)	(1/)
2007	3,220	26,563,127	(1/)	(1/)
2008	3,196	33,310,542	(1/)	(1/)
2009	3,557	28,065,282	(1/)	(1/)
2010	3,373	29,164,222	(1/)	(1/)
2011	3,691	31,455,425	(1/)	(1/)
2012	3,992	31,714,435	(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.

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: 2010 TO 2012

[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	2010	2011	2012
Total catch	29,164,222	31,455,425	31,714,435
Tunas	17,066,495	18,801,218	19,489,965
Aku (skipjack)	842,972	439,044	981,378
Tombo	982,317	1,213,205	1,708,294
Bigeye (ahi)	12,293,460	13,766,508	12,793,182
Yellowfin (ahi)	2,910,195	3,371,689	3,998,714
Billfishes	4,913,195	5,062,601	4,864,717
Blue marlin	1,060,700	1,021,614	1,167,446
Shortnose spearfish	242,253	502,072	426,149
Striped marlin	406,315	774,696	750,970
Swordfish	3,173,909	2,725,657	2,480,836
Miscellaneous pelagic species	5,209,892	5,510,850	5,652,200
Mahimahi	1,469,554	2,001,806	1,793,330
Monchong	621,885	454,445	674,127
Ono	725,930	781,064	734,217
Opah	1,808,524	1,596,252	1,787,878
Walu	563,637	631,777	621,579
Deep bottom fishes	396,800	474,381	363,736
Ehu	24,882	24,522	25,912
Hapuupuu	11,110	8,212	9,898
Opakapaka	109,557	147,096	104,740
Uku	125,142	126,294	101,713
Ulaula (onaga)	59,408	67,755	53,234
Akule/opelu	724,968	738,696	537,827
Akule	408,846	452,710	258,831
Opelu	316,074	282,068	241,827
Jacks	43,035	46,046	53,036
Inshore fishes	396,073	470,252	399,139
Sharks	259,992	214,001	217,666
Mako	207,366	167,119	135,970
Lobsters	23,182	11,640	9,362
Crabs	54,636	41,522	23,065
Shells	(NA)	(NA)	(NA)
Shrimps	(1/)	(1/)	7,141
Seaweeds	12,028	13,573	17,353
Unclassified / miscellaneous	63,926	70,645	79,228

1/ 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 2010-2012* and records.

Table 20.06-- COMMERCIAL SEA LANDINGS, BY ISLAND: 2010 TO 2012

[Fiscal year ending June 30, pounds landed]

Island	2010	2011	2012
State total	29,164,222	31,455,425	31,714,435
Hawaii	2,867,404	2,674,953	2,675,361
Maui	679,976	734,809	851,748
Lanai	13,634	13,108	7,723
Molokai	34,119	39,497	42,375
Oahu	24,774,566	27,232,594	27,312,244
Kauai and Niihau	794,523	760,464	824,984

Source: Hawaii State Department of Land and Natural Resources, Division of Aquatic Resources, records.

Table 20.07-- COMMERCIAL SEA LANDINGS, BY FISHING METHOD: 2010 TO 2012

[Fiscal year ending June 30, pounds landed]

Fishing method	2010	2011	2012
All methods	29,164,222	31,455,425	31,714,435
Aku pole and line	(1/)	(1/)	369,116
Longline	22,369,598	24,795,513	24,558,662
Handline	2,096,754	2,127,947	2,194,537
Trolling	2,989,823	2,853,215	3,357,958
Net	603,915	649,912	461,751
Trap	82,978	89,234	40,021
All other methods	1,021,154	939,604	732,390

1/ Due to low level of fishermen reporting and to preserve confidentiality, data for these species are pooled under all other methods.

Source: Hawaii State Department of Land and Natural Resources, Division of Aquatic Resources, *Commercial Fish Landings, State of Hawaii--Fiscal Years 2010-2012* and records.

Table 20.08-- MINERAL INDUSTRIES (NAICS 21): 1982 TO 2007

[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	1982	1987	1992	1997	2002	2007
Number of establishments	12	9	7	7	8	8
With 20 employees or more	4	4	4	2	1	4
All employees						
Number (1,000) 1/	0.2	0.2	0.2	0.1	0.1	0.2
Annual payroll (million dollars)	3.8	7.4	9.4	5.6	7.3	9.6
Production, development, and exploration workers						
Number (1,000) 1/	0.1	0.2	0.2	0.1	0.1	0.1
Annual hours (millions)	0.2	0.4	0.4	0.2	0.2	0.3
Annual wages (million dollars)	2.6	5.7	8.1	4.7	5.1	7.9
Value added (million dollars)	9.7	23.5	27.3	22.0	20.7	49.0
Total cost of supplies (million dollars)	5.9	10.4	11.3	(D)	6.6	12.9
Total value of shipments and receipts for services (million dollars)	12.8	31.1	33.7	33.3	25.6	55.4
Capital expenditures (million dollars)	2.7	2.8	4.8	(D)	1.7	6.4

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; 2007 Economic Census, Sector 21: EC0721A2: Mining: Geographic Area Series: Detailed Statistics for the State or Offshore Areas: 2007 <http://factfinder.census.gov/servlet/IBQTable?_bm=y&-geo_id=04000US15&-fds_name=EC0700A1&-ds_name=EC0721A2&-_lang=en> accessed May 26, 2010.

Table 20.09-- NONFUEL MINERAL PRODUCTION: 2007 TO 2009

[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	2007 1/	2008 1/	2009
QUANTITY (1,000 METRIC TONS)			
Gemstones	(NA)	(NA)	(NA)
Sand and gravel (construction)	1,850	1,640	1,130
Stone (crushed)	8,800	7,410	5,920
VALUE ($1,000)			
Total	165,251	163,951	115,451
Gemstones	151	151	151
Sand and gravel (construction)	24,100	29,800	14,300
Stone (crushed)	141,000	134,000	101,000

NA Not available.

1/ Revised from previous *Data Book*.

Source: U.S. Geological Survey, Minerals Information, *"2009 Minerals Yearbook, Hawaii 2009 [Advance Release]"* (May 2013) <http://minerals.er.usgs.gov/minerals/pubs/state/hi.html> accessed May 20, 2013.

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: 2012* .

Table Number **Table Name**

(Click on the table number to go to corresponding table)

Narrative

21.01	Number and Value of Building Permits, by County: 2005 to 2012
21.02	Value of Building Permits, by Type, by County: 2010 to 2012
21.03	Accepted Value Per Housing Unit, by County: 2012
21.04	General Excise Tax Base for Contracting, by Taxation District: 1997 to 2012
21.05	General Construction Statistics for Establishments with Payroll (NAICS 23): 2007
21.06	Characteristics of the Construction Industry (NAICS 23): 2007
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21.09	Honolulu Construction Cost Indexes: 1990 to 2012
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21.12	New Condominium Projects, by Type: 2008 to 2012
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21.14	Timeshare Properties and Units, by Island: 2012
21.15	Home Exemptions Claimed: 2008 to 2013
21.16	Selected Housing Characteristics, by County: 2010
21.17	Summary Housing Characteristics, by County: 2007-2011
21.18	Tenure by Age of Householder: 2000 and 2010
21.19	Characteristics of Housing Units and Households, for the State, 2006 and 2011, and County, 2011
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21.21	Number of Housing Units in Oahu Neighborhoods: 2000 and 2010
21.22	Housing Characteristics of Oahu Neighborhoods: 2000
21.23	Vacancy and Homeownership Rates, for the State and Honolulu MSA: 1996 to 2012
21.24	Building Vacancy Rates for Competitive Office Space for the Metropolitan Honolulu Office Market, by Submarket: 2004 to 2012
21.25	State Government Capital Improvement Project Expenditures: 1990 to 2012
21.26	Hawaii Public Housing Authority Operations: 2010 to 2012
21.27	Characteristics of the Real Estate Subsector (NAICS 531): 2007
21.28	Characteristics of the Real Estate Subsector (NAICS 531), by County and Selected Island and Census Designated Place: 2007
21.29	Real Estate Licenses, Active and Inactive, by Type of License and Location: April 17, 2013

Table Number **Table Name**

(Click on the table number to go to corresponding table)

21.30	Multiple Listing Service Listings and Sales, for Oahu: 1988 to 2012
21.31	Multiple Listing Service Listings and Sales, by Type of Property, for Oahu: 2010 to 2012
21.32	Multiple Listing Service Single Family Houses Sold, by Selling Price Range, for Oahu: 2010 to 2012
21.33	Multiple Listing Service Condominium and Cooperative Units Sold, by Selling Price Range, for Oahu: 2010 to 2012
21.34	Multiple Listing Service, Number of Single Family and Condominium Sales, by County: 1997 to 2012
21.35	Multiple Listing Service, Median Sales Price of Single Family and Condominium Sales, by County: 1997 to 2012
21.36	Foreclosure Filings, by Judicial Circuit: 1993 to 2012
21.37	Foreclosure Activity, by County: April 2013
21.38	Elevators, Escalators, and Similar Facilities: 2009
21.39	Tallest Structures, by Island: March 2013

Table 21.01-- NUMBER AND VALUE OF BUILDING PERMITS, BY COUNTY: 2005 TO 2012

Year	State total 1/	City and County of Honolulu	Hawaii County	Kauai County 1/	Maui County
NUMBER ISSUED					
2005	23,840	15,174	5,436	882	2,348
2006	24,117	16,019	5,184	510	2,404
2007	21,248	13,954	4,580	518	2,196
2008	21,164	15,001	4,324	232	1,607
2009	18,154	13,794	2,990	240	1,130
2010	18,197	14,254	2,756	171	1,016
2011	21,523	17,712	2,603	132	1,076
2012	35,136	29,142	4,590	235	1,169
ESTIMATED VALUE ($1,000)					
2005	3,491,964	1,364,030	1,008,386	288,132	831,416
2006	3,770,051	1,625,328	926,019	239,294	979,412
2007	3,585,447	1,676,232	912,529	268,915	727,772
2008	2,906,578	1,481,272	704,317	277,149	443,840
2009	1,998,908	1,247,196	309,165	218,111	224,437
2010	1,980,296	1,357,314	360,328	68,047	194,607
2011	1,858,763	1,272,923	282,638	59,520	243,683
2012	2,643,840	1,769,454	427,394	79,998	366,994

1/ Prior to 2002, Kauai County data were obtained from the Kauai County Building Department. Beginning in 2002, Kauai County estimates are the sum of monthly U.S. Census Bureau residential data only and may differ from annual model-based Census Bureau data.

Source: County building departments and U.S. Census Bureau, building permits <http://censtats.census.gov/bldg/bldgprmt.shtml>.

Table 21.02-- VALUE OF BUILDING PERMITS, BY TYPE, BY COUNTY: 2010 TO 2012

[In thousands of dollars]

Category	State total 1/	City and County of Honolulu	Hawaii County	Kauai County 1/	Maui County
2010					
Total	1,980,296	1,357,314	360,328	68,047	194,607
Residential	779,047	396,240	233,166	68,047	81,594
Hotel	52,600	52,600	-	(NA)	-
Non-residential	324,863	188,481	61,058	(NA)	75,325
Additions and alterations	823,786	719,993	66,105	(NA)	37,688
2011					
Total	1,858,763	1,272,923	282,638	59,520	243,683
Residential	687,926	372,054	187,439	59,520	68,913
Hotel	14,000	2,000	-	(NA)	12,000
Non-residential	271,911	125,601	38,010	(NA)	108,300
Additions and alterations	884,926	773,267	57,189	(NA)	54,470
2012					
Total	2,643,840	1,769,454	427,394	79,998	366,994
Residential	837,170	450,596	192,286	79,998	114,290
Hotel	19,883	-	-	(NA)	19,883
Non-residential	251,243	97,171	79,976	(NA)	74,095
Additions and alterations	1,535,545	1,221,687	155,131	(NA)	158,727

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. Kauai County estimates are the sum of monthly U.S. Census Bureau residential data only and may differ from annual model-based Census Bureau data.

Source: County building departments and U.S. Census Bureau, building permits <http://censtats.census.gov/bldg/bldgprmt.shtml>.

Table 21.03-- ACCEPTED VALUE PER HOUSING UNIT, BY COUNTY: 2012

[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	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
One-family	328,182	311,137	375,572	340,416	291,294
Two-family	325,048	324,782	448,302	-	245,583
Multi-family	146,981	142,290	172,543	-	159,443

Source: County building departments and U.S. Census Bureau, building permits <http://censtats.census.gov/bldg/bldgprmt.shtml>.

Table 21.04-- GENERAL EXCISE TAX BASE FOR CONTRACTING, BY TAXATION DISTRICT: 1997 TO 2012

[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. Taxation districts cover the same areas as counties]

Year	State total	Oahu	Maui	Hawaii	Kauai
1997	2,944,426,975	2,550,529,925	161,468,800	165,146,225	67,282,025
1998	3,015,976,700	2,570,586,400	193,365,375	180,875,700	71,149,225
1999	2,991,200,575	2,377,630,700	259,711,650	263,906,725	89,951,500
2000	3,613,485,025	2,800,712,550	326,777,275	367,672,100	118,323,100
2001	3,766,403,750	2,832,649,550	360,568,625	446,027,500	127,158,075
2002	4,274,955,575	3,266,988,350	364,438,350	501,577,600	141,951,275
2003	4,536,323,150	3,406,143,325	425,070,200	550,418,975	154,690,650
2004	4,921,512,300	3,754,257,925	452,890,850	533,308,625	181,054,900
2005	6,023,996,950	4,528,358,950	608,407,100	661,365,400	225,865,500
2006	7,223,333,825	5,405,648,475	728,682,550	789,189,250	299,813,550
2007	8,072,911,800	6,060,562,900	828,132,400	863,832,825	320,383,675
2008	7,987,126,150	6,108,692,775	750,457,450	785,465,450	342,510,475
2009	6,641,660,400	5,266,870,075	574,894,650	533,871,075	266,024,600
2010	5,589,766,225	4,435,203,750	500,098,600	439,744,725	214,719,150
2011	5,837,444,675	4,701,571,600	485,970,550	439,583,975	210,318,550
2012	7,006,133,075	5,727,310,125	584,092,725	474,661,300	220,068,925

Source: Hawaii State Department of Taxation, *General Excise and Use Tax Collections* (annual calendar year summary) <http://www6.hawaii.gov/tax/a5_3txcolrpt.htm> accessed May 28, 2013.

Table 21.05-- GENERAL CONSTRUCTION STATISTICS FOR ESTABLISHMENTS WITH PAYROLL (NAICS 23): 2007

[Includes establishments with payroll. Statistics based on the 2007 North American Industry Classification System (NAICS) which replaced the 2002 NAICS used in the 2002 Economic Census. The Standard Industrial Classification (SIC) system was used in Economic Censuses prior to 1997]

Measure	Amount
Number of establishments	2,756
Total number of employees	35,311
Construction workers	
Number in	
March	24,420
June	24,852
September	24,868
December	25,519
Average	25,124
Other employees	
Number in	
March	11,211
June	9,863
September	9,653
December	10,214
Average	10,250
Total payroll ($1,000)	1,898,628
Construction workers	1,239,430
Other employees	659,198
Total fringe benefits ($1,000)	660,908
Value of business done ($1,000)	10,345,348
Value of construction work 1/	10,188,239
Value of construction work on government owned projects	2,193,330
Value of construction work on federally owned projects	981,264
Value of construction work on state & locally owned projects	1,212,066
Value of construction work on privately owned projects	7,994,909
Other business receipts	157,109
Value of construction work subcontracted in from others ($1,000)	2,747,253
Net value of construction work ($1,000)	7,965,286
Value added ($1,000)	4,793,720
Selected costs ($1,000)	5,551,628
Cost of materials, components, and supplies	3,096,039
Cost of construction work subcontracted out to others	2,222,953
Total cost of selected power, fuels, and lubricants	232,636
Cost of purchased electricity	134,470
Cost of natural gas and manufactured gas	2,973

Continued on next page.

Table 21.05-- GENERAL CONSTRUCTION STATISTICS FOR ESTABLISHMENTS WITH PAYROLL (NAICS 23): 2007 -- Con.

Measure	Amount
Total cost of selected power, fuels, and lubricants ($1,000) (con.)	
Cost of gasoline and diesel fuel	88,785
Cost of on-highway use of gasoline and diesel fuel	68,076
Cost of off-highway use of gasoline and diesel fuel	20,709
Cost of all other fuels and lubricants	6,407
Total rental cost ($1,000) 2/	131,892
Rental costs of machinery and equipment	74,893
Rental costs of buildings	56,998
Total other expenses ($1,000)	632,568
Communication services	21,213
Purchased professional and technical services	39,891
Data processing and other purchased computer services	3,487
Temporary staff and leased employee expenses	19,479
Expensed computer hardware and other equipment	12,667
Expensed purchases of software	2,309
Selected purchased advertising & promotional services	81,353
All other expenses	278,122
Refuse removal (including hazardous waste) services	7,344
Repair and maintenance services of buildings and/or machinery	28,991
Taxes and license fees	137,711
Capital expenditures, except land ($1,000)	129,836
Retirements and disposition of depreciable assets ($1,000)	37,160
End-of-year gross book value of depreciable assets ($1,000)	1,301,566
Total depreciation ($1,000)	146,653

1/ 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 and 2007, receipts, billings, or sales for construction work was collected.

2/ Includes the total rental 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. Such costs are included in capital expenditures.

Source: U.S. Census Bureau, 2007 Economic Census, Sector 23: Construction, Geographic Area Series, EC0723A1: GAS: Det Stats for Estabs: 2007 <http://factfinder.census.gov/servlet/EconSectorServlet?caller=dataset&sv_name=*&_SectorId=23&ds_name=EC0700A1&_lang=en&_ts=296447221968> accessed June 9, 2010.

Table 21.06-- CHARACTERISTICS OF THE CONSTRUCTION INDUSTRY (NAICS 23): 2007

[Includes establishments with payroll. Statistics based on the 2007 North American Industry Classification System (NAICS) which replaced the 2002 NAICS used in the 2002 Economic Census. The Standard Industrial Classification (SIC) system was used in Economic Censuses prior to 1997]

NAICS code	Kind of business	Establishments	No. of employees: All	No. of employees: Construction workers (avg)	Payroll ($1,000): All employees	Payroll ($1,000): Construction workers	Value of construction work ($1,000) 1/
23	Total	2,756	35,311	25,124	1,898,628	1,239,430	10,188,239
236	Construction of buildings	915	11,008	7,063	622,257	340,264	5,166,270
236115	New single-family general contractors	447	3,469	2,339	156,307	93,626	1,374,767
236116	New multifamily house construction (except operative builders)	8	522	362	32,351	18,593	(D)
236117	New housing operative builders	74	856	404	69,783	26,812	817,128
236118	Residential remodelers	216	937	618	36,861	23,286	193,641
236210	Industrial building construction	2/ 11	247	202	17,675	13,767	(D)
236220	Commercial and institutional building construction	160	4,977	3,139	309,281	164,179	2,341,014
237	Heavy and civil engineering construction	125	3,314	1,837	207,125	111,771	1,002,699
237110	Water and sewer line and related structures construction	51	934	698	58,398	39,991	285,845
237120	Oil and gas pipeline and related structures construction	2/ 5	(3/)	(D)	(D)	(D)	(D)
237130	Power and communication line and related structures construction	11	153	116	9,367	7,033	(D)
237210	Land subdivision	24	714	120	37,913	6,832	(D)
237310	Highway, street, & bridge construction	28	1,261	735	82,457	49,469	(D)
237990	Other heavy and civil engineering construction	5	(4/)	(D)	(D)	(D)	(D)
238	Specialty trade contractors	1,715	20,988	16,223	1,069,246	787,395	4,019,270
238110	Pour concrete foundation and structure contractors	56	851	659	41,255	30,574	158,503
238120	Structural steel and precast concrete contractors	17	595	473	33,105	24,793	113,451
238130	Framing contractors	18	593	521	34,307	27,866	141,996
238140	Masonry contractors	66	754	440	31,539	17,836	103,109
238150	Glass and glazing contractors	36	328	223	18,049	10,037	(D)
238160	Roofing contractors	81	884	686	37,649	24,147	(D)
238170	Siding contractors	15	68	46	2,944	1,993	(D)
238190	Other foundation, structure & building exterior contractors	2/ 43	296	228	14,729	10,280	57,322
238210	Electrical contractors and other wiring installation contractors	365	3,233	2,545	180,211	136,841	675,183
238220	Plumbing, heating and air-conditioning contractors	288	3,623	2,726	193,690	137,646	800,221
238290	Other building equipment contractors	24	866	583	48,155	36,997	(D)
238310	Drywall and insulation contractors	72	2,248	1,950	105,814	82,450	340,328
238320	Painting and wall covering contractors	131	1,672	1,341	70,666	53,468	(D)
238330	Flooring contractors	43	405	264	16,460	10,493	(D)

Continued on next page.

Table 21.06-- CHARACTERISTICS OF THE CONSTRUCTION INDUSTRY (NAICS 23): 2007 -- Con.

NAICS code	Kind of business	Estab-lish-ments	No. of employees		Payroll ($1,000)		Value of construct-ion work ($1,000) 1/
			All	Con-struction workers (avg)	All employ-ees	Con-struction workers	
238	Specialty trade contractors (con.)						
238340	Tile and terrazzo contractors	2/ 70	577	446	26,653	18,814	(D)
238350	Finish carpentry contractors	131	1,291	944	58,781	44,080	269,593
238390	Other building finishing contractors	38	287	176	13,175	8,121	(D)
238910	Site preparation contractors	144	1,914	1,633	112,281	90,416	445,705
238990	All other specialty trade contractors	80	505	340	29,784	20,542	(D)

D Withheld to avoid disclosing data of individual companies.

1/ 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 and 2007, receipts, billings, or sales for construction work was collected.

2/ Sampling error exceeds 40 percent.

3/ 20 to 99 employees.

4/ 100 to 249 employees.

Source: U.S. Census Bureau, 2007 Economic Census, Sector 23: Construction, Geographic Area Series, EC0723A1: GAS: Det Stats for Estabs: 2007 <http://factfinder.census.gov/servlet/EconSectorServlet?caller=dataset&sv_name=*&_SectorId=23&ds_name=EC0700A1&_lang=en&_ts=296447221968> accessed July 6, 2010.

Table 21.07-- PRIVATE RESIDENTIAL CONSTRUCTION AND DEMOLITION AUTHORIZED BY PERMITS, BY COUNTY: 2007 TO 2012

Category and year authorized	State total	City and County of Honolulu	Other counties			
			Total	Hawaii	Kauai	Maui
New single family units						
2007	4,532	1,244	3,288	1,852	374	1,062
2008	2,560	719	1,841	1,105	201	535
2009	1,996	802	1,194	694	220	280
2010	1,874	831	1,043	660	171	212
2011	1,605	694	911	581	127	203
2012	(NA)	950	(NA)	456	(NA)	251
New duplex units						
2007	130	70	60	8	18	34
2008	206	56	150	6	2	142
2009	54	44	10	2	-	8
2010	90	80	10	2	-	8
2011	90	86	4	2	-	2
2012	(NA)	85	(NA)	4	(NA)	6
New apartment units						
2007	2,701	1,893	808	307	284	217
2008	2,121	1,280	841	440	288	113
2009	659	201	458	58	293	107
2010	1,559	1,060	499	440	-	59
2011	1,107	990	117	105	-	12
2012	(NA)	1,037	(NA)	59	(NA)	249
Units demolished						
2007	643	497	146	62	36	48
2008	606	494	112	52	21	39
2009	410	335	75	44	8	23
2010	366	286	80	42	12	26
2011	422	325	97	43	31	23
2012	(NA)	293	(NA)	27	(NA)	26

NA Not available.
Source: County building departments.

Table 21.08-- REVENUES OF TOP CONTRACTORS: 2010 TO 2012

[In millions of dollars. Contractors with the highest revenues based on 2012 survey responses. List represents only those companies that responded to requests for information]

Rank	Contractor	2010 1/	2011 2/	2012
1	Hawaiian Dredging Construction Co., Inc.	432.00	355.00	230.00
2	Swinerton Builders	73.40	125.50	217.00
3	Grace Pacific Corp.	217.00	192.00	194.00
4	dck pacific construction, LLC	191.00	116.00	190.00
5	Kiewit Corp. 3/	154.20	250.40	180.00
6	Nan, Inc.	159.10	182.00	179.30
7	Albert C. Kobayashi, Inc.	80.00	182.00	148.00
8	Parsons 4/	94.30	111.70	118.30
9	Nordic PCL Construction, Inc.	146.00	160.00	103.00
10	Watts Constructors, LLC	125.07	96.20	100.17
11	Delta Construction Corp.	91.00	94.00	86.30
12	Dorvin D. Leis Co., Inc.	90.04	72.95	81.43
13	Coastal Construction Co., Inc.	117.00	106.00	66.95
14	Allied Builders System	47.60	47.60	60.60
15	Alakai Mechanical Corp.	44.31	45.60	57.90
16	Maryl Group, Inc.	(NA)	(NA)	54.50
17	Wasa Electrical Services, Inc.	90.00	58.10	54.00
18	Isemoto Contracting Co., Ltd.	71.90	72.90	53.40
19	Unlimited Construction Services Inc.	(NA)	61.15	49.90
20	Pankow 5/	59.70	43.41	45.00
21	Honolulu Builders, LLC	29.51	40.30	44.30
22	Group Builders, Inc.	66.40	46.30	43.50
23	Arita Poulson General Contracting, LLC	(NA)	(NA)	43.00
24	Shioi Construction, Inc.	(NA)	43.30	38.60
25	Ralph S. Inouye Co., Ltd	39.50	29.40	36.10

NA Not available.

1/ Figures furnished in 2011 by the 2010 Top 25 listees.

2/ Figures furnished in 2012 by the 2011 Top 25 listees.

3/ In 2010, Kiewit Infrastructure West Co. and Kiewit Building Group, Inc. were a part of the Kiewit Corporation. From 2011, the entire Kiewit Corporation was listed as one entity.

4/ Listed as Parsons in 2010 and Parsons RCI Inc. in 2011.

5/ Listed as Charles Pankow Builders, Ltd. in 2010 and 2011.

Source: *Building Industry, Building Industry Magazine* "Top 25 Contractors Silver Anniversary 1987-2012" (July 2012), p. 24 and 28 <http://www.nxtbook.com/trade/bi/0712/index.php#/0> accessed July 5, 2012 and "Top 25 Contractors" (July 2013) pp. 12, 13 and 66 <http://www.nxtbook.com/trade/bi/0713/index.php?startid=62#/0> accessed July 9, 2013.

Table 21.09-- HONOLULU CONSTRUCTION COST INDEXES: 1990 TO 2012

[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/
1990	95.1	96.2	93.9	95.4	98.0	92.9
1991	98.4	99.5	97.2	99.2	101.6	97.1
1992	102.7	103.8	101.4	2/ 99.5	97.1	101.5
1993	111.5	116.0	106.2	2/ 104.0	100.7	106.8
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	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	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)
2008	219.2	(NA)	(NA)	199.1	(NA)	(NA)
2009	222.3	(NA)	(NA)	202.5	(NA)	(NA)
2010	221.6	(NA)	(NA)	201.9	(NA)	(NA)
2011	226.2	(NA)	(NA)	2/ 206.7	(NA)	(NA)
2012	232.2	(NA)	(NA)	213.1	(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* <http://hawaii.gov/dbedt/info/economic/data_reports/qser> accessed February 22, 2013 and records.

Table 21.10-- CONDOMINIUM ASSOCIATIONS AND APARTMENTS REGISTERED: 1990 TO 2012

[Fiscal year ending June 30. Biennial registration was started in June 1997]

Fiscal year	Associations registered	Apartments represented	Fiscal year	Associations registered	Apartments represented
1990	201	20,066	2002	1,439	133,276
1991	809	74,916	2003	1,456	134,444
1992	968	87,127	2004	1,469	135,708
1993	1,049	91,424	2005	1,501	138,334
1994	1,114	95,827	2006	1,546	142,171
1995	1,171	101,628	2007	1,565	145,124
1996	1,249	107,580	2008	1,601	151,238
1997	1,277	106,052	2009	1,629	153,856
1998 1/	1,339	112,832	2010	1,634	154,625
1999	1,361	114,449	2011	1,670	156,511
2000	1,389	116,750	2012	1,649	156,846
2001	1,419	118,209			

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, *Annual Report Real Estate Commission* (annual) <http://hawaii.gov/dcca/real/reports/> accessed February 15, 2013.

Table 21.11-- CONDOMINIUM PROJECTS REGISTERED WITH THE STATE OF HAWAII: 1994 TO 2012

[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]

Year	Projects	Individual units
1994	228	4,229
1995	255	4,654
1996	188	2,150
1997	201	2,765
1998	226	2,025
1999	211	2,363
2000	225	1,693
2001	210	2,918
2002	201	3,094
2003	301	4,705
2004	411	10,106
2005	469	15,695
2006	543	11,243
2007	459	11,157
2008	417	9,128
2009	347	6,504
2010	272	7,210
2011	250	5,347
2012	210	5,827

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Real Estate Branch, *Annual Report Real Estate Commission* (annual) <http://hawaii.gov/dcca/real/reports/> accessed February 15, 2013.

Table 21.12-- NEW CONDOMINIUM PROJECTS, BY TYPE: 2008 TO 2012

[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	2008	2009	2010	2011	2012
All types	224	191	159	141	129
Total residential 1/	146	118	2/ 120	2/ 98	2/ 95
Commercial and other	37	20	8	12	15
Agricultural	41	53	31	31	19
New residential projects by size 1/	120	113	119	97	95
2 units or fewer	49	38	32	27	20
3 to 15 units	21	21	25	12	25
16 to 50 units	23	29	31	40	30
More than 50 units	27	25	31	18	20

1/ The "Total residential" figure was obtained from the "Condominium Project Filings" table in the source and may differ from the total figure shown in the "New Residential Projects - By Size" table of the source. The "Total residential" figures which is from the "Condominium Project Filings" table of the source reflects the total number of projects received which includes projects that were eventually withdrawn or returned. The table with new residential projects by size figures, however, reflect only the projects that had an issuance of the developer's public report.

2/ Includes one project that was either withdrawn or returned.

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Real Estate Branch, *2012 Annual Report Real Estate Commission* <http://hawaii.gov/dcca/real/reports/> accessed February 15, 2013 and records.

Table 21.13-- HOUSING UNITS CONVERTED TO CONDOMINIUM UNITS: 1994 TO 2012

[Fiscal year ending June 30. Previous *Data Book* tables containing these data were titled "Housing Units Converted From Rental Units to Condominium Units" and "Condominium Units". Data contained in this table reflect the number of housing units converted to condominium units. This conversion is not exclusively from rental units to condominum units, but includes all types of units that were converted to condominium units during the current fiscal year]

Year	Projects	Individual units
1994	73	491
1995	89	1,060
1996	74	386
1997	66	981
1998	54	665
1999	73	368
2000	55	342
2001	44	454
2002	58	591
2003	92	740
2004	116	1,422
2005	135	2,347
2006	164	1,177
2007	157	903
2008	132	664
2009	112	1,592
2010	89	618
2011	79	575
2012	64	219

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Real Estate Branch, *Annual Report Real Estate Commission* (annual) <http://hawaii.gov/dcca/real/reports/> accessed February 15, 2013.

Table 21.14-- TIMESHARE PROPERTIES AND UNITS, BY ISLAND: 2012

Subject	State total	Oahu	Hawaii	Kauai	Maui	Molokai
Properties 1/	76	14	17	20	25	-
Registered units 2/	9,864	2,540	1,418	2,499	3,407	-
Operated units 3/	10,049	2,529	1,382	2,731	3,407	-

1/ Includes any property which contains one or more timeshare units.

2/ The number of units registered included those that were available for sale in a timeshare program (as well as those already sold in such a program).

3/ There was a change in the reporting procedure from the 2009 data and onward. The number of units operated represented the units that were in use. Certain timeshares properties have the ability to split a given registered timeshare unit into more than one operated visitor unit (i.e. it may be possible for a two-bedroom unit to be rented as two keys: one studio unit and one 1-bedroom unit). Operated units were defined as number of salable keys that were operated for visitor use. In some cases, the number of operating units exceed the number of registered units for a given timeshare property. This change in reporting procedure resulted in a higher inventory count for certain timeshare properties, but did not necessarily reflect a change in the physical plant.

Source: Hawaii Tourism Authority, Tourism Research, *2012 Visitor Plant Inventory* <http://www.hawaiitourismauthority.org/default/assets/File/reports/accommodations/2012%20VISITOR%20PLANT%20INVENTORY%20REPORT%20FINAL.pdf> accessed June 25, 2013.

Table 21.15-- HOME EXEMPTIONS CLAIMED: 2008 TO 2013

[Fiscal year ending June 30]

Tenure and county	2008	2009	2010	2011	2012	2013
TOTAL OWNER-OCCUPIED 1/						
State total	210,600	216,172	217,383	219,138	220,654	217,935
Honolulu	139,637	141,870	141,288	142,402	144,092	141,258
Maui	23,353	25,212	26,015	26,253	26,007	25,842
Hawaii	35,419	36,642	37,615	38,055	38,261	38,528
Kauai	12,191	12,448	12,465	12,428	12,294	12,307
FEE SIMPLE						
State total	203,409	209,260	210,878	2/ 212,873	214,655	212,396
Honolulu	133,760	136,326	136,155	137,435	139,300	136,866
Maui	22,602	24,396	25,176	25,408	25,201	25,081
Hawaii	35,021	36,265	37,274	2/ 37,799	38,071	38,350
Kauai	12,026	12,273	12,273	12,231	12,083	12,099
LEASEHOLD						
State total	7,191	6,912	6,505	2/ 6,265	5,999	5,539
Honolulu	5,877	5,544	5,133	4,967	4,792	4,392
Maui	751	816	839	845	806	761
Hawaii	398	377	341	2/ 256	190	178
Kauai	165	175	192	197	211	208

1/ "Owner-occupied" is the sum of the "fee" and "leasehold" home exemptions categories.

2/ Figures differ from published ones and are based on revised county information. This affects the Hawaii County figures as well as the state totals.

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) <https://www.realpropertyhonolulu.com/portal/rpadcms/Reports?parent=REPORTS> accessed October 1, 2012 and records.

Table 21.16-- SELECTED HOUSING CHARACTERISTICS, BY COUNTY: 2010

Subject	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County 1/
All housing units	519,508	336,899	82,324	29,793	70,492
Occupied housing units	455,338	311,047	67,096	23,240	53,955
Owner-occupied housing units	262,682	174,387	44,271	13,968	30,056
Renter-occupied housing units	192,656	136,660	22,825	9,272	23,899
Average household size					
Owner-occupied housing units	3.02	3.11	2.69	2.96	3.02
Renter-occupied housing units	2.72	2.75	2.73	2.64	2.57
Vacant housing units	64,170	25,852	15,228	6,553	16,537
For rent	16,441	8,633	2,995	1,312	3,501
Rented, not occupied	954	625	101	61	167
For sale only	4,277	1,941	1,338	251	747
Sold, not occupied	1,151	645	289	51	166
For seasonal, recreational, or occasional use 2/	30,079	8,799	7,135	4,172	9,973
All other vacants	11,268	5,209	3,370	706	1,983
Homeowner vacancy rate (percent)	1.60	1.10	2.90	1.80	2.41
Rental vacancy rate (percent)	7.80	5.90	11.60	12.30	12.70
Owner-occupied	262,682	174,387	44,271	13,968	30,056
Family households	198,891	134,249	31,369	10,754	22,519
Husband-wife family	155,722	104,825	24,627	8,443	17,827
Other family	43,169	29,424	6,742	2,311	4,692
Nonfamily households	63,791	40,138	12,902	3,214	7,537
Renter-occupied	192,656	136,660	22,825	9,272	23,899
Family households	115,016	83,593	13,038	5,393	12,992
Husband-wife family	74,354	56,347	7,207	3,211	7,589
Other family	40,662	27,246	5,831	2,182	5,403
Nonfamily household	77,640	53,067	9,787	3,879	10,907

1/ Maui County includes Kalawao County. Kalawao County had 113 housing units, 1 owner-occupied housing unit and 68 renter-occupied housing units.

2/ Used or intended for use only in certain seasons or for weekends or other occasional use throughout the year. Seasonal units include those used for summer or winter sports or recreation, such as beach cottages and hunting cabins. Seasonal units also may include quarters for such workers as herders and loggers. Interval ownership units, sometimes called shared-ownership or time-sharing condominiums, also are included here.

Source: U.S. Census Bureau, 2010 Census "DP-1 - Hawaii Profile of General 2010 Demographic Profile Data" (May 19, 2011) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed May 19, 2011 and 2010 Census Summary File 1 (June 16, 2011) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed July 11, 2011.

Table 21.17-- SUMMARY HOUSING CHARACTERISTICS, BY COUNTY: 2007-2011

[Based on a sample and subject to sampling variability. Figures displayed are the average values over the 5-year period of 2007 to 2011]

Characteristic	State total	City and County of Honolulu	Hawaii County	Kalawao County	Kauai County	Maui County
All housing units	516,394	336,011	81,221	98	29,508	69,556
Occupied	445,513	307,248	64,270	46	21,884	52,065
Vacant	70,881	28,763	16,951	52	7,624	17,491
Units in structure						
1 unit, detached	278,596	156,640	62,328	78	20,079	39,471
1 unit, attached	36,021	29,174	1,838	-	1,744	3,265
2 units	15,756	9,003	1,754	-	1,469	3,530
3 or more units	185,034	140,737	14,932	20	6,125	23,220
Tenure						
Owner-occupied	261,487	174,863	42,334	-	13,925	30,365
Renter-occupied	184,026	132,385	21,936	46	7,959	21,700
Average household size of unit						
Owner-occupied	3.07	3.13	2.81	-	3.06	3.14
Renter-occupied	2.72	2.73	2.78	1.2	2.85	2.55
Percent						
Structure built after 2000	11.7	9.8	16.8	0.0	10.0	15.4
Structure built 1990 to 1999	14.2	12.1	18.3	4.1	21.3	16.9
Structure built 1940 to 1989	70.1	74.2	59.7	69.4	64.6	64.6
Structure built before 1940	4.0	3.8	5.3	26.5	4.2	3.2
Lacking complete plumbing	0.9	0.6	2.3	0.0	1.4	0.9
Lacking complete kitchen facilities	1.7	1.5	2.4	0.0	2.1	2.0
With no telephone service	3.1	3.1	2.6	0.0	5.0	2.8
Median number of rooms	4.6	4.7	4.7	2.8	4.7	4.0
Percent householder moved into unit						
Moved into unit 2005 or later	39.0	39.8	34.8	37.0	32.8	42.1
Moved into unit 2000 to 2004	18.5	17.7	21.7	8.7	17.5	19.4
Moved into unit 1990 to 1999	17.5	16.6	19.9	30.4	23.4	17.6
Moved into unit before 1990	25.0	25.9	23.6	23.9	26.3	20.9
Percent of units with occupants per room of 1.51 or more	3.0	2.9	3.0	0.0	3.3	2.9

Continued on next page.

Table 21.17-- SUMMARY HOUSING CHARACTERISTICS, BY COUNTY: 2007-2011 -- Con.

Characteristic	State total	City and County of Honolulu	Hawaii County	Kalawao County	Kauai County	Maui County
Owner-occupied units						
Total	261,487	174,863	42,334	-	13,925	30,365
Median value (dollars)	529,500	560,300	342,100	(X)	561,600	594,400
Selected monthly owner costs						
Housing units with a mortgage	179,474	121,614	26,586	-	9,342	21,932
Median (dollars)	2,309	2,416	1,778	(X)	2,205	2,439
Housing units without a mortgage	82,013	53,249	15,748	-	4,583	8,433
Median (dollars)	477	517	332	(X)	463	444
Selected monthly owner costs as a percentage of household income (SMOCAPI) 1/						
Housing units with a mortgage (excluding units where SMOCAPI cannot be computed)	178,673	121,191	26,415	-	9,297	21,770
Monthly costs were 35 percent or more of household income	69,752	45,008	11,010	(X)	4,026	9,708
Housing units without a mortgage (excluding units where SMOCAPI cannot be computed)	80,832	52,571	15,402	-	4,535	8,324
Monthly costs were 35 percent or more of household income	7,198	4,550	1,268	(X)	495	885
Gross rent						
Occupied units paying rent	170,461	124,197	19,057	17	7,357	19,833
Median(dollars)	1,313	1,381	1,043	313	1,228	1,299
Gross rent as a percentage of household income (GRAPI)						
Occupied units paying rent (excluding units where GRAPI cannot be computed)	166,882	121,497	18,525	17	7,179	19,664
35.0 percent or more	77,159	57,028	8,428	3	2,795	8,905

X Not applicable.

1/ Selected monthly owner costs as a percentage of household income (SMOCAPI) is the computed ratio of selected monthly owner costs to monthly household income. The ratio was computed separately for each unit and rounded to the nearest whole percentage. The data are tabulated only for owner-occupied units. It provides information on the monthly housing cost expenses for owners.

Source: U.S. Census Bureau, 2007-2011 American Community Survey 5-Year Estimates, Data Profile <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed December 6, 2012 and the American Community Survey Puerto Rico Community Survey 2011 Subject Definitions <http://www.census.gov/acs/www/Downloads/data_documentation/SubjectDefinitions/2011_ACSSubjectDefinitions.pdf> accessed May 29, 2013.

Table 21.18-- TENURE BY AGE OF HOUSEHOLDER: 2000 AND 2010

Subject	April 1, 2000	April 1, 2010	Percent change
Total housing units	460,542	519,508	12.8
Households by age of householder, total	403,240	455,338	12.9
Owner-occupied housing units	227,888	262,682	15.3
15 to 24 years	1,667	1,892	13.5
25 to 34 years	17,239	16,752	-2.8
35 to 44 years	43,073	36,459	-15.4
45 to 54 years	56,886	57,404	0.9
55 to 64 years	41,370	66,267	60.2
65 years and over	67,653	83,908	24.0
65 to 74 years	35,461	42,574	20.1
75 to 84 years	25,824	28,781	11.5
85 years and over	6,368	12,553	97.1
Renter-occupied housing units	175,352	192,656	9.9
15 to 24 years	14,657	14,705	0.3
25 to 34 years	43,668	44,670	2.3
35 to 44 years	45,181	39,337	-12.9
45 to 54 years	32,856	36,589	11.4
55 to 64 years	16,564	28,383	71.4
65 years and over	22,426	28,972	29.2
65 to 74 years	11,835	14,743	24.6
75 to 84 years	8,133	9,620	18.3
85 years and over	2,458	4,609	87.5

Source: U.S. Census Bureau, Census 2000 Summary File 1 Hawaii (July 25, 2001) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed June 20, 2011 and 2010 Census Summary File 1 Hawaii (June 16, 2011) <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml> accessed June 20, 2011.

Table 21.19-- CHARACTERISTICS OF HOUSING UNITS AND HOUSEHOLDS, FOR THE STATE, 2006 AND 2011, AND COUNTY, 2011

Subject	The State		County, 2011			
	2006	2011	Hono-lulu	Maui	Hawaii	Kauai
Home ownership (percent)	1/ 61	57	56	54	67	59
Unit size (bedrooms) (percent)						
Studio or 1 bedroom	17	15	15	17	13	12
2 bedrooms	24	22	21	26	21	19
3 bedrooms	39	39	37	37	47	51
4+ bedrooms	20	24	26	20	19	18
Total households	435,818	455,311	310,882	54,132	67,096	23,201
Household income (median dollars)	1/ 58,393	58,700	59,076	58,424	44,696	49,730
Average monthly mortgage payment (dollars)	1,167	1,355	1,415	1,461	1,106	1,273
Average monthly rent (dollars)	1,274	1,421	1,502	1,280	1,121	1,311
Crowded (percent) 2/	1/ 8.2	12.1	13.3	11.4	8.6	10.0
Monthly shelter payment as percent of monthly household income						
Under 30 percent	54.2	51.4	54.1	40.8	49.1	46.0
30 to 40 percent	11.3	10.4	8.2	18.0	12.5	17.3
Over 40 percent	22.7	27.7	28.0	30.2	25.1	24.2
No paymt/not enough info 3/	11.8	10.5	9.7	11.0	13.3	12.6
Household type (percent)						
Single member	22.9	22.9	22.2	24.7	24.6	22.5
Married, no children	22.8	21.0	19.6	22.2	25.0	23.6
Parent(s) and children	21.6	13.9	14.1	12.8	13.5	14.8
Unrelated roommates	3.2	5.5	5.0	7.0	6.5	4.4
Other 4/	28.8	35.2	37.6	30.7	29.0	32.5
Undetermined	0.6	1.6	1.4	2.6	1.4	2.2

1/ Revised from previous *Data Book.*

2/ Units with 1.01 or more persons per room.

3/ Households with no shelter payment or those that did not provide sufficient information to calculate a shelter-to-income ratio.

4/ Includes all other types of households that could be classified. This category includes many complex households such as those with many adults and many children, related and unrelated individuals, and more than two generations in a single household.

Source: *Hawai'i Housing Planning Study, 2011* , prepared by SMS Research & Marketing Services, Inc. (November 2011) <http://hawaii.gov/dbedt/hhfdc/resources/HHPS2011%20study.pdf> accessed April 20, 2012.

Table 21.20-- HOUSING UNITS, BY COUNTY: 2000 TO 2012

Year	State total	Honolulu	Hawaii	Kauai	Maui 1/
2000: April 1	460,542	315,988	62,674	25,331	56,549
2000: April 1 estimates base 2/	460,518	315,994	62,650	25,331	56,543
2000: July 1 2/	461,646	316,367	63,022	25,380	56,877
2001: July 1 2/	466,175	317,857	64,515	25,579	58,224
2002: July 1 2/	470,601	319,349	65,899	25,856	59,497
2003: July 1 2/	476,104	321,510	67,335	26,353	60,906
2004: July 1 2/	482,971	324,446	69,502	26,789	62,234
2005: July 1 2/	491,559	327,967	72,511	27,115	63,966
2006: July 1 2/	500,837	331,354	75,807	27,902	65,774
2007: July 1 2/	507,743	333,338	78,331	28,667	67,407
2008: July 1 2/	514,132	335,640	80,371	29,159	68,962
2009: July 1 2/	517,829	336,525	81,806	29,508	69,990
2010: April 1 2/	519,508	336,899	82,324	29,793	70,492
2010: April 1 estimates base 3/	519,508	336,899	82,323	29,794	70,492
2010: July 1 3/	519,936	337,006	82,459	29,908	70,563
2011: July 1 3/	522,482	338,281	83,420	30,037	70,744
2012: July 1 3/	524,343	339,391	83,977	30,115	70,860
Share of state total					
April 1, 2010 estimates base	100.0	64.8	15.8	5.7	13.6
July 1, 2012	100.0	64.7	16.0	5.7	13.5
April 1, 2010 estimates base to July 1, 2012					
Percent change	0.9	0.7	2.0	1.1	0.5
Average annual	0.4	0.3	0.9	0.5	0.2

1/ Maui County including Kalawao County.

2/ Housing unit estimates for 2000 through 2009 were revised based upon the April 1, 2010 figures which were released October 9, 2012.

3/ Housing unit estimates are based on revisions released in June 2013 and may differ from figures in previous *Data Books.* The estimates are based on the 2010 Census and reflect changes to the April 1, 2010 housing units due to the Count Question Resolution program and geographic program revisions.

Source: U.S. Census Bureau, "Table 2. Intercensal Estimates of Housing Units for Counties of Hawaii: April 1, 2000 to July 1, 2010" <http://www.census.gov/popest/data/intercensal/housing/tables/HU-EST00INT-02/HU-EST00INT-02-15.xls> accessed May 28, 2013; U.S. Census Bureau, Population Division "Annual Estimates of Housing Units for the United States, Regions, Divisions, States, and Counties: April 1, 2010 to July 1, 2012" (PEPANNHU) (June 27, 2013) <http://www.census.gov/popest/data/housing/totals/2012/index.html> accessed June 27, 2013; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 21.21-- NUMBER OF HOUSING UNITS IN OAHU NEIGHBORHOODS: 2000 AND 2010

Neighborhood area 1/ (see maps)	2000 2/	2010 3/	Percent change
Oahu total	315,988	340,906	7.9
1 Hawaii Kai	10,175	11,462	12.6
2 Kuliouou-Kalani Iki	5,677	5,765	1.6
3 Waialae-Kahala	3,982	4,261	7.0
4 Kaimuki	6,991	7,042	0.7
5 Diamond Head/Kapahulu/St. Louis Heights	8,252	8,285	0.4
6 Palolo	4,279	4,324	1.1
7 Manoa	7,616	7,667	0.7
8 McCully/Moiliili	14,098	14,382	2.0
9 Waikiki	18,370	19,196	4.5
10 Makiki/Lower Punchbowl/Tantalus	16,141	16,708	3.5
11 Ala Moana/Kakaako	9,440	12,583	33.3
12 Nuuanu/Punchbowl	6,759	6,837	1.2
13 Downtown	7,341	8,208	11.8
14 Liliha/Kapalama	6,974	7,019	0.6
15 Kalihi-Palama	11,108	11,523	3.7
16 Kalihi Valley	4,169	4,186	0.4
17 Moanalua	3,462	3,468	0.2
18 Aliamanu/Salt Lake/Foster Village	12,927	13,208	2.2
19 Airport Area	6,477	6,492	0.2
20 Aiea	10,194	10,461	2.6
21 Pearl City	15,040	15,079	0.3
22 Waipahu	17,263	18,704	8.3
23 Ewa	13,044	18,868	44.6
24 Waianae Coast	12,141	13,333	9.8
25 Mililani/Waipio/Melemanu	12,001	12,569	4.7
26 Wahiawa	11,972	12,305	2.8
27 North Shore	6,648	6,677	0.4
28 Koolauloa	4,473	4,532	1.3
29 Kahaluu	4,587	4,620	0.7
30 Kaneohe	11,347	11,474	1.1
31 Kailua	15,752	15,768	0.1
32 Waimanalo	2,890	2,987	3.4
33 Mokapu	2,388	2,388	0.0
34 Makakilo/Kapolei/Honokai Hale	7,968	11,254	41.2
35 Mililani Mauka-Launani Valley	4,042	7,271	79.9

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/ As of April 1, 2000. Year 2000 census data aggregated by traffic zone data. This may differ from data aggregated by census blocks which are shown in Table 21.22.

3/ As of June 30. 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: 1996 TO 2012

Year	Rental vacancy rate 1/		Homeowner vacancy rate 1/		Gross vacancy rate 2/		Year-round vacancy rate 3/		Homeownership rate 1/	
	State	Honolulu MSA 4/	State	Honolulu MSA 4/	State	Honolulu MSA 4/	State	Honolulu MSA 4/	State	Honolulu MSA 4/
1996	6.0	4.7	1.4	1.3	(NA)	(NA)	(NA)	(NA)	50.6	49.1
1997	7.1	6.4	1.6	1.3	(NA)	(NA)	(NA)	(NA)	50.2	48.5
1998	6.9	6.3	1.3	0.9	(NA)	(NA)	(NA)	(NA)	52.8	51.2
1999	7.6	7.6	1.8	1.2	(NA)	(NA)	(NA)	(NA)	56.6	56.0
2000	5.3	4.9	0.9	0.7	(NA)	(NA)	(NA)	(NA)	55.2	56.8
2001	8.2	8.0	0.8	0.6	(NA)	(NA)	(NA)	(NA)	55.5	55.4
2002 5/	7.3	5.5	0.9	1.0	(NA)	(NA)	(NA)	(NA)	57.9	57.0
2003	8.9	7.0	1.2	0.9	(NA)	(NA)	(NA)	(NA)	58.3	56.9
2004	7.7	5.8	1.3	1.1	(NA)	(NA)	(NA)	(NA)	60.6	59.4
2005	5.1	3.9	0.6	0.6	14.1	9.3	13.9	9.0	59.8	58.0
2006	5.5	3.9	1.0	0.8	15.5	10.4	13.8	9.0	59.9	58.4
2007	6.3	5.1	1.7	1.2	16.2	10.1	14.8	8.7	60.1	58.8
2008	7.2	5.1	1.7	1.0	16.1	9.9	14.6	8.6	59.1	57.2
2009	9.2	6.9	1.9	0.8	16.8	10.9	15.1	9.4	59.5	57.6
2010	8.1	7.2	1.9	1.0	17.8	11.5	16.4	10.0	56.1	54.9
2011	9.4	6.9	2.2	0.7	18.4	12.1	17.2	10.9	55.4	54.1
2012	10.2	6.3	2.3	1.3	16.8	10.2	15.8	8.8	57.2	56.1
Standard error 6/	1.3	1.3	0.5	0.5	1.0	1.0	1.0	1.0	1.8	2.1

NA Not available.

1/ In 2012, the rental vacancy rate for the entire U.S. was 8.7 and the rental vacancy rate for all U.S. inside metropolitan areas was 8.6; the homeowner vacancy rate for the entire U.S. was 2.0 and the homeowner vacancy rate for all U.S. inside metropolitan areas was 2.0; and the homeownership rate for the entire U.S. was 65.4 and the homeownership rate for all U.S. inside metropolitan areas was 63.9.

2/ Percentage of the total housing inventory that is vacant. The percentage numerator is all vacant units, while the percentage denominator is the sum of all occupied and vacant housing units. In 2012, the gross vacancy rate for the entire U.S. was 13.8 and for all U.S. inside metropolitan areas was 12.0.

3/ Percentage of the total housing inventory, excluding seasonal rentals, that is vacant. The percentage numerator is all year-round vacant units, while the percentage denominator is the sum of all year round vacant units and occupied units. In 2012, the year-round vacancy rate for the entire U.S. was 10.8 and for all U.S. inside metropolitan areas was 10.1.

4/ 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.

5/ Revised dataset.

6/ 90-percent confidence interval of standard errors.

Source: U.S. Census Bureau, "Housing Vacancies and Homeownership Annual Statistics: 2012" <http://www.census.gov/housing/hvs/> accessed May 16, 2013.

Table 21.24-- BUILDING VACANCY RATES FOR COMPETITIVE OFFICE SPACE FOR THE METROPOLITAN HONOLULU OFFICE MARKET, BY SUBMARKET: 2004 TO 2012

[The size of the Metropolitan Honolulu Office Market survey varies from year to year. For 2012, it included 93 multi-tenant Class A and Class B buildings with generally 20,000 square feet or more. Rates are percent of space reported vacant in survey]

Vacancy rate 1/	2004	2005	2006	2007	2008	2009	2010	2011	2012
Downtown 2/	11.6	9.8	7.3	10.1	9.6	10.5	15.1	16.1	15.1
Suburban 3/	10.7	8.4	7.9	7.2	8.1	10.2	12.3	15.1	14.8

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 generally 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 generally 20,000 square feet and above.

Source: CBRE Hawaii (formerly known as CB Richard Ellis, Inc. Hawaii), records.

Table 21.25-- STATE GOVERNMENT CAPITAL IMPROVEMENT PROJECT EXPENDITURES: 1990 TO 2012

[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	626,916	293,229	35,735	348	212,446	85,159
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	1	119,653	113,563
2004	400,707	236,176	-67,498	38	92,046	139,944
2005	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	1,131,450	545,559	95,979	33,812	247,366	208,734
2008	980,061	387,376	165,319	53,366	137,322	236,677
2009	1,102,080	507,997	114,942	24,568	223,789	230,784
2010	1,052,636	496,579	106,669	5,948	213,535	229,905
2011	1,004,491	517,179	95,371	2,579	182,313	207,049
2012	1,300,621	557,695	264,699	645	267,253	210,329

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.

Source: Hawaii State Department of Accounting and General Services, records; calculations by the Hawaii State Department of Business, Economic Development & Tourism as cited in DBEDT's *Quarterly Statistical and Economic Report - 1st Quarter* <http://hawaii.gov/dbedt/info/economic/data_reports/qser> accessed February 22, 2013.

Table 21.26-- HAWAII PUBLIC HOUSING AUTHORITY OPERATIONS: 2010 TO 2012

[Fiscal year ending June 30 unless otherwise specified]

Subject	2010	2011	2012 1/
Total units owned and administered by the Hawaii Public Housing Authority (HPHA)	6,195	6,195	2/ 5,737
Total units occupied, May 31	5,679	5,634	3/ 5,184
Total number of occupants, May 31	14,789	14,702	3/ 13,784
Federal Public Housing Operating Fund ($1,000)	4/ 22,399	4/ 20,409	(NA)
Average rent charged per unit per month (dollars) 5/	286	275	3/ 4/ 266

NA Not available.
1/ As of mid-2012.
2/ Federal low-rent, 4,871; State low-rent, 866.
3/ Data does not include 570 Kuhio Park Terrace units which receive federal subsidies. This differs from the previous years.
4/ Federal projects only; Federal subsidies received between July and June (fiscal year).
5/ Some units pay zero rent; some get a utility allowance greater than the amount of rent that would otherwise be charged.
Source: Hawaii State Department of Human Services, Hawaii Public Housing Authority, records.

Table 21.27-- CHARACTERISTICS OF THE REAL ESTATE SUBSECTOR (NAICS 531): 2007

[Includes establishments with payroll. Statistics based on the 2007 North American Industry Classification System (NAICS) which replaced the 2002 NAICS used in the 2002 Economic Census. The Standard Industrial Classification (SIC) system was used in Economic Censuses prior to 1997]

NAICS code	Kind of business	Establ-ish-ments	Revenue ($1,000)	Annual payroll ($1,000)	Paid emplo-yees 1/
531	Total	1,695	2,975,740	504,944	11,239
5311	Lessors of real estate	643	1,484,966	119,425	2,916
53111	Lessors of residential buildings & dwellings	284	526,197	34,378	1,181
531110	Lessors of residential bldgs & dwellings	284	526,197	34,378	1,181
5311101	Lessors of apartment buildings	201	219,244	16,856	624
5311109	Lessors of dwell other than apt bldgs	83	306,953	17,522	557
53112	Lessors of nonresidential buildings 2/	266	812,248	71,952	1,345
531120	Lessors of nonresidential buildings 2/	266	812,248	71,952	1,345
5311201	Lessors of professional & other office	100	292,223	35,417	472
5311202	Lessors of manufacture & industrial	48	96,638	5,561	157
5311203	Lessors of shopping ctr & retail stores	89	354,972	27,494	585
5311209	Lessors of other nonres bldgs/facilities	29	68,415	3,480	131
53113	Lessors of miniwarehouse & self-store units	60	44,846	5,072	260
531130	Lessors miniwarehse & self-storage units	60	44,846	5,072	260
53119	Lessors of other real estate property	33	101,675	8,023	130
531190	Lessors of other real estate property	33	101,675	8,023	130
5311901	Lessors of manufacture home sites 3/	7	3,394	282	15
5311909	Lessors of other real estate property	26	98,281	7,741	115
5312	Offices of real estate agents and brokers	586	884,735	175,275	3,285
53121	Offices of real estate agents and brokers	586	884,735	175,275	3,285
531210	Offices of real estate agents and brokers	586	884,735	175,275	3,285
5312101	Offices of residential real estate agents and brokers	515	789,926	154,862	2,926
5312109	Offices of nonresidential real estate agents and brokers	71	94,809	20,413	359
5313	Activities related to real estate	466	606,039	210,244	5,038
53131	Real estate property managers	296	478,699	161,167	4,013
531311	Residential property managers	209	342,011	124,132	3,133
531312	Nonresidential property managers	87	136,688	37,035	880
53132	Office of real estate appraisers	72	26,815	13,160	255
531320	Offices of real estate appraisers	72	26,815	13,160	255
53139	Other activities related to real estate	98	100,525	35,917	770
531390	Other activities related to real estate	98	100,525	35,917	770

1/ Pay period including March 12.

2/ Except miniwarehouses.

3/ Lessors of manufacture (mobile) home sites.

Source: U.S. Census Bureau, *2007 Economic Census, Real Estate and Rental and Leasing, Geographic Area Series, Hawaii* (November 2009) <http://http://factfinder.census.gov/servlet/EconSectorServlet?caller=dataset&sv_name=*&_SectorId=53&ds_name=EC0700A1&_lang=en&_ts=295190408353> accessed June 21, 2010.

Table 21.28-- CHARACTERISTICS OF THE REAL ESTATE SUBSECTOR (NAICS 531), BY COUNTY AND SELECTED ISLAND AND CENSUS DESIGNATED PLACE: 2007

[Includes establishments with payroll. Statistics based on the 2007 North American Industry Classification System (NAICS) which replaced the 2002 NAICS used in the 2002 Economic Census. The Standard Industrial Classification (SIC) system was used in Economic Censuses prior to 1997]

Geographic area	Establish-ments (number)	Revenue ($1,000)	Annual payroll ($1,000)	Paid employees, pay period including March 12
State total	1,695	2,975,740	504,944	11,239
Hawaii County	235	336,494	87,820	1,945
Hawaiian Paradise Park	1	(D)	(D)	(1/)
Hilo	69	43,715	5,569	213
Holualoa	17	(D)	(D)	(2/)
Kailua	54	51,029	10,778	264
Kalaoa	6	1,042	204	6
Waimea	15	(D)	(D)	(3/)
Balance of Hawaii County	73	(D)	(D)	(2/)
Honolulu County	1,081	(D)	(D)	(4/)
Aiea	10	(D)	(D)	(3/)
Ewa Beach	5	(D)	(D)	(1/)
Halawa	11	16,879	2,062	37
Honolulu	822	1,686,288	253,939	5,670
Kailua	38	26,605	4,830	111
Kaneohe	17	10,818	1,857	57
Maili	1	(D)	(D)	(1/)
Makaha	2	(D)	(D)	(1/)
Makakilo City	1	(D)	(D)	(1/)
Mililani Town	12	(D)	(D)	(3/)
Nanakuli	2	(D)	(D)	(1/)
Pearl City	8	2,020	445	25
Schofield Barracks	1	(D)	(D)	(5/)
Village Park	1	(D)	(D)	(1/)
Wahiawa	7	3,191	382	11
Waianae	8	2,759	599	22
Waimalu	44	37,422	6,472	240

Continued on next page.

Table 21.28-- CHARACTERISTICS OF THE REAL ESTATE SUBSECTOR (NAICS 531), BY COUNTY AND SELECTED ISLAND AND CENSUS DESIGNATED PLACE: 2007 -- Con.

Geographic area	Establish-ments (number)	Revenue ($1,000)	Annual payroll ($1,000)	Paid employees, pay period including March 12
Honolulu County (con.)				
Waipahu	21	12,721	2,129	61
Waipio	7	(D)	(D)	(3/)
Balance of Honolulu County	63	(D)	(D)	(6/)
Kauai County	139	(D)	(D)	(2/)
Kapaa	16	(D)	(D)	(3/)
Lihue	25	10,792	3,036	82
Balance of Kauai County	98	(D)	(D)	(2/)
Maui County	240	318,992	60,928	1,399
Island of Molokai 7/	5	(D)	(D)	(1/)
Haiku-Pauwela	3	(D)	(D)	(1/)
Kahului	24	38,969	6,406	140
Kihei	51	51,884	6,024	194
Lahaina	42	69,214	9,622	257
Makawao	7	(D)	(D)	(3/)
Napili-Honokowai	17	(D)	(D)	(6/)
Pukalani	4	(D)	(D)	(1/)
Waihee-Waiehu	1	(D)	(D)	(1/)
Wailea-Makena	18	(D)	(D)	(3/)
Wailuku	40	37,418	8,307	172
Balance of Maui County	28	(D)	(D)	(5/)

D Withheld to avoid disclosing data for individual companies.
1/ 0 to 19 employees.
2/ 500 to 999 employees.
3/ 20 to 99 employees.
4/ 5,000 to 9,999 employees.
5/ 100 to 249 employees.
6/ 250 to 499 employees.
7/ For statistical reasons, data for the island of Molokai may also include an unknown number of businesses physically located in the small portion of Molokai that is actually in Kalawao County.

Source: U.S. Census Bureau, *2007 Economic Census, Real Estate and Rental and Leasing, Geographic Area Series, Hawaii* (November 2009) <http://factfinder.census.gov/servlet/EconSectorServlet?caller=> dataset&sv_name=*&_SectorId=53&ds_name=EC0700A1&_lang=en&_ts=295286223807> accessed June 21, 2010.

Table 21.29-- REAL ESTATE LICENSES, ACTIVE AND INACTIVE, BY TYPE OF LICENSE AND LOCATION: APRIL 17, 2013

[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	12,052	4,619	Oahu	7,503	2,477
			Hawaii	1,592	431
Broker	5,516	639	Maui	1,883	611
Individual	3,133	591	Kauai	839	325
Sole owner	917	-	Molokai	37	5
Corporation or partnership	808	33	Lanai	11	8
Limited liability corporation/			U.S. mainland	184	739
limited liability partnership	658	15	Foreign	3	16
			Other	-	7
Salesman	6,536	3,980			

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 17, 2013 <http://hawaii.gov/dcca/pvl/reports/pvl_geo/> accessed May 15, 2013.

Table 21.30-- MULTIPLE LISTING SERVICE LISTINGS AND SALES, FOR OAHU: 1988 TO 2012

[Data include single family, condominium/cooperative, vacant, multi-family, commercial/industrial, and business opportunities]

Year	Number listed	Number sold	Percent sold	Mean sales price (dollars)
1988	14,548	9,886	68.0	201,000
1989	13,873	9,757	70.3	238,257
1990	17,097	9,243	54.1	319,500
1991	15,280	5,682	37.2	299,599
1992	13,421	5,509	41.0	292,342
1993	13,124	5,371	40.9	297,149
1994	12,655	5,759	45.5	297,428
1995	12,834	4,060	31.6	307,617
1996	12,147	3,896	32.1	300,494
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
2008	16,060	6,936	43.2	563,993
2009	12,540	6,205	49.5	495,340
2010	13,165	1/ 7,187	1/ 54.6	1/ 537,945
2011	12,070	1/ 7,192	1/ 59.6	1/ 519,690
2012	10,746	7,760	72.2	547,816

1/ Revised from previous *Data Book.*

Source: Honolulu Board of Realtors, Multiple Listing Service records; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 21.31-- MULTIPLE LISTING SERVICE LISTINGS AND SALES, BY TYPE OF PROPERTY, FOR OAHU: 2010 TO 2012

Year and type of property	Number listed	Number sold	Percent sold	Sales price (dollars)	
				Median	Mean
2010					
Total	13,165	1/ 7,187	1/ 54.6	(NA)	1/ 537,945
Single family	5,170	1/ 3,023	1/ 58.5	595,000	1/ 723,901
Condominium/cooperative	6,929	1/ 3,970	1/ 57.3	1/ 310,000	1/ 375,499
Vacant land	425	87	20.5	525,000	860,219
Multi-family	265	68	25.7	1,035,000	1,268,081
Commercial/industrial	176	23	13.1	715,000	1,039,565
Business opportunities	200	16	8.0	87,500	134,250
2011					
Total	12,070	1/ 7,192	1/ 59.6	(NA)	1/ 519,690
Single family	4,870	1/ 2,954	1/ 60.7	575,000	1/ 711,513
Condominium/cooperative	6,523	1, 4,035	1/ 61.9	300,000	1/ 365,185
Vacant land	290	1/ 87	1/ 30.0	430,000	1/ 495,547
Multi-family	170	1/ 67	1/ 39.4	1/ 1,100,000	1/ 1,311,524
Commercial/industrial	113	32	28.3	751,250	934,649
Business opportunities	104	17	16.3	78,888	81,699
2012					
Total	10,746	7,760	72.2	(NA)	547,816
Single family	4,202	3,173	75.5	620,000	754,310
Condominium/cooperative	5,866	4,361	74.3	317,500	374,478
Vacant land	326	86	26.4	382,500	507,087
Multi-family	140	72	51.4	1,137,500	1,434,396
Commercial/industrial	142	52	36.6	552,178	1,455,236
Business opportunities	70	16	22.9	80,000	123,158

NA Not available.
1/ Revised from previous *Data Book.*
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: 2010 TO 2012

Selling price range	2010	2011	2012
All properties	1/ 3,023	1/ 2,954	3,173
On leased land	19	23	30
Percent	0.6	0.8	0.9
Less than $100,000	5	1/ 4	8
$100,000 to $149,999	7	1/ 16	18
$150,000 to $199,999	15	24	11
$200,000 to $249,999	41	52	43
$250,000 to $299,999	78	1/ 68	71
$300,000 to $349,999	118	1/ 125	89
$350,000 to $399,999	172	1/ 207	164
$400,000 to $449,999	287	1/ 268	256
$450,000 to $499,999	288	1/ 290	298
$500,000 to $549,999	269	1/ 277	258
$550,000 to $599,999	241	1/ 251	267
$600,000 to $649,999	242	1/ 216	242
$650,000 to $699,999	238	1/ 197	247
$700,000 to $799,999	315	1/ 276	373
$800,000 to $899,999	1/ 185	1/ 181	243
$900,000 to $999,999	145	110	131
$1.0 to $1.9 million	304	1/ 317	347
$2.0 to $2.9 million	40	1/ 38	63
$3.0 to $3.9 million	1/ 19	20	25
$4.0 to $4.9 million	4	8	9
$5.0 million or more	10	9	10
Median value (dollars)	595,000	575,000	620,000
Mean value (dollars)	1/ 723,901	1/ 711,513	754,310

1/ Revised from previous *Data Book.*
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: 2010 TO 2012

Selling price range	2010	2011	2012 Total	2012 Fee simple	2012 Lease-hold
All properties	1/ 3,970	1/ 4,035	4,361	3,966	395
Less than $50,000	32	1/ 49	22	-	22
$50,000 to $74,999	49	1/ 62	49	16	33
$75,000 to $99,999	110	1/ 119	84	56	28
$100,000 to $124,999	118	126	136	87	49
$125,000 to $149,999	1/ 113	1/ 160	147	108	39
$150,000 to $174,999	147	1/ 177	153	121	32
$175,000 to $199,999	175	209	237	201	36
$200,000 to $224,999	228	1/ 248	248	220	28
$225,000 to $249,999	1/ 300	1/ 314	333	294	39
$250,000 to $274,999	329	1/ 253	306	284	22
$275,000 to $299,999	255	1/ 272	270	256	14
$300,000 to $349,999	550	1/ 500	562	547	15
$350,000 to $399,999	1/ 381	397	457	440	17
$400,000 to $449,999	287	1/ 299	338	332	6
$450,000 to $499,999	206	1/ 197	261	257	4
$500,000 to $599,999	1/ 251	1/ 231	279	277	2
$600,000 to $699,999	1/ 175	1/ 140	174	171	3
$700,000 to $799,999	1/ 84	1/ 94	103	103	-
$800,000 to $899,999	1/ 48	39	47	46	1
$900,000 to $999,999	1/ 22	36	38	36	2
$1,000,000 or more	1/ 110	113	117	114	3
Median value (dollars)	1/ 310,000	300,000	317,500	330,000	168,000
Mean value (dollars)	1/ 375,499	1/ 365,185	374,478	392,181	193,878

1/ Revised from previous *Data Book.*

Source: Honolulu Board of Realtors, Multiple Listing Service records.

Table 21.34-- MULTIPLE LISTING SERVICE, NUMBER OF SINGLE FAMILY AND CONDOMINIUM SALES, BY COUNTY: 1997 TO 2012

Category and year	State total	Oahu 1/	Hawaii	Kauai	Maui
SINGLE FAMILY					
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	7,380	3,885	1,932	538	1,025
2003	8,891	4,477	2,310	676	1,428
2004	9,395	4,749	2,692	698	1,256
2005	9,401	4,616	2,757	671	1,357
2006	7,567	3,928	2,084	477	1,078
2007	6,787	3,557	1,683	408	1,139
2008	5,031	2,694	1,148	284	905
2009	4,870	2,643	1,247	263	717
2010	5,660	2,977	1,510	358	815
2011	5,769	2,889	1,620	361	899
2012	6,087	3,113	1,611	424	939
CONDOMINIUM					
1997	3,524	2,079	448	145	852
1998	4,480	2,651	502	270	1,057
1999	5,694	3,290	577	402	1,425
2000	6,577	3,900	659	419	1,599
2001	6,559	4,231	562	359	1,407
2002	8,284	5,407	706	472	1,699
2003	10,620	7,110	956	535	2,019
2004	11,711	8,156	1,081	521	1,953
2005	11,938	8,041	1,166	673	2,058
2006	8,875	6,197	750	698	1,230
2007	7,426	5,428	519	295	1,184
2008	5,190	3,862	371	169	788
2009	4,827	3,497	328	161	841
2010	5,739	3,834	521	235	1,149
2011	2/ 5,980	2/ 3,929	605	289	1,157
2012	6,448	4,285	592	318	1,253

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: 1997 TO 2012

[In dollars]

Category and year	State total	Oahu 1/	Hawaii	Kauai	Maui
SINGLE FAMILY					
1997	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	268,950	300,000	187,750	287,000	297,500
2002	310,000	335,000	193,500	327,750	375,000
2003	360,000	385,000	235,000	366,375	440,000
2004	440,000	465,000	290,000	498,925	560,000
2005	560,000	590,000	385,000	639,000	678,000
2006	599,133	630,000	421,250	675,000	690,000
2007	595,000	645,000	395,000	650,000	630,137
2008	560,000	625,000	345,000	615,000	575,000
2009	497,750	580,000	278,800	470,000	498,106
2010	488,000	600,000	260,000	497,500	460,000
2011	470,000	2/ 579,000	246,450	455,000	432,000
2012	500,000	625,000	260,000	458,750	470,000
CONDOMINIUM					
1997	145,000	150,000	125,000	120,000	152,250
1998	138,000	134,000	122,500	128,000	161,000
1999	137,700	125,000	135,000	120,000	165,000
2000	140,000	125,000	135,000	150,000	195,000
2001	145,000	132,000	139,500	162,500	197,000
2002	165,000	153,000	165,500	210,000	207,000
2003	185,000	175,000	185,000	287,000	241,000
2004	230,000	208,125	275,000	375,000	310,000
2005	299,000	269,000	369,500	435,000	385,000
2006	339,000	310,000	426,498	405,000	510,000
2007	350,000	325,000	394,900	565,000	550,000
2008	347,750	325,000	370,000	545,000	549,500
2009	319,000	305,000	276,550	330,000	450,000
2010	310,000	305,000	260,000	270,000	377,500
2011	290,000	300,000	212,500	237,000	310,000
2012	317,750	315,000	257,750	290,000	358,000

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-- FORECLOSURE FILINGS, BY JUDICIAL CIRCUIT: 1993 TO 2012

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
2008	1,363	666	254	359	84
2009	1,800	786	386	488	140
2010	1,300	611	280	316	93
2011	2,657	1,171	571	750	165
2012	3,188	1,505	678	860	145

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 21.37-- FORECLOSURE ACTIVITY, BY COUNTY: APRIL 2013

State and county	Foreclosure rate 1/
State of Hawaii	1 out of every 1,447
Hawaii	1 out of every 804
Honolulu	1 out of every 2,270
Kauai	1 out of every 2,951
Maui	1 out of every 710

1/ The foreclosure rate is calculated by dividing the total housing units in the county (based on the most recent estimate of the U.S. Census Bureau) by the total number of properties that received foreclosure filings during the month (using most recent monthly data available), and that number is expressed as a ratio (i.e. 1 in 100 housing units received a foreclosure filing during the month). The lower the second number in the ratio, the higher the foreclosure rate. So 1 in 100 is higher than 1 in 1,000.

Source: RealtyTrac, National Real Estate Trends <http://www.realtytrac.com/trendcenter/trend.html> and Hawaii Real Estate Trends <http://www.realtytrac.com/statsandtrends/foreclosuretrends/hi> accessed May 31, 2013.

Table 21.38-- ELEVATORS, ESCALATORS, AND SIMILAR FACILITIES: 2009

[As of December 31]

Facility	State total	Oahu	Hawaii		Maui	Molo-kai	Lanai	Kauai
			Hilo	Kona				
Total	6,485	5,007	194	305	691	5	22	261
Elevators	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	-	-	-	-	-	-
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 21.39-- TALLEST STRUCTURES, BY ISLAND: MARCH 2013

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
Pacifica Honolulu	1009 Kapiolani Blvd.	2012	48	400
Kauai				
Marriott Resort & Beach Club	Lihue	1959	10	107
OTHER STRUCTURES				
Hawaii				
Coast Guard LORAN Station	Upolu Point	1958	(X)	625
Maui				
(NA)	(NA)	(NA)	(NA)	(NA)
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: County building departments.

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. 2007 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: 2012.*

Table Number **Table Name**

(Click on the table number to go to corresponding table)

Narrative

22.01	Statistical Summary of Manufactures (NAICS 31-33): 2006 to 2011
22.02	Detailed Manufacturing Statistics (NAICS 31-33): 2002 and 2007
22.03	Statistical Summary of Manufacturing (NAICS 31-33), by County: 2007
22.04	Manufacturing, by Selected Industry Group (NAICS 31-33): 2011
22.05	Manufacturing, Employment and Wages (NAICS 31-33), by Selected NAICS Code: 2011
22.06	General Excise Tax Base for Manufacturing: 1987 to 2012
22.07	Industrial and High-Technology Parks, by Island: 2008 to 2011
22.08	Pineapple Companies and Canneries, and Sugar Companies and Mills, 1955 to 2012, and by Island, 2011 and 2012
22.09	Sugar and Molasses Production: 1991 to 2012
22.10	Value of Sales for Pineapple and Sugar Production: 1990 to 2011

Table 22.01-- STATISTICAL SUMMARY OF MANUFACTURES (NAICS 31-33): 2006 TO 2011

[In millions of dollars unless otherwise noted. Industry groups with 950 employees or more. Statistics based on the North American Industry Classification System (NAICS)]

Subject	2006	2007	2008	2009	2010 1/	2011
All employees						
Number (1,000)	14.0	14.1	12.8	11.6	10.7	10.7
Payroll	503.8	511.5	490.6	445.9	429.6	431.0
Production workers						
Number (1,000) 2/	9.0	9.5	8.3	7.3	6.8	6.7
Hours (millions)	18.1	17.5	16.3	13.9	13.0	12.9
Wages	299.5	294.4	268.7	239.6	238.1	232.3
Value added by manufacture	2,049.1	3,013.7	1,707.6	1,688.0	1,391.4	1,456.6
Cost of materials 3/	5,301.5	5,812.5	6,647.0	4,239.1	5,044.0	6,353.3
Value of shipments 3/	7,301.0	8,799.3	8,528.2	5,928.6	6,399.1	7,694.5
Total capital expenditures	173.5	86.7	135.7	85.6	75.0	101.3

1/ Revised from previous *Data Book.*

2/ For years 2006 to 2008, 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, 2006* (December 2006) <http://www.census.gov/mcd/asm-as3.html> accessed March 5, 2008; Ibid, *2008* (March 2010) <http://www.census.gov/econ/census07/www/get_data.html> accessed June 9, 2010; Ibid, *2009* (December 2010) <http://factfinder.census.gov/servlet/IBQTable?_bm=y&-ds_name=AM0931AS101&-geo_id=04000US15&-search_results=01000US&-_lang=en> accessed April 12, 2011; Ibid, *2010* (November 2011) <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ASM_2010_31AS101&prodType=table> accessed March 29, 2012; Ibid, *2011* (November 2012) <http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?fpt=table> accessed June 26, 2013.

Table 22.02-- DETAILED MANUFACTURING STATISTICS (NAICS 31-33): 2002 AND 2007

[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	
	2002	2007
Companies 1/	(NA)	942
All establishments 2/	929	984
1 to 19 employees	772	813
20 to 99 employees	135	148
100 employees or more	22	23
All employees 3/	13,200	14,127
Total compensation ($1,000)	512,860	674,489
Annual payroll	421,269	511,486
Total fringe benefits	91,591	163,003
Production workers, average for year	8,865	9,487
On March 12	8,858	9,671
On May 12	8,830	9,478
On August 12	8,880	9,416
On November 12	8,859	9,383
Production-worker hours (1,000)	16,837	17,480
Production-worker wages ($1,000)	254,713	294,394
Total cost of materials ($1,000)	2,246,539	5,812,515
Materials, parts, containers, packaging, etc., used	1,904,259	5,010,642
Resales	246,016	632,000
Purchased fuels	41,001	98,510
Purchased electricity	21,969	32,373
Contract work	33,294	38,990
Quantity of electricity purchased for heat and power (1,000 kWh)	204,563	193,390
Quantity of electricity generated less sold for heat and power (1,000 kWh)	356,114	(D)
Total value of shipments ($1,000)	3,460,199	8,799,266
Value of resales	280,656	730,979
Value added ($1,000)	1,217,728	3,013,731
Total inventories, beginning of year ($1,000)	366,172	761,942
Finished goods	195,042	485,768
Work-in-process	74,346	(D)
Materials and supplies	96,784	(D)

Continued on next page.

Table 22.02-- DETAILED MANUFACTURING STATISTICS (NAICS 31-33): 2002 AND 2007 -- Con.

Item	Value	
	2002	2007
Total inventories, end of year ($1,000)	370,990	776,859
Finished goods	237,652	542,393
Work-in-process	31,358	69,898
Materials and supplies	101,980	164,568
Gross value of depreciable assets (acquisition costs) at beginning of year ($1,000)	1,386,417	1,788,164
Total capital expenditures (new and used)	82,960	86,735
Buildings and other structures	13,569	15,982
Machinery and equipment	69,391	70,753
Automobiles, trucks, etc., for highway use	5,399	6,713
Computers and peripheral data processing equipment	4,080	8,606
All other expenditures for machinery and equipment	59,912	55,434
Total retirements	33,527	88,206
Gross value of depreciable assets at end of year ($1,000)	1,435,850	1,786,693
Depreciation charges during year ($1,000)	76,908	83,345
Total rental payments ($1,000)	51,216	49,759
Buildings and other structures	36,161	31,654
Machinery and equipment	15,055	18,105

NA Not available.

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

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, August, and November plus other employees for payroll period that includes the 12th of March.

Source: 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; *2007 Economic Census, Manufacturing, Geographic Area Series,Detailed Statistic for the State: 2007* (April 2010) <http://www.census.gov/econ/census07/www/get_data.html> accessed June 9, 2010.

Table 22.03-- STATISTICAL SUMMARY OF MANUFACTURING (NAICS 31-33), BY COUNTY: 2007

[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	Maui County
All establishments 1/	984	684	138	114
With 20 employees or more	171	138	17	11
All employees				
Number	14,127	10,996	1,516	1,319
Payroll ($1,000)	511,486	398,932	53,572	50,718
Production workers				
Number 2/	9,487	7,322	1,055	901
Hours (1,000)	17,490	13,464	1,848	1,844
Wages ($1,000)	294,394	224,670	33,650	30,987
Value added by manufacture ($1,000)	3,013,731	2,694,778	136,290	160,916
Cost of materials 3/ ($1,000)	5,812,515	5,545,636	142,641	101,402
Value of shipments 3/ ($1,000)	8,799,266	8,201,881	290,120	262,749
Total capital expenditures ($1,000)	86,735	51,694	16,076	17,382

1/ Includes establishments with payroll at any time during the year.

2/ Average number of production workers for pay period that includes the12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

3/ 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, 2007 *Economic Census, Manufacturing, Geographic Area Series, Industry Statistics for the States, Metropolitan and Micropolitan Statistical Areas, Counties, and Places: 2007* (April 2010) <http://www.census.gov/econ/census07/www/get_data.html> accessed June 9, 2010.

Table 22.04-- MANUFACTURING, BY SELECTED INDUSTRY GROUP (NAICS 31-33): 2011

[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	Printing & related support NAICS 323	Printing & related support NAICS 3231	Non-metallic mineral NAICS 327
All employees						
Number 1/	10,676	4,515	2,083	(NA)	(NA)	(NA)
Payroll ($1,000)	430,960	143,057	48,637	(NA)	(NA)	(NA)
Production workers						
Number 1/	6,691	2,938	1,526	(NA)	(NA)	(NA)
Hours (1,000)	12,874	5,288	2,574	(NA)	(NA)	(NA)
Wages ($1,000)	232,283	77,984	33,012	(NA)	(NA)	(NA)
Value added ($1,000)	1,456,574	490,258	110,946	(NA)	(NA)	(NA)
Total cost of materials ($1,000) 2/	6,353,328	554,390	79,137	(NA)	(NA)	(NA)
Total value of shipments ($1,000) 2/	7,694,544	1,035,242	190,290	(NA)	(NA)	(NA)
Total capital expenditures ($1,000)	101,253	29,457	4,576	(NA)	(NA)	(NA)

NA Not available.

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, Annual Survey of Manufactures: Geographic Area Statistics: *Statistics for All Manufacturing by State: 2011 and 2010* <http://www.census.gov/manufacturing/asm/index.html> accessed June 26, 2013.

Table 22.05-- MANUFACTURING, EMPLOYMENT AND WAGES (NAICS 31-33), BY SELECTED NAICS CODE: 2011

[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 establish-ments	Annual average employ-ment	Total annual wages ($1,000)	Annual wages per employee
	Total	935	13,169	532,601	40,444
311	Food	291	5,663	162,326	28,665
3113	Sugar & confectionery product	20	768	28,163	36,671
3114	Fruit & vegetable preserving & specialty	18	302	7,923	26,249
3115	Dairy product	10	308	14,695	47,648
3116	Animal slaughtering & processing	17	406	13,373	32,979
3117	Seafood product prep. & packaging	4	60	1,223	20,495
3118	Bakeries & tortilla	133	2,065	49,922	24,181
3119	Other food	85	1,688	45,109	26,725
312	Beverage and tobacco product	30	853	39,617	46,449
3121	Beverage	30	853	39,617	46,449
314	Textile product mills	25	178	5,468	30,717
3141	Textile furnishings mills	8	110	3,767	34,242
3149	Other textile product mills	17	68	1,701	25,015
315	Apparel	56	522	12,639	24,224
3152	Cut and sew apparel	53	518	12,543	24,218
3159	Accessories and other apparel	3	4	96	24,927
321	Wood product	25	218	6,895	31,703
3212	Plywood & engineered wood product	5	106	2,997	28,161
322	Paper	5	78	3,173	40,678
3222	Converted paper product	5	78	3,173	40,678
323	Printing & related support activities	101	820	29,341	35,770
3231	Printing & related support activities	101	820	29,341	35,770
325	Chemical	32	365	16,167	44,282
3251	Basic chemical	7	128	7,239	56,777
3253	Agricultural chemical	4	58	2,380	41,393
3256	Soap, cleaning compound, and toiletry	16	99	2,551	25,872
326	Plastics & rubber products	20	258	10,610	41,125
327	Nonmetallic mineral product	54	767	44,004	57,410
3273	Cement & concrete product	27	593	37,737	63,593
3279	Other nonmetallic mineral products	18	129	5,310	41,107
332	Fabricated metal product	41	315	16,285	51,670
333	Machinery	5	56	3,180	56,363

Continued on next page.

Table 22.05-- MANUFACTURING, EMPLOYMENT AND WAGES (NAICS 31-33), BY SELECTED NAICS CODE: 2011 -- Con.

NAICS code	Kind of business	Average establish-ments	Annual average employ-ment	Total annual wages ($1,000)	Annual wages per employee
334	Computer & electronic product	11	154	9,295	60,489
335	Electrical equipment & appliance	3	36	2,333	64,074
336	Transportation equipment	34	1,005	64,854	64,542
3363	Motor vehicle parts	4	17	621	36,918
3366	Ship & boat building	26	971	63,169	65,056
337	Furniture & related product	59	399	16,485	41,281
3371	Household and institutional furniture	49	316	12,844	40,698
339	Miscellaneous	133	926	34,174	36,905
3391	Medical equipment & supplies	36	264	12,225	46,233
3399	Other miscellaneous	97	662	21,950	33,177

Source: U.S. Department of Labor, Bureau of Labor Statistics, *Employment and Wages, Annual Averages 2011,* table 10 <http://www.bls.gov/cew/ew11table10.pdf> accessed June 25, 2013.

Table 22.06-- GENERAL EXCISE TAX BASE FOR MANUFACTURING: 1987 TO 2012

[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	1996	622,889	2005	738,573
1988	629,303	1997	581,259	2006	781,626
1989	630,997	1998	535,371	2007	766,208
1990	728,387	1999	585,305	2008	795,352
1991	714,407	2000	586,039	2009	752,237
1992	714,470	2001	611,292	2010	708,787
1993	717,423	2002	612,658	2011	695,442
1994	618,238	2003	638,863	2012	646,969
1995	614,771	2004	642,245		

Source: Hawaii State Department of Taxation, "General Excise and Use Tax Base" (annual) and as revised. Beginning in 1997, <http://www.state.hi.us/tax/a5_3txcolrptarchive.htm> accessed June 27, 2013.

Table 22.07-- INDUSTRIAL AND HIGH-TECHNOLOGY PARKS, BY ISLAND: 2008 TO 2011

Subject	State total	Hawaii	Maui	Molokai	Oahu	Kauai
2008						
Number of parks	25	4	5	1	13	2
Total acres	4,866.80	1,867.00	776.30	16.50	2,138.00	69.00
Developed acres	3,067.12	717.00	232.30	6.70	2,042.12	69.00
Number of tenants 1/	1,101	184	20	1	836	60
Number of owners 2/	629	86	248	9	193	93
2009						
Number of parks	25	4	5	1	13	2
Total acres	5,018.50	1,864.20	747.30	16.50	2,321.50	69.00
Developed acres	2,852.10	499.50	205.30	6.70	2,071.60	69.00
Number of tenants 3/	1,145	191	20	1	918	15
Number of owners	755	100	250	9	303	93
2010						
Number of parks	25	4	5	1	13	2
Total acres	4,983.52	1,864.22	777.30	16.50	2,256.50	69.00
Developed acres	2,932.10	569.50	205.30	6.70	2,081.60	69.00
Number of tenants 4/	1,125	207	20	(NA)	883	15
Number of owners 5/	537	111	194	9	213	10
2011						
Number of parks	25	4	5	1	13	2
Total acres	4,753.38	1,864.00	701.30	16.50	2,102.58	69.00
Developed acres	2,917.68	609.00	251.30	6.70	1,981.68	69.00
Number of tenants 6/	733	216	20	(NA)	482	15
Number of owners 7/	438	111	145	9	163	10

NA Not Available.
1/ Data on number of tenants not available for 5 parks: 4 on Maui and 1 on Oahu.
2/ Data on number of owners not available for 2 parks on Oahu.
3/ Data on number of tenants not available for 6 parks: 4 on Maui, 1 on Oahu and 1 on Kauai.
4/ Data on number of tenants not available for 8 parks: 4 on Maui, 1 on Molokai, 2 on Oahu and 1 on Kauai.
5/ Data on number of owners not available for 3 parks: 1 on Maui, 1 on Oahu and 1 on Kauai.
6/ Data on number of tenants not available for 9 parks: 4 on Maui, 1 on Molokai, 3 on Oahu and 1 on Kauai.
7/ Data on number of owners not available for 7 parks: 2 on Maui, 4 on Oahu and 1 on Kauai.
Source: *Pacific Business News*, Vol. 46, No. 46 (January 9, 2009), p. 18; Vol. 47, No. 46 (January 8, 2010), p. 15; Vol. 48, No. 47 (January 14, 2011), p. 16; and Vol. 50, No. 32 (October 5, 2012), p. 18.

Table 22.08-- PINEAPPLE COMPANIES AND CANNERIES, AND SUGAR COMPANIES AND MILLS, 1955 TO 2012, AND BY ISLAND, 2011 AND 2012

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
1995	3	1	8	10
2000	3	1	3	4
2005	3	1	2	2
2006	3	1	2	2
2007	2	-	2	2
2008	2	-	2	2
2009	2	-	1	1
2010	2/ 2	-	1	1
2011	2/ 2	-	1	1
2012	2/ 2	-	1	1
ISLAND: 2011				
Hawaii	-	-	-	-
Maui	2/ 1	-	1	1
Oahu	2/ 1	-	-	-
Kauai	-	-	-	-
ISLAND: 2012				
Hawaii	-	-	-	-
Maui	2/ 1	-	1	1
Oahu	2/ 1	-	-	-
Kauai	-	-	-	-

1/ In operation; excludes cooperatives.

2/ Includes Dole Food Company Hawaii & Haliimaile Pineapple Company, might exclude smaller diversified farms.

Source: Pineapple Growers Association of Hawaii, records; *Hawaiian Sugar Manual* (annual); Dole Food Company, records; Hawaii Agriculture Research Center, records; and Hawaiian Commercial & Sugar Company, records.

Table 22.09-- SUGAR AND MOLASSES PRODUCTION: 1991 TO 2012

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	41,762	20,385	1,492,357	206,008	192,535	62,231
2008	39,663	20,426	1,422,296	185,171	173,061	62,278
2009	39,812	20,244	2/ 973,876	176,208	164,684	2/ 40,631
2010	34,693	15,488	1,195,345	171,949	160,704	50,161
2011	35,532	15,063	1,286,373	182,582	169,801	51,106
2012	36,746	15,867	1,259,453	178,549	166,872	49,300

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.

2/ Gay & Robinson data not available.

Source: Hawaiian Sugar Planters' Association, *Hawaiian Sugar Manual* (annual), and records; Hawaii Agriculture Research Center, records; and Hawaiian Commercial & Sugar Company, records.

Table 22.10-- VALUE OF SALES FOR PINEAPPLE AND SUGAR PRODUCTION: 1990 TO 2011

[In millions of dollars]

Year	Pineapple		Sugar	
	Canned fruit and juices 1/	Fresh market sales 2/	Raw sugar 96°	Commercial molasses
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	4.6
2006	(NA)	60.5	74.8	4.9
2007	(NA)	(D)	70.9	5.4
2008	(NA)	(D)	66.1	5.3
2009	(D)	(D)	65.8	7.8
2010	(D)	(D)	104.2	5.4
2011	(D)	(D)	116.8	8.4

NA Not available.

D Data not shown separately to avoid disclosure of individual operations.

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.

Source: USDA National Agricultural Statistics Service, Hawaii Annual Statistics Bulletin (annual) <http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Annual_Statistical_Bulletin/index.asp> accessed June 17, 2013; 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, *2007 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 Tourism Authority's Tourism Research. Hawaii Film Office 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: 2012* , 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 2012

[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
2008	25,498,526	11,199,610	342,329	645,963	13,400,692
2009	23,567,451	10,993,980	333,223	582,781	11,939,742
2010	24,298,654	11,356,344	353,686	556,594	12,165,086
2011	27,750,265	12,460,801	388,277	590,955	14,157,437
2012	29,976,425	12,898,627	399,355	676,615	14,687,369

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://www6.hawaii.gov/tax/a5_3txcolrpt.htm>.

Table 23.02-- RETAIL ESTABLISHMENTS, BY PAYROLL STATUS: 1972 TO 2007

[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
2007	14,535	5,012	9,523	18,062	17,612	450

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; *2002 Economic Census, Nonemployer Statistics, Hawaii,* <http://www.census.gov/epcd/nonemployer/2002/hi/HI000.HTM> accessed February 2, 2005; 2007 Economic Census, Sector 44: EC0744A1: Retail Trade: Geographic Area Series: Summary Statistics for the United States, States, Metro Areas, Counties, and Places: 2007 <http://factfinder.census.gov/servlet/IBQTable?_bm=y&-geo_id=04000US15&-ds_name=EC0744A1&-_lang=en> accessed January 21, 2010; and *Nonemployer Statistics, Hawaii,* 2007 Retail Trade Hawaii <http://www.census.gov/epcd/nonemployer/2007/hi/HI000_44.HTM> accessed January 21, 2010.

Table 23.03-- FOOD SERVICES & DRINKING PLACES (NAICS 722) BY TYPE OF SERVICE: 2007

[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	Establish-ments (number)	Sales ($1,000)	Annual payroll ($1,000)	Paid employees, pay period including March 12 (number)
722	Food services & drinking places	3,225	3,257,403	919,126	60,304
7221	Full-service restaurants	1,156	1,623,477	533,212	32,241
7222	Limited-service eating places	1,675	1,255,734	291,913	22,668
7223	Special food services	130	257,264	66,446	3,289
72231	Food service contractors	73	213,872	53,886	2,563
72232	Caterers	45	40,497	11,890	678
72233	Mobile food services	12	2,895	670	48
7224	Drinking places (alcoholic beverages)	264	120,928	27,555	2,106

Source: U.S. Census Bureau, 2007 Economic Census, Sector 72: EC0772A1: Accommodation and Food Services, Geographic Area Series, Summary Statistics for the United States, States, Metro Areas, Counties, and Places: 2007 <http://factfinder.census.gov/servlet/IBQTable?_bm=y&-geo_id=04000US15&-ds_name=EC0772A1&-_lang=en> accessed February 22, 2010.

Table 23.04-- CHARACTERISTICS OF RETAIL ESTABLISHMENTS (NAICS 44-45) WITH PAYROLL, BY BROAD GEOGRAPHIC AREA: 2007

[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	5,012	3,058	1,954
Sales ($1,000)	17,611,851	11,518,349	6,093,502
Annual payroll ($1,000)	1,766,387	1,144,106	622,281
First quarter payroll ($1,000)	436,072	282,826	153,246
Paid employees for pay period including March 12	70,661	46,613	24,048

Source: U.S. Census Bureau, 2007 Economic Census, Sector 44: EC0744A1: Retail Trade: Geographic Area Series, Summary Statistics for the United States, States, Metro Areas, Counties, and Places: 2007 <http://factfinder.census.gov/servlet/IBQTable?_bm=y&-ds_name=EC0744A1&-_skip=300&-geo_id=04000US15&- geo_id=05000US15001&-geo_id=05000US15003&-geo_id=05000US15007&-geo_id=05000US15009&-search_results=04000US15&-_lang=en&-fds_name=EC0700A1> accessed February 22, 2010.

Table 23.05-- RETAIL ESTABLISHMENTS (NAICS 44-45), BY COUNTY AND SELECTED URBAN PLACE: 2007

[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, pay period including March 12 (number)
State total	5,012	17,611,851	1,766,387	70,661
Hawaii County	722	2,566,012	249,996	9,730
Hilo	258	1,156,313	108,878	4,178
Holualoa	15	28,803	1,950	73
Kailua	170	589,964	65,346	2,406
Kalaoa	30	285,259	21,295	674
Waimea	32	118,853	11,113	435
Balance of Hawaii County 1/	217	386,820	41,414	1,964
Honolulu County	3,058	11,518,349	1,144,106	46,613
Ahuimanu	4	(D)	(D)	(2/)
Aiea	22	53,352	4,875	228
Ewa Beach	14	29,248	2,777	153
Halawa	19	21,701	2,800	111
Honolulu	2,028	6,960,071	697,039	27,464
Kailua	103	350,905	38,156	1,578
Kaneohe	129	555,310	51,583	2,113
Kaneohe Station	4	3,027	528	26
Maili	4	9,728	454	20
Makaha	3	(D)	(D)	(2/)
Makakilo City	4	(D)	(D)	(2/)
Mililani Town	36	248,061	26,036	1,106
Nanakuli	15	38,713	3,831	233
Pearl City	50	474,211	39,118	1,666
Schofield Barracks	3	(D)	(D)	(2/)
Village Park	6	128,241	14,285	580
Wahiawa	45	119,710	11,366	563
Waianae	20	100,660	8,625	411
Waimalu	163	631,082	66,407	3,172
Waipahu	104	858,280	80,103	2,560
Waipio	18	39,408	3,677	181
Waipio Acres	4	3,646	410	22
Balance of Honolulu County 3/	260	858,811	88,854	4,240

Continued on next page.

Table 23.05-- RETAIL ESTABLISHMENTS (NAICS 44-45), BY COUNTY AND SELECTED URBAN PLACE: 2007 -- Con.

Geographic area	Number of establishments	Sales ($1,000)	Annual payroll ($1,000)	Paid employees, pay period including March 12 (number)
Kauai County	379	1,052,671	110,278	4,457
Kapaa	60	142,950	15,322	652
Lihue	81	473,610	47,183	1,641
Balance of Kauai County 4/	238	436,111	47,773	2,164
Maui County	853	2,474,819	262,007	9,861
Haiku-Pauwela	13	12,292	1,813	62
Island of Lana'i	9	12,618	1,879	85
Island of Moloka'i	24	40,537	4,461	252
Kahului	213	1,329,037	133,058	4,591
Kihei	76	233,957	22,740	947
Lahaina	208	340,015	39,052	1,583
Makawao	24	10,223	1,770	93
Napili-Honokowai	13	32,077	2,668	123
Pukalani	10	62,786	5,936	233
Waihee-Waiehu	1	(D)	(D)	(5/)
Wailea-Makena	63	109,446	13,372	423
Wailuku	60	116,138	14,664	493
Balance of Maui County 6/	139	(D)	(D)	(7/)

D Withheld to avoid disclosing data for individual companies.
1/ Includes Captain Cook, Hawaiian Beaches, Mountain View and Waikoloa Village CDPs.
2/ 20 to 99 employees.
3/ Includes Ewa Gentry, Ewa Villages, Hauula, Heeia, Kahaluu, Laie, Maunawili, Pupukea, Waialua, Waimanalo, Waimanalo Beach, Wheeler AFB, and Whitmore Village CDPs.
4/ Includes Hanamaulu, Kalaheo, Kekaha, and Wailua Homesteads CDPs.
5/ 0 to 19 employees.
6/ Includes Kaunakakai CDP.
7/ 500 to 999 employees.
Source: U.S. Census Bureau, 2007 Economic Census, Sector 44: EC0744A1: Retail Trade: Geographic Area Series, Summary Statistics for the United States, States, Metro Areas, Counties, and Places: 2007 <http://factfinder.census.gov/servlet/EconSectorServlet?caller=dataset&sv_name=*&_SectorId=44&ds_name=EC0700A1&_lang=en&_ts=289405358914> accessed April 15, 2010.

Table 23.06-- RETAIL ESTABLISHMENTS (NAICS 44-45) WITH PAYROLL, BY KIND OF BUSINESS: 2007

[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 establish-ments	Sales ($1,000)	Annual payroll ($1,000)	Paid employ-ees 1/
44-45	Retail trade	5,012	17,611,851	1,766,387	70,661
441	Motor vehicle and parts dealers	330	3,110,901	309,104	7,390
442	Furniture and home furnishings stores	194	356,443	55,189	1,707
443	Electronics and appliance stores	164	461,878	42,901	2,003
444	Building material and garden equipment and supplies dealers	291	1,442,237	149,264	5,135
445	Food and beverage stores	682	2,695,453	290,004	12,966
446	Health and personal care stores	353	1,236,445	126,383	4,520
447	Gasoline stations	295	1,437,697	62,760	3,067
448	Clothing and clothing accessories stores	1,359	2,014,864	237,653	12,215
451	Sporting goods, hobby, book, and music stores	315	423,535	53,423	3,091
452	General merchandise stores	103	3,610,968	313,451	12,724
453	Miscellaneous store retailers	763	654,111	103,641	5,057
454	Nonstore retailers	163	167,319	22,614	786

1/ For pay period including March 12.

Source: U.S. Census Bureau, *2007 Economic Census*, Sector 44: EC0744A1: Retail Trade: Geographic Area Series, Summary Statistics for the United States, States, Metro Areas, Counties, and Places: 2007 <http://factfinder.census.gov/servlet/IBQTable?_bm=y&-fds_name=EC0700A1&-geo_id=04000US15&-_skip=0&-ds_name=EC0744A1&-_lang=en> accessed February 22, 2010.

Table 23.07-- PRIVATE INDUSTRY RETAIL EMPLOYMENT AND WAGES, ANNUAL AVERAGES (NAICS 44-45): 2011

[Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system]

NAICS code	Retail trade	Average establish-ments	Average employ-ment	Total wages ($1,000)	Wages per employee
	Total	4,421	67,118	1,889,880	28,158
441	Motor vehicle and parts dealers	320	6,019	278,412	46,253
442	Furniture and home furnishings stores	166	1,398	46,494	33,264
4421	Furniture stores	75	557	20,627	37,044
44221	Floor covering stores	31	359	14,544	40,467
442291	Window treatment stores	7	29	993	34,227
442299	All other home furnishings stores	53	453	10,330	22,829
443	Electronics and appliance stores	130	1,456	50,181	34,473
444	Building material and garden supply stores	226	4,249	136,281	32,070
44411	Home centers	37	2,630	76,613	29,133
44412	Paint and wallpaper stores	20	96	4,348	45,131
44413	Hardware stores	47	602	15,824	26,296
44419	Other building material dealers	88	599	29,946	49,987
44421	Outdoor power equipment stores	9	72	2,557	35,388
44422	Nursery, garden, and farm supply stores	26	250	6,993	27,944
445	Food and beverage stores	642	13,873	359,677	25,926
44511	Supermarkets and other grocery stores	226	9,789	261,122	26,675
44512	Convenience stores	203	2,272	54,495	23,991
44521	Meat markets	22	177	5,071	28,583
44522	Fish and seafood markets	40	394	9,822	24,950
44523	Fruit and vegetable markets	21	126	2,454	19,439
445291	Baked goods stores	15	85	2,417	28,546
445292	Confectionery and nut stores	28	284	6,498	22,908
445299	All other specialty food stores	39	517	13,585	26,302
4453	Beer, wine, and liquor stores	48	231	4,214	18,281
446	Health and personal care stores	405	4,908	161,559	32,917
44611	Pharmacies and drug stores	196	3,325	120,972	36,384
44612	Cosmetic and beauty supply stores	64	756	18,847	24,927
44613	Optical goods stores	74	353	7,834	22,215
446191	Food, health, supplement stores	41	286	6,551	22,913
446199	All other health and personal care stores	30	189	7,354	38,998
447	Gasoline stations	231	2,345	53,825	22,955
44711	Gasoline stations with convenience stores	189	1,990	45,472	22,847
44719	Other gasoline stations	42	355	8,353	23,558

Continued on next page.

Table 23.07-- PRIVATE INDUSTRY RETAIL EMPLOYMENT AND WAGES, ANNUAL AVERAGES (NAICS 44-45): 2012 -- Con.

NAICS code	Retail trade	Average establish-ments	Average employ-ment	Total wages ($1,000)	Wages per employee
448	Clothing and clothing accessories stores	1,108	10,894	248,111	22,774
44811	Men's clothing stores	52	835	15,363	18,409
44812	Women's clothing stores	253	2,759	61,524	22,300
44813	Children's and infants' clothing stores	23	201	2,359	11,764
44814	Family clothing stores	93	2,003	32,241	16,097
44815	Clothing accessories stores	80	837	25,444	30,384
44819	Other clothing stores	158	1,370	22,905	16,716
4482	Shoe stores	91	884	17,450	19,749
44831	Jewelry stores	344	1,780	60,503	34,000
44832	Luggage and leather goods stores	14	227	10,323	45,525
451	Sporting goods, hobby, book and music stores	277	2,917	59,417	20,373
45111	Sporting goods stores	168	1,610	34,424	21,386
45112	Hobby, toy, and game stores	32	603	9,444	15,651
45113	Sewing, needlework, and piece goods stores	15	106	2,469	23,385
45114	Musical instrument and supplies stores	23	98	2,230	22,739
45121	Book stores and news dealers	39	500	10,850	21,710
452	General merchandise stores	129	13,411	349,113	26,032
452111	Department stores, except discount	24	3,931	87,963	22,376
452112	Discount department stores	37	6,028	145,643	24,163
45291	Warehouse clubs and supercenters	11	2,902	105,228	36,264
45299	All other general merchandise stores	57	551	10,279	18,666
453	Miscellaneous store retailers	680	5,306	134,857	25,417
4531	Florists	93	419	7,697	18,380
45321	Office supplies and stationery stores	45	741	21,453	28,935
45322	Gift, novelty, and souvenir stores	287	2,417	63,557	26,296
4533	Used merchandise stores	48	491	9,812	20,003
45391	Pet and pet supplies stores	36	(D)	(D)	(D)
45392	Art dealers	91	411	12,655	30,791
453991	Tobacco stores	16	80	1,260	15,768
453998	Store retailers not specified elsewhere	62	400	10,926	27,298
454	Nonstore retailers	109	342	11,952	34,974

D Data do not meet BLS or State agency disclosure standards.

Source: U.S. Bureau of Labor Statistics, Employment and Wages Annual Averages 2011, table 10, <http://www.bls.gov/cew/ew11table10.pdf> accessed April 26, 2013.

Table 23.08-- RETAIL TRADE AND FOOD SERVICES SALES, BY TYPE OF STORE: 2009

[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	2009
Total Retail sales and food and drink	44, 45, 722	21,626
All retail stores 1/	44, 45	18,257
Motor vehicle and parts dealers	441	2,622
Furniture and home furnishings	442	357
Electronics and appliances	443	376
Building material and garden equipment and supply dealers	444	1,578
Food and beverage stores	445	3,270
Health and personal care	446	1,348
Gasoline stations	447	1,239
Clothing and clothing accessories	448	2,269
Sporting goods, hobby, book, & music stores	451	451
General merchandise	452	3,660
Miscellaneous store	453	789
Nonstore retailers	454	296
Food services & drinking places	722	3,369

1/ Includes other types of stores, not shown separately.

Source: Nielsen Claritas Retail Market Power 2010, estimates cited in U.S. Census Bureau, *Statistical Abstract of the United States: 2012,* pp. 664-665.

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: 2010 AND 2011

Subject	Hawaii 2010	Hawaii 2011	United States 2011	Hawaii as percent of U.S.
Shopping center space (millions sq ft) 1/	27.6	27.6	7,400	0.4
Number of shopping centers 1/	262	262	109,491	0.2
Shopping center space per capita (sq ft)	20.3	20.1	23.7	(X)
Shopping center jobs per center	209	211	111	(X)
Number of center jobs per 1,000 sq ft	2.0	2.0	1.6	(X)
Number of jobs (in thousands)	55	55	12,200	0.5
Shopping center share of total employment (percent)	9.3	9.3	9.3	(X)
Shopping center retail sales (millions of dollars)	8,900	9,200	2,360,000	0.4
Per capita shopping center sales	6,550	6,709	7,582	(X)
State sales tax revenue (millions of dollars) 2/	400	400	138,400	0.3

X Not applicable.

1/ Copyright, CoStar Realty Information, Inc., www.costar.com.

2/ Sales tax revenue generated at shopping centers, except for states not taxing: Alaska, Delaware, New Hampshire, Montana and Oregon. Local government sales tax revenue not included.

Source: International Council of Shopping Centers <http://www.icsc.org/government/state_stats/Hawaii.pdf> accessed May 21, 2012.

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 feet (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: 2007

[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	1,041	1,168	11	228
Sales, calendar year (million dollars)	1623.5	1031.1	20.1	120.9
Seats, Dec. 31	105,786	29,109	2,273	9,943
Average cost per meal (establishments)				
Less than $2.00	-	2	-	(X)
$2.00 to $4.99	-	58	8	(X)
$5.00 to $6.99	83	443	-	(X)
$7.00 to $9.99	208	626	3	(X)
$10.00 to $14.99	362	160	-	(X)
$15.00 to $19.99	183	13	-	(X)
$20.00 to $29.99	173	-	3	(X)
$30.00 or more	147	-	-	(X)
Menu type or specialty (establishments)				
Italian	125	6	-	(X)
Mexican	74	88	-	(X)
Chinese	136	79	3	(X)
Other ethnic	350	244	5	(X)
Seafood	57	34	2	(X)
Steak	47	6	-	(X)
Pizza	20	173	-	(X)
Chicken	-	47	-	(X)
Hamburger	14	185	-	(X)
Sandwich (Sub shop)	3	188	-	(X)
Other food specialty	28	147	-	(X)
Establishments with no food specialty	302	105	4	(X)

X Not applicable.

Source: U.S. Census Bureau, 2007 Economic Census, Accommodation and Food Services, Subject Series: Misc Subjects <http://factfinder.census.gov/servlet/EconSectorServlet?caller=dataset&sv_name=*&_SectorId=72&ds_name=EC0700A1&_lang=en&_ts=324224678497> accessed on April 26, 2011.

Table 23.13-- DUTY-FREE STORE REVENUES: 1985 TO 2012

[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	1999	192,429,772
1986	270,891,959	2000	229,392,900
1987	369,788,429	2001	215,257,193
1988	445,072,755	2002	149,962,722
1989	451,185,041	2003	158,854,936
1990	413,932,037	2004	168,305,421
1991	378,587,469	2005	189,517,794
1992	421,953,644	2006	174,632,693
1993	397,322,968	2007	147,125,047
1994	413,417,555	2008	130,749,679
1995	419,548,514	2009	116,402,544
1996	425,824,748	2010	119,377,140
1997	355,636,355	2011	152,849,776
1998	271,692,798	2012	199,596,711

Source: DFS Hawaii, records; for 1995-2011 data Hawaii State Department of Transportation, Airport Division, records.

Table 23.14-- ALCOHOLIC BEVERAGE SALES, BY TYPE: 2006 TO 2008

[Fiscal year ending June 30]

Category	Wine gallons of 128 fluid ounces			Wholesale value, 2008 (dollars)
	2006	2007	2008	
All types	36,970,982	37,273,879	38,134,537	518,469,467
Distilled spirits	1,985,998	2,025,171	2,076,423	117,578,919
Sparkling wine	258,108	273,728	267,387	17,451,123
Still wine	3,552,543	3,674,139	3,827,244	140,628,196
Cooler beverage	459,835	401,978	378,096	4,577,391
Draft beer	2,706,714	2,724,226	2,784,432	16,959,536
Beer other than draft	28,007,784	28,174,637	28,800,955	221,274,302

Source: Hawaii State Department of Taxation, Tax Research and Planning, records.

Table 23.15-- PRODUCT LINE SALES FOR RETAIL TRADE (NAICS 44-45): 2007

Products and services code	Meaning of products and services code	Number of establish-ments	Sales ($1,000)	Line sales as % of sales of establish-ments with line	Line sales as % of total sales of NAICS
20000	Industry total	5,012	17,611,851	(X)	100.0
20100	Groceries & other food for human consumption off the premises	1,289	2,932,814	33.5	16.7
20140	Packaged liquor, wine, & beer	757	442,705	7.0	2.5
20150	Cigars, cigarettes, etc & smokers' access, excluding sls from vending	979	308,999	4.0	1.8
20160	Drugs, health aids, beauty aids, including cosmetics	1,151	1,464,275	18.0	8.3
20180	Soaps, detergents, & household cleaners	702	145,769	2.0	0.8
20190	Paper & related products, including paper towels, toilet tissue, wraps, etc	668	167,679	2.6	1.0
20200	Men's wear, including accessories	885	503,736	12.4	2.9
20220	Women's, juniors', & misses' wear, including accessories	1,168	910,412	23.7	5.2
20240	Children's wear, including boys, girls, & infants & toddlers	475	173,319	5.2	1.0
20260	Footwear, including accessories	764	259,642	9.4	1.5
20270	Sewing, knitting materials & supplies, needlework goods	86	12,620	0.6	0.1
20280	Curtains, draperies, blinds, slipcovers, bed & table coverings	153	97,826	2.7	0.6
20300	Major household appliances	118	170,270	4.2	1.0
20310	Small electric appliances & personal care appliances	187	47,857	1.0	0.3
20320	TVs, video recorders, video cameras, video tapes, DVDs, etc	251	277,853	5.8	1.6
20330	Audio equipment, musical instruments, radios, stereos, CDs, records, etc	233	119,202	3.5	0.7
20340	Furniture, sleep equipment & outdoor/patio furniture	278	263,322	7.0	1.5
20360	Flooring & floor coverings	135	186,970	7.0	1.1
20370	Computer hardware, software, & supplies	122	308,634	10.6	1.8
20380	Kitchenware & home furnishings	497	191,261	3.1	1.1

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Table 23.15-- PRODUCT LINE SALES FOR RETAIL TRADE (NAICS 44-45): 2007 -- Con.

Products and services code	Meaning of products and services code	Number of establish-ments	Sales ($1,000)	Line sales as % of sales of establish-ments with line	Line sales as % of total sales of NAICS
20400	Jewelry, including watches, watch attach, novelty jewelry, etc	1,111	631,613	16.3	3.6
20420	Books	297	79,022	2.1	0.4
20440	Photographic equipment & supplies	133	54,327	1.5	0.3
20460	Toys, hobby goods, & games	350	155,276	3.9	0.9
20490	Optical goods, including eyeglasses, contact lenses, sunglasses, etc	335	74,394	2.1	0.4
20500	Sporting goods	353	222,075	8.5	1.3
20600	Hardware, tools, & plumbing & electrical supplies	334	411,791	8.2	2.3
20620	Lawn, garden, & farm equipment & supplies	431	244,619	4.9	1.4
20640	Dimensional lumber & other building/ structural materials & supplies	149	582,001	48.4	3.3
20670	Paint & sundries	130	132,822	6.1	0.8
20690	Wallpaper & other flexible wallcoverings	26	2,230	0.3	(1/)
20700	Automobiles, cars, vans, trucks, motorcycles, motor scooters, etc	141	2,366,443	83.6	13.4
20720	Automotive fuels	304	1,251,797	53.2	7.1
20730	Automotive lubricants, including oil, greases,etc	319	34,233	0.8	0.2
20740	Automotive tires, tubes, batteries, parts, accessories	435	383,189	6.7	2.2
20780	Household fuels, including oil, LP gas, wood, coal	57	59,005	27.1	0.3
20800	Pets, pet foods, & pet supplies	292	95,758	2.1	0.5
20850	All other merchandise	1,604	864,584	10.8	4.9
29810	All other merchandise	567	257,584	4.9	1.5
29900	All nonmerchandise receipts	893	496,944	5.2	2.8

X Not applicable.

1/ Less than half the unit shown.

Source: U.S. Census Bureau, 2007 Economic Census, Sector 44: EC0744SLLS1: Retail Trade: Subject Series - Product Lines: Product Lines Statistics by Kind of Business for the United States and States: 2007 <http://factfinder.census.gov/servlet/IBQTable?_bm=y&-ds_name=EC0744SLLS1&-geo_id=> 04000US15&-search_results=01000US&-_lang=en&-fds_name=EC0700A1> accessed February 8, 2011.

Table 23.16-- WHOLESALE TRADE ESTABLISHMENTS AND SALES (NAICS 42): 1939 TO 2007

[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	2007	1,844	12,672,267

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, *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 and 2007 Economic Census, Sector 42: EC0742A1: Wholesale Trade, Geographic Area Series, Summary Statistics for the United States, States, Metro Areas, Counties, and Places: 2007 <http://factfinder.census.gov/servlet/IBQTable?_bm=y&-geo_id=04000US15&-fds_name=EC0700A1&-_skip=100&-ds_name=EC0742A1&-_lang=en> accessed April 12, 2010.

Table 23.17-- CHARACTERISTICS OF WHOLESALE ESTABLISHMENTS (NAICS 42), BY BROAD GEOGRAPHIC AREA: 2007

[Includes establishments with payroll. Merchant wholesalers, except manufacturers' sales branches and offices. 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	1,629	1,244	385
Sales ($1,000)	8,894,672	7,377,106	1,517,566
Annual payroll ($1,000)	699,069	565,119	133,950
First quarter payroll ($1,000)	165,004	133,744	31,260
Paid employees for pay period including March 12 (number)	17,707	14,049	3,658
Operating expenses ($1,000)	1,327,500	1,074,340	253,160
Inventories ($1,000):			
Beginning of year	933,038	807,851	125,187
End of year	953,953	823,950	130,003

Source: U.S. Census Bureau, 2007 Economic Census, Sector 42: EC0742A1: Wholesale Trade, Geographic Area Series, Summary Statistics for the United States, States, Metro Areas, Counties, and Places: 2007 <http://factfinder.census.gov/servlet/IBQTable?_bm=y&-ds_name=EC0742A1&-geo_id=04000US15&-geo_id=05000US15001&-geo_id=05000US15003&-geo_id=05000US15007&-geo_id=05000US15009&-search_results=04000US15&-_lang=en&-fds_name=EC0700A1> accessed April 13, 2010.

Table 23.18-- WHOLESALE TRADE (NAICS 42), BY TYPE OF BUSINESS: 2007

[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 establish-ments (number)	Sales ($1,000)	Annual payroll ($1000)	Paid employees, pay period including March 12 (number)
42	Wholesale trade	1,844	12,672,267	836,071	20,252
4231	Motor vehicles and parts	71	764,783	39,117	946
4232	Furniture and home furnishings	53	127,571	17,974	481
4233	Lumber and other construction materials	91	712,864	56,361	1,165
4234	Commercial equipment	127	541,116	66,783	1,228
4235	Metals and minerals, except petroleum	23	(D)	(D)	(1/)
4236	Electrical and electrical goods	103	1,248,579	63,590	1,068
4237	Hardware, and plumbing	82	396,241	35,525	660
4238	Machinery, equipment, and supplies	120	373,623	51,970	1,037
4239	Miscellaneous durable goods	199	(D)	(D)	(2/)
4241	Paper and paper products	69	315,975	35,654	827
4242	Drugs and druggists' sundries	54	1,369,954	35,908	829
4243	Apparel, piece goods, and notions	117	179,867	25,802	885
4244	Grocery and related products	310	2,713,376	200,909	5,900
4245	Farm product raw materials	2	(D)	(D)	(3/)
4246	Chemical and allied products	34	69,456	7,392	192
4247	Petroleum and petroleum products	30	1,468,636	20,037	325
4248	Beer, wine, and distilled alcoholic beverages	33	(D)	(D)	(2/)
4249	Miscellaneous nondurable goods	193	(D)	(D)	(2/)
4251	Wholesale electronic markets and agents and brokers	133	897,850	24,676	659

D Withheld to avoid disclosing data for individual companies.
1/ 100 to 249 employees.
2/ 1,000 to 2,499 employees.
3/ 0 to 19 employees.

Source: U.S. Census Bureau, 2007 Economic Census, Sector 42: EC0742A1: Wholesale Trade, Geographic Area Series, Summary Statistics for the United States, States, Metro Areas, Counties, and Places: 2007 <http://factfinder.census.gov/servlet/IBQTable?_bm=y&-geo_id=04000US15&-fds_name=EC0700A1&-_skip=100&-ds_name=EC0742A1&-_lang=en> accessed April 12, 2010.

Table 23.19-- WHOLESALE TRADE (NAICS 42), BY COUNTY AND SELECTED URBAN PLACE: 2007

[Includes establishments with payroll. Merchant wholesalers, except manufacturers' sales and offices. 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, pay period including March 12 (number)
Hawaii	1,629	8,894,672	699,069	17,707
Hawaii County	185	732,242	62,051	1,847
Hilo	77	428,437	30,154	950
Holualoa	2	(D)	(D)	(1/)
Kailua	27	86,122	8,706	199
Kalaoa	25	97,434	9,105	224
Waimea	3	5,197	560	18
Balance of Hawaii County 2/	50	114,201	13,245	440
Honolulu County	1,244	7,377,106	565,119	14,049
Ahuimanu	3	716	112	4
Aiea	9	38,054	3,905	77
Ewa Beach	1	(D)	(D)	(1/)
Halawa	28	104,590	10,735	264
Honolulu	890	5,111,271	374,544	9,440
Kailua	23	21,753	3,476	74
Kaneohe	19	15,146	1,615	39
Kaneohe Station	1	(D)	(D)	(1/)
Maili	2	(D)	(D)	(1/)
Makaha	1	(D)	(D)	(1/)
Makakilo City	3	(D)	(D)	(3/)
Mililani Town	7	2,209	285	10
Pearl City	32	228,831	15,197	378
Village Park	1	(D)	(D)	(1/)
Wahiawa	4	9,341	848	17
Waianae	1	(D)	(D)	(1/)
Waimalu	26	64,266	9,750	241
Waipahu	51	302,944	34,151	904
Waipio	24	406,473	37,104	765
Balance of Honolulu County 4/	118	1,066,687	72,197	1,792

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Table 23.19-- WHOLESALE TRADE (NAICS 42), BY COUNTY AND SELECTED URBAN PLACE: 2007 -- Con.

Geographic area	Number of establishments	Sales ($1,000)	Annual payroll ($1,000)	Paid employees, pay period including March 12 (number)
Kauai County, HI	61	209,395	16,437	525
Kapaa	13	19,012	2,503	122
Lihue	26	139,756	9,948	293
Balance of Kauai County 5/	22	50,627	3,986	110
Maui County, HI	139	575,929	55,462	1,286
Haiku-Pauwela	9	8,085	1,812	50
Island of Lana'i	2	(D)	(D)	(1/)
Island of Moloka'i	6	7,604	666	28
Kahului	52	356,347	32,804	652
Kihei	8	17,072	1,927	60
Lahaina	8	4,522	968	29
Makawao	3	2,759	489	22
Napili-Honokowai	2	(D)	(D)	(1/)
Pukalani	2	(D)	(D)	(1/)
Wailuku	37	154,425	14,784	387
Balance of Maui County 6/	10	(D)	(D)	(3/)

D Withheld to avoid disclosing data for individual companies.
1/ 0 to 19 employees.
2/ Includes Captain Cook, Hawaiian Beaches, Mountain View and Waikoloa Village CDPs.
3/ 20 to 99 employees.
4/ Includes Ewa Gentry, Ewa Villages, Hauula, Heeia, Kahaluu, Laie, Maunawili, Pupukea, Waialua, Waimanalo, Waimanalo Beach, Wheeler AFB, and Whitmore Village CDPs.
5/ Includes Hanamaulu, Kalaheo, Kekaha, and Wailua Homesteads CDPs.
6/ Includes Kaunakakai CDP.
Source: U.S. Census Bureau, 2007 Economic Census, Sector 42: EC0742A1: Wholesale Trade: Geographic Area Series, Summary Statistics for the United States, States, Metro Areas, Counties, and Places: 2007 <http://factfinder.census.gov/servlet/EconSectorServlet?caller=dataset&sv_name=*&_SectorId=42&ds_name=EC0700A1&_lang=en&_ts=289490038265> accessed April 15, 2010.

Table 23.20-- PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES ESTABLISHMENTS (NAICS 54), BY COUNTY AND SELECTED URBAN PLACE: 2007

[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	3,291	3,171,797	1,229,481	22,460
Hawaii County	330	190,814	68,566	1,574
Hawaiian Paradise Park	1	(D)	(D)	(1/)
Hilo	120	82,109	25,340	737
Holualoa	11	(D)	(D)	(2/)
Kailua	77	29,678	11,172	251
Kalaoa	22	10,280	3,807	81
Waimea	27	19,065	9,502	133
Balance of Hawaii County 3/	72	(D)	(D)	(4/)
Honolulu County	2,456	2,721,790	1,068,540	18,805
Ahuimanu	6	1,303	345	6
Aiea	12	4,180	4,860	148
Ewa Beach	4	(D)	(D)	(5/)
Halawa	19	6,726	2,716	69
Honolulu	1,931	2,313,251	913,085	15,491
Kailua	102	90,002	27,701	490
Kaneohe	52	25,791	9,321	257
Kaneohe Station	3	4,258	1,787	31
Maili	1	(D)	(D)	(1/)
Makakilo City	7	2,019	592	22
Mililani Town	21	6,010	1,695	79
Pearl City	16	8,502	3,953	90
Schofield Barracks	8	14,010	5,156	86
Village Park	6	815	295	15
Wahiawa	17	6,982	2,425	87
Waianae	11	3,478	1,463	59
Waimalu	45	39,353	15,486	358
Waipahu	14	9,830	3,904	156
Waipio	11	12,815	5,841	104
Balance of Honolulu County 6/	170	(D)	(D)	(7/)

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Table 23.20-- PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES ESTABLISHMENTS (NAICS 54), BY COUNTY AND SELECTED URBAN PLACE: 2007 -- Con.

Geographic area	Establishments (number)	Receipts/ revenue ($1,000)	Annual payroll ($1,000)	Paid employees, pay period including March 12 (number)
Kauai County	134	76,416	28,513	662
Kapaa	18	(D)	(D)	(2/)
Lihue	33	19,725	7,758	194
Balance of Kauai County 8/	83	(D)	(D)	(4/)
Maui County	371	182,777	63,862	1,419
Haiku-Pauwela	18	3,664	917	32
Island of Lana'i	2	(D)	(D)	(1/)
Island of Moloka'i	2	(D)	(D)	(1/)
Kahului	43	23,970	8,221	243
Kihei	59	44,421	14,809	267
Lahaina	21	9,031	2,595	80
Makawao	14	4,171	1,019	25
Napili-Honokowai	2	(D)	(D)	(1/)
Pukalani	11	2,513	928	26
Waihee-Waiehu	1	(D)	(D)	(1/)
Wailea-Makena	17	3,128	633	17
Wailuku	128	72,341	27,159	572
Balance of Maui County 9/	53	(D)	(D)	(5/)

D Withheld to avoid disclosing data for individual companies.
1/ 0 to 19 employees..
2/ 20 to 99 employees.
3/ Includes Captain Cook, Hawaiian Beaches, Mountain View and Waikoloa Village CDPs.
4/ 250 to 499 employees.
5/ 100 to 249 employees.
6/ Includes Ewa Gentry, Ewa Villages, Hauula, Heeia, Kahaluu, Laie, Maunawili, Pupukea, Waialua, Waimanalo, Waimanalo Beach, Wheeler AFB, and Whitmore Village CDPs.
7/ 1,000 to 2,499 employees.
8/ Includes Hanamaulu, Kalaheo, Kekaha, and Wailua Homesteads CDPs.
9/ Includes Kaunakakai CDP.
Source: U.S. Census Bureau, 2007 Economic Census, Sector 54: Professional, Scientific, and Technical Services: Geographic Area Series, Summary Statistics for the United States, States, Metro Areas, Counties, and Places: 2007 <http://factfinder.census.gov/servlet/EconSectorServlet?caller=dataset&sv_name=*&_SectorId=54&ds_name=EC0700A1&_lang=en&_ts=289516242308EC0754A1> accessed April 15, 2010.

Table 23.21-- ADMINISTRATIVE AND SUPPORT AND WASTE MANAGEMENT AND REMEDIATION SERVICES ESTABLISHMENTS (NAICS 56), BY COUNTY AND SELECTED URBAN PLACE: 2007

[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, pay period including March 12
State total	1,895	2,557,815	1,251,189	46,823
Hawaii County	241	264,580	140,613	5,149
Hilo	59	51,627	22,520	1,237
Holualoa	8	2,067	529	27
Kailua	57	112,628	81,886	2,670
Kalaoa	20	22,225	6,055	243
Waimea	17	18,399	5,068	121
Balance of Hawaii County 1/	80	57,634	24,555	851
Honolulu County	1,229	1,762,589	866,874	33,475
Ahuimanu	6	3,124	1,148	32
Aiea	12	10,056	3,428	151
Ewa Beach	12	1,929	610	33
Halawa	21	21,811	10,342	414
Honolulu	825	1,395,068	730,409	28,356
Kailua	36	22,428	11,421	471
Kaneohe	24	10,967	4,971	164
Kaneohe Station	2	(D)	(D)	(2/)
Maili	2	(D)	(D)	(2/)
Makaha	5	3,378	1,107	59
Makakilo City	12	11,957	4,504	102
Mililani Town	22	7,564	2,279	98
Nanakuli	4	(D)	(D)	(3/)
Pearl City	19	27,837	12,594	498
Schofield Barracks	5	1,612	638	18
Village Park	6	1,595	834	37
Wahiawa	18	18,676	7,456	250
Waianae	5	(D)	(D)	(2/)
Waimalu	25	27,085	11,828	426
Waipahu	29	24,103	8,960	346
Waipio	7	1,636	871	26
Waipio Acres	5	2,375	794	49
Balance of Honolulu County 4/	127	(D)	(D)	(5/)

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Table 23.21-- ADMINISTRATIVE AND SUPPORT AND WASTE MANAGEMENT AND REMEDIATION SERVICES ESTABLISHMENTS (NAICS 56), BY COUNTY AND SELECTED URBAN PLACE: 2007 -- Con.

Geographic area	Establishments (number)	Receipts ($1,000)	Annual payroll ($1,000)	Paid employees, pay period including March 12
Kauai County	129	151,166	62,026	2,277
Kapaa	8	1,464	342	14
Lihue	23	28,617	9,479	434
Balance of Kauai County 6/	98	121,085	52,205	1,829
Maui County	296	379,480	181,676	5,922
Haiku-Pauwela	16	9,871	3,019	112
Island of Lana'i	8	1,899	584	26
Island of Moloka'i	5	1,817	283	10
Kahului	51	124,994	85,135	2,619
Kihei	50	30,758	7,763	177
Lahaina	25	60,022	26,060	779
Makawao	12	6,714	4,229	273
Napili-Honokowai	9	2,088	485	24
Pukalani	13	34,936	25,117	745
Waihee-Waiehu	4	293	79	7
Wailea-Makena	14	3,257	1,295	62
Wailuku	46	74,655	20,597	807
Balance of Maui County 7/	43	28,176	7,030	281

D Withheld to avoid disclosing data for individual companies.
1/ Includes Captain Cook, Hawaiian Beaches, Mountain View and Waikoloa Village CDPs.
2/ 0 to 19 employees.
3/ 20 to 99 employees.
4/ Includes Ewa Gentry, Ewa Villages, Hauula, Heeia, Kahaluu, Laie, Maunawili, Pupukea, Waialua,
5/ 1,000 to 2,499 employees.
6/ Includes Hanamaulu, Kalaheo, Kekaha, and Wailua Homesteads CDPs.
7/ Includes Kaunakakai CDP.

Source: U.S. Census Bureau, 2007 Economic Census, Sector 56: EC0756A1: Administrative and Support and Waste Management and Remediation Services: Geographic Area Series, Summary Statistics for the United States, States, Metro Areas, Counties, and Places: 2007 <http://factfinder.census.gov/servlet/EconSectorServlet?caller=dataset&sv_name=*&_SectorId=56&ds_name=EC0700A1&_lang=en&_ts=289752471522> accessed April 15, 2010.

Table 23.22-- EDUCATIONAL SERVICES ESTABLISHMENTS (NAICS 61), BY COUNTY AND SELECTED URBAN PLACE: 2007

[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	376	165,901	49,185	2,646
Hawaii County	37	20,410	5,353	263
Hilo	8	(D)	(D)	(1/)
Holualoa	3	(D)	(D)	(2/)
Kailua	6	6,778	1,956	94
Kalaoa	2	(D)	(D)	(2/)
Waimea	2	(D)	(D)	(2/)
Balance of Hawaii County 3/	16	(D)	(D)	(4/)
Honolulu County	258	120,977	36,438	1,983
Ahuimanu	2	(D)	(D)	(2/)
Aiea	5	1,593	553	38
Halawa	1	(D)	(D)	(2/)
Honolulu	178	85,831	29,001	1,482
Kailua	8	(D)	(D)	(1/)
Kaneohe	7	(D)	(D)	(1/)
Makakilo City	1	(D)	(D)	(2/)
Mililani Town	4	374	109	24
Nanakuli	2	(D)	(D)	(2/)
Pearl City	3	(D)	(D)	(1/)
Village Park	1	(D)	(D)	(2/)
Wahiawa	3	(D)	(D)	(2/)
Waimalu	14	2,753	732	68
Waipahu	3	(D)	(D)	(1/)
Waipio	4	1,060	251	42
Balance of Honolulu County 5/	21	(D)	(D)	(4/)

Continued on next page.

Table 23.22-- EDUCATIONAL SERVICES ESTABLISHMENTS (NAICS 61), BY COUNTY AND SELECTED URBAN PLACE: 2007 -- Con.

Geographic area	Number of establishments	Sales ($1,000)	Annual payroll ($1000)	Paid employees, pay period including March 12 (number)
Kauai County	22	(D)	(D)	(1/)
Kapaa	3	(D)	(D)	(2/)
Lihue	7	(D)	(D)	(2/)
Balance of Kauai County 6/	12	(D)	(D)	(1/)
Maui County	59	(D)	(D)	(7/)
Haiku-Pauwela	5	2,548	464	18
Island of Lana'i	1	(D)	(D)	(2/)
Island of Moloka'i	1	(D)	(D)	(2/)
Kahului	9	2,092	541	34
Kihei	11	4,136	1,380	65
Lahaina	7	4,479	1,448	47
Makawao	3	(D)	(D)	(1/)
Napili-Honokowai	2	(D)	(D)	(2/)
Pukalani	1	(D)	(D)	(2/)
Waihee-Waiehu	2	(D)	(D)	(2/)
Wailea-Makena	3	(D)	(D)	(2/)
Wailuku	5	(D)	(D)	(1/)
Balance of Maui County 8/	9	(D)	(D)	(1/)

D Withheld to avoid disclosing data for individual companies.
1/ 20 to 99 employees.
2/ 0 to 19 employees.
3/ Includes Captain Cook, Hawaiian Beaches, Mountain View and Waikoloa Village CDPs.
4/ 100 to 249 employees.
5/ Includes Ewa Gentry, Ewa Villages, Hauula, Heeia, Kahaluu, Laie, Maunawili, Pupukea, Waialua, Waimanalo, Waimanalo Beach, Wheeler AFB, and Whitmore Village CDPs.
6/ Includes Hanamaulu, Kalaheo, Kekaha, and Wailua Homesteads CDPs.
7/ 250 to 499 employees.
8/ Includes Kaunakakai CDP.
Source: U.S. Census Bureau, 2007 Economic Census, Sector 61: EC0761A1: Educational Services: Geographic Area Series: Summary Statistics: 2007 <http://factfinder.census.gov/servlet/EconSectorServlet?caller=dataset&sv_name=*&_SectorId=61&ds_name=EC0700A1&_lang=en&_ts=290619621502> accessed April 29, 2010.

Table 23.23-- ARTS, ENTERTAINMENT, AND RECREATION ESTABLISHMENTS (NAICS 71) BY COUNTY AND SELECTED URBAN PLACE: 2007

[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	502	823,631	245,657	11,988
Hawaii County	80	104,337	36,105	1,453
Hilo	11	9,977	2,950	189
Holualoa	2	(D)	(D)	(1/)
Kailua	16	26,359	8,464	452
Kalaoa	5	2,069	350	8
Waimea	6	1,420	485	45
Balance of Hawaii County 2/	40	(D)	(D)	(3/)
Honolulu County	273	523,822	147,699	7,869
Ahuimanu	1	(D)	(D)	(1/)
Aiea	5	(D)	(D)	(4/)
Ewa Beach	2	(D)	(D)	(5/)
Halawa	5	(D)	(D)	(5/)
Honolulu	160	270,622	75,856	3,599
Kailua	14	14,435	4,785	207
Kaneohe	15	11,547	3,008	188
Maili	1	(D)	(D)	(1/)
Makaha	1	(D)	(D)	(4/)
Makakilo City	1	(D)	(D)	(5/)
Mililani Town	4	7,933	1,979	118
Nanakuli	1	(D)	(D)	(1/)
Pearl City	1	(D)	(D)	(4/)
Village Park	2	(D)	(D)	(1/)
Wahiawa	3	(D)	(D)	(4/)
Waimalu	10	(D)	(D)	(6/)
Waipahu	2	(D)	(D)	(4/)
Waipio	2	(D)	(D)	(4/)
Balance of Honolulu County 7/	43	(D)	(D)	(8/)

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Table 23.23-- ARTS, ENTERTAINMENT, AND RECREATION ESTABLISHMENTS (NAICS 71) BY COUNTY AND SELECTED URBAN PLACE: 2007 -- Con.

Geographic area	Establishments (number)	Receipts/ revenue ($1,000)	Annual payroll ($1,000)	Paid employees, pay period including March 12 (number)
Kauai County	41	45,946	14,558	717
Kapaa	4	581	135	13
Lihue	9	7,214	2,914	157
Balance of Kauai County 9/	28	38,151	11,509	547
Maui County	108	149,526	47,295	1,949
Haiku-Pauwela	9	(D)	(D)	(4/)
Island of Moloka'i	4	3,026	805	34
Kahului	13	17,438	5,823	376
Kihei	10	11,283	3,513	177
Lahaina	13	37,112	15,639	558
Makawao	4	1,307	421	13
Napili-Honokowai	2	(D)	(D)	(1/)
Pukalani	5	(D)	(D)	(4/)
Wailea-Makena	11	23,488	6,247	205
Wailuku	7	2,293	668	53
Balance of Maui County 10/	30	(D)	(D)	(6/)

D Withheld to avoid disclosing data for individual companies.
1/ 0 to 19 employees.
2/ Includes Captain Cook, Hawaiian Beaches, Mountain View and Waikoloa Village CDPs.
3/ 500 to 999 employees.
4/ 20 to 99 employees.
5/ 100 to 249 employees.
6/ 250 to 499 employees.
7/ Includes Ewa Gentry, Ewa Villages, Hauula, Heeia, Kahaluu, Laie, Maunawili, Pupukea, Waialua, Waimanalo, Waimanalo Beach, Wheeler AFB, and Whitmore Village CDPs.
8/ 2,500 to 4,999 employees.
9/ Includes Hanamaulu, Kalaheo, Kekaha, and Wailua Homesteads CDPs.
10/ Includes Kaunakakai CDP.
Source: U.S. Census Bureau, 2007 Economic Census, Sector 54: EC0754A1: Professional, Scientific, and Technical Services: Geographic Area Series: United States, States, Metro Areas, Counties, and Places: 2007 <http://factfinder.census.gov/servlet/EconSectorServlet?caller=dataset&sv_name=*&_SectorId=71&ds_name=EC0700A1&_lang=en&_ts=289773702689> accessed April 15, 2010.

Table 23.24-- OTHER SERVICES (EXCEPT PUBLIC ADMINISTRATION) ESTABLISHMENTS (NAICS 81), BY COUNTY AND SELECTED URBAN PLACE: 2007

[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	2,916	1,917,819	512,551	20,119
Hawaii County	310	162,465	42,562	1,673
Hilo	105	62,283	13,564	665
Holualoa	17	(D)	(D)	(1/)
Kailua	60	39,053	11,287	429
Kalaoa	16	12,516	3,391	83
Waimea	17	6,709	1,866	64
Balance of Hawaii County 2/	95	(D)	(D)	(3/)
Honolulu County	2,083	1,462,680	388,732	15,228
Ahuimanu	6	2,027	398	19
Aiea	33	12,948	3,676	180
Ewa Beach	18	11,901	3,303	119
Halawa	23	11,814	3,593	96
Honolulu	1,451	1,114,297	287,159	10,744
Kailua	60	41,382	7,680	314
Kaneohe	71	32,862	10,284	452
Maili	3	(D)	(D)	(4/)
Makaha	7	(D)	(D)	(1/)
Makakilo City	12	(D)	(D)	(1/)
Mililani Town	28	17,087	5,933	417
Nanakuli	5	(D)	(D)	(1/)
Pearl City	41	20,310	6,220	236
Schofield Barracks	2	(D)	(D)	(1/)
Village Park	7	1,492	583	36
Wahiawa	29	13,057	2,969	139
Waianae	11	10,924	3,829	122
Waimalu	62	41,778	12,263	581
Waipahu	68	29,921	9,328	443
Waipio	18	10,559	2,987	78
Waipio Acres	6	(D)	(D)	(1/)
Balance of Honolulu County 5/	122	(D)	(D)	(6/)

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Table 23.24-- OTHER SERVICES (EXCEPT PUBLIC ADMINISTRATION) ESTABLISHMENTS (NAICS 81), BY COUNTY AND SELECTED URBAN PLACE: 2007 -- Con.

Geographic area	Establishments (number)	Receipts ($1,000)	Annual payroll ($1,000)	Paid employees, pay period including March 12 (number)
Kauai County	134	65,587	20,642	866
Kapaa	14	8,084	2,669	118
Lihue	41	22,810	6,345	258
Balance of Kauai County 7/	79	34,693	11,628	490
Maui County	389	227,087	60,615	2,352
Haiku-Pauwela	6	1,596	490	20
Island of Lanai	2	(D)	(D)	(4/)
Island of Molokai	11	(D)	(D)	(1/)
Kahului	66	51,335	15,279	627
Kihei	73	24,255	6,518	270
Lahaina	54	32,940	7,793	332
Makawao	3	(D)	(D)	(4/)
Napili-Honokowai	14	(D)	(D)	(1/)
Pukalani	3	(D)	(D)	(4/)
Waihee-Waiehu	2	(D)	(D)	(1/)
Wailea-Makena	29	26,858	7,053	292
Wailuku	68	36,580	9,245	304
Balance of Maui County 8/	58	(D)	(D)	(3/)

D Withheld to avoid disclosing data for individual companies.
1/ 20 to 99 employees
2/ Includes Captain Cook, Hawaiian Beaches, Mountain View and Waikoloa Village CDPs.
3/ 250 to 499 employees
4/ 0 to 19 employees
5/ Includes Ewa Gentry, Ewa Villages, Hauula, Heeia, Kahaluu, Laie, Maunawili, Pupukea, Waialua, Waimanalo, Waimanalo Beach, Wheeler AFB, and Whitmore Village CDPs.
6/ 1,000 to 2,499 employees
7/ Includes Hanamaulu, Kalaheo, Kekaha, and Wailua Homesteads CDPs.
8/ Includes Kaunakakai CDP.
Source: U.S. Census Bureau, 2007 Economic Census, Sector 81: EC0781A1: Other Services (Except Public Administration): Geographic Area Series: United States, States, Metro Areas, Counties, and Places: 2007 <http://factfinder.census.gov/servlet/EconSectorServlet?caller=dataset&sv_name=*&_SectorId=81&ds_name=EC0700A1&_lang=en&_ts=289841434131> accessed April 15, 2010.

Table 23.25-- PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES ESTABLISHMENTS (NAICS 54), BY TYPE OF OPERATION OR KIND OF BUSINESS: 2007

[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	Establish-ments (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	3,254	3,068,316	1,193,497	21,772
541	Professional, scientific, and technical services	3,254	3,068,316	1,193,497	21,772
5411	Legal services	748	(D)	(D)	(1/)
5412	Accounting, tax preparation, bookkeeping, and payroll services	588	302,499	126,502	3,424
5413	Architectural, engineering, and related services	634	1,027,439	380,246	5,908
5414	Specialized design services	112	(D)	(D)	(2/)
5415	Computer systems design and related services	351	404,859	167,013	2,452
5416	Management, scientific, and technical consulting services	343	189,514	72,931	1,275
5417	Scientific research and development services	82	(D)	(D)	(3/)
5418	Advertising, public relations, and related services	138	90,327	38,592	1,051
5419	Other professional, scientific, and technical services	258	(D)	(D)	(3/)
	Exempt from Federal Income Tax				
54	Professional, scientific, and technical services	37	103,481	35,984	688
541	Professional, scientific, and technical services	37	103,481	35,984	688
5411	Legal services	18	(D)	(D)	(4/)
5417	Scientific research and development services	19	(D)	(D)	(5/)

Continued on next page.

Table 23.25-- PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES ESTABLISHMENTS (NAICS 54), BY TYPE OF OPERATION OR KIND OF BUSINESS: 2007 -- Con.

D Withheld to avoid disclosing data for individual companies; data are included in higher level totals.
1/ 2,500 to 4,999 employees.
2/ 250 to 499 employees.
3/ 1,000 to 2,499 employees.
4/ 100 to 249 employees.
5/ 500 to 999 employees.

Source: U.S. Census Bureau, 2007 Economic Census, Sector 54: EC0754A1: Professional, Scientific, and Technical Services: Geographic Area Series, Summary Statistics for the United States, States, Metro Areas, Counties, and Places: 2007 <http://factfinder.census.gov/servlet/IBQTable?_bm=y&-fds_name=EC0700A1&-geo_id=04000US15&-_skip=0&-ds_name=EC0744A1&-_lang=en> accessed April 8, 2010.

Table 23.26-- ADMINISTRATIVE AND SUPPORT AND WASTE MANAGEMENT AND REMEDIATION SERVICES ESTABLISHMENTS (NAICS 56), BY TYPE OF OPERATION OR KIND OF BUSINESS: 2007

[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	Establish-ments (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	1,895	2,557,815	1,251,189	46,823
561	Administrative and support services	1,768	2,222,061	1,169,363	44,860
5611	Office administrative services	81	69,771	30,383	681
5612	Facilities support services	34	97,273	40,369	917
5613	Employment services	119	676,631	522,198	18,376
5614	Business support services	136	86,321	25,574	1,148
5615	Travel arrangement and reservation services	452	398,090	138,221	4,764
5616	Investigation and security services	158	277,284	168,787	8,202
5617	Services to buildings and dwellings	701	541,156	222,235	9,895
5619	Other support services	87	75,535	21,596	877
562	Waste management and remediation services	127	335,754	81,826	1,963
5621	Waste collection	39	145,119	33,361	905
5622	Waste treatment and disposal	15	81,292	16,161	307
5629	Remediation and other waste management services	73	109,343	32,304	751

Source: U.S. Census Bureau, 2007 Economic Census, Sector 56: EC0756A1: Administrative and Support and Waste Management and Remediation Services: Geographic Area Series, Summary Statistics for the United States, States, Metro Areas, Counties, and Places: 2007 <http://factfinder.census.gov/servlet/IBQTable?_bm=y&-geo_id=04000US15&-fds_name=EC0700A1&-_skip=100&-ds_name=EC0742A1&-_lang=en> accessed April 14, 2010.

Table 23.27-- EDUCATIONAL SERVICES ESTABLISHMENTS (NAICS 61), BY TYPE OF OPERATION OR KIND OF BUSINESS: 2007

[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				
61	Educational services	297	108,502	32,009	1,808
611	Educational services	297	108,502	32,009	1,808
6114	Business schools and computer and management training	26	(D)	(D)	(1/)
6115	Technical and trade schools	40	(D)	(D)	(1/)
6116	Other schools and instruction	208	67,170	21,050	1,333
6117	Educational support services	23	13,921	2,331	107
	Exempt from Federal Income Tax				
61	Educational services	79	57,399	17,176	838
611	Educational services	79	57,399	17,176	838
6114	Business schools and computer and management training	4	(D)	(D)	(2/)
6115	Technical and trade schools	14	(D)	(D)	(3/)
6116	Other schools and instruction	49	22,581	7,681	484
6117	Educational support services	12	18,861	5,914	247

D Withheld to avoid disclosing data of individual companies.
1/ 100 to 249 employees.
2/ 0 to 19 employees.
3/ 20 to 99 employees.

Source: U.S. Census Bureau, 2007 Economic Census, Sector 61: EC0761A1: Educational Services: Geographic Area Series: Summary Statistics: 2007 <http://factfinder.census.gov/servlet/IBQTable?_bm=y&-geo_id=04000US15&-fds_name=EC0700A1&-ds_name=EC0761A1&-_lang=en_id=04000US15&-_skip=0&-ds_name=EC0744A1&-_lang=en> accessed April 29, 2010.

Table 23.28-- ARTS, ENTERTAINMENT, AND RECREATION ESTABLISHMENTS (NAICS 71), BY TYPE OF OPERATION OR KIND OF BUSINESS: 2007

[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	Establish-ments (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	397	563,730	163,067	7,676
711	Performing arts, spectator sports, and related industries	138	144,861	39,416	1,740
7111	Performing arts companies	35	96,906	28,603	1,350
7112	Spectator sports	9	6,427	1,445	20
7113	Promoters of performing arts, sports, and similar events	18	16,020	1,422	61
7114	Agents and managers for public figures	6	5,741	816	50
7115	Independent artists, writers, and performers	70	19,767	7,130	259
712	Museums, historical sites, and similar institutions	10	31,186	7,089	349
7121	Museums, historical sites, and similar institutions	10	31,186	7,089	349
713	Amusement, gambling, and recreation industries	249	387,683	116,562	5,587
7131	Amusement parks and arcades	23	60,760	12,943	664
7139	Other amusement and recreation services	226	326,923	103,619	4,923
	Exempt from Federal Income Tax				
71	Arts, entertainment, and recreation	105	259,901	82,590	4,312
711	Performing arts, spectator sports, and related industries	24	39,858	11,665	597
7111	Performing arts companies	17	24,078	8,110	404
7113	Promoters of performing arts, sports, and similar events	7	15,780	3,555	193

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Table 23.28-- ARTS, ENTERTAINMENT, AND RECREATION ESTABLISHMENTS (NAICS 71), BY TYPE OF OPERATION OR KIND OF BUSINESS: 2007 -- Con.

NAICS code	Type of operation or kind of business	Establish-ments (number)	Receipts/ revenues ($1,000)	Annual payroll ($1,000)	Paid employees, pay period including March 12 (number)
712	Museums, historical sites, and similar institutions	46	147,963	45,921	2,505
7121	Museums, historical sites, and similar institutions	46	147,963	45,921	2,505
713	Amusement, gambling, and recreation industries	35	72,080	25,004	1,210
7139	Other amusement and recreation services	35	72,080	25,004	1,210

Source: U.S. Census Bureau, 2007 Economic Census, Sector 71: EC0771A1: Arts, Entertainment, and Recreation: Geographic Area Series: Summary Statistics: 2007 <http://factfinder.census.gov/servlet/IBQTable?_bm=y&-geo_id=04000US15&-fds_name=EC0700A1&-ds_name=EC0771A1&-_lang=en> accessed March 22, 2010.

Table 23.29-- OTHER SERVICES (EXCEPT PUBLIC ADMINISTRATION) ESTABLISHMENTS (NAICS 81), BY TYPE OF OPERATION OR KIND OF BUSINESS: 2007

[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	Establish-ments (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.)	1,615	908,634	279,369	11,669
811	Repair and maintenance	754	439,373	125,133	3,805
8111	Automotive repair and maintenance	535	331,492	93,921	2,910
8112	Electronic and precision equipment repair and maintenance	47	24,419	8,864	242
8113	Commercial machinery repair and maintenance	76	51,157	13,006	317
8114	Personal and household goods repair and maintenance	96	32,305	9,342	336
812	Personal and laundry services	861	469,261	154,236	7,864
8121	Personal care services	441	148,099	55,789	2,936
8122	Death care services	36	52,958	19,591	778
8123	Drycleaning and laundry services	87	120,477	46,135	2,124
8129	Other personal services	297	147,727	32,721	2,026
	Firms Exempt from Federal Income Tax				
81	Other services (except public admin.)	1,301	1,009,185	233,182	8,450
813	Religious/grantmaking/civic/professional and similar organization	1,301	1,009,185	233,182	8,450
8132	Grantmaking and giving services	80	236,838	25,975	730
8133	Social advocacy organizations	91	118,430	36,565	877
8134	Civic and social organizations	105	85,471	31,215	1,731
8139	Professional and similar organizations	1,025	568,446	139,427	5,112

Source: Sector 81: EC0781A1: Other Services (Except Public Administration): Geographic Area Series: Summary Statistics for the US, States, Metropolitan and Micropolitan Statistical Areas, Metropolitan Divisions, Consolidated Cities, Counties, and Economic Places: 2007 <http://factfinder.census.gov/servlet/IBQTable?_bm=y&-geo_id=04000US15&-geo_id=NBSP&-fds_name=EC0700A1&-_skip=100&-ds_name=EC0781A1&-_lang=en> accessed March 22, 2010.

Table 23.30-- TRAVEL ARRANGEMENT AND RESERVATION SERVICES (NAICS 5615), BY TYPE OF OPERATION OR KIND OF BUSINESS: 2007

[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)	Revenue ($1,000)	Annual payroll ($1,000)	Paid employees, pay period including March 12 (number)
5615	All establishments	452	398,090	138,221	4,764
56151	Travel agencies	227	133,601	47,804	1,808
56152	Tour operators	172	146,235	50,416	1,867
56159	Other travel arrangement & reservation services 1/	53	118,254	40,001	1,089

1/ Includes convention & visitors bureaus (NAICS 561591; 17 establishments). Excludes convention and trade show organizers (NAICS 56192; 22 establishments).

Source: U.S. Census Bureau, 2007 Economic Census, Sector 56: EC0756A1: Administrative and Support and Waste Management and Remediation Services: Geographic Area Series: Summary Statistics for the United States, States, Metro and Micro Areas, Metro Divisions, Consolidated Cities, Counties, and Places: 2007 <http://factfinder.census.gov/servlet/IBQTable?_bm=y&-geo_id=04000US15&-fds_name=EC0700A1&-ds_name=EC0756A1&-_lang=en> accessed March 22, 2010.

Table 23.31-- ACCOMMODATION AND FOOD SERVICES (NAICS 72), BY COUNTY AND SELECTED URBAN PLACE: 2007

[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, pay period including March 12 (number)
State total	3,528	8,042,210	2,209,803	98,353
Hawaii County	421	874,735	284,451	12,280
Hilo	149	132,024	36,289	2,616
Holualoa	11	10,339	2,533	100
Kailua	101	172,518	58,183	2,795
Kalaoa	3	(D)	(D)	(1/)
Waimea	28	22,656	6,303	476
Honolulu County	2,347	4,123,825	1,126,501	57,064
Ahuimanu	7	5,295	1,130	97
Aiea	32	22,399	6,905	453
Ewa Beach	12	14,797	3,380	274
Halawa	16	15,439	3,581	222
Honolulu	1,554	3,140,171	871,264	40,478
Kailua	95	69,940	19,255	1,510
Kaneohe	78	59,454	14,535	1,135
Kaneohe Station	2	(D)	(D)	(2/)
Maili	1	(D)	(D)	(3/)
Makaha	4	(D)	(D)	(2/)
Makakilo City	2	(D)	(D)	(3/)
Mililani Town	39	47,214	12,190	1,055
Nanakuli	5	5,493	1,238	110
Pearl City	43	36,799	9,740	716
Schofield Barracks	1	(D)	(D)	(1/)
Village Park	19	10,777	2,965	307
Wahiawa	42	41,827	11,830	876
Waianae	24	18,369	4,370	367
Waimalu	110	111,625	29,381	2,239
Waipahu	69	56,356	14,545	1,033
Waipio	14	27,151	6,808	517
Waipio Acres	1	(D)	(D)	(3/)

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Table 23.31-- ACCOMMODATION AND FOOD SERVICES (NAICS 72), BY COUNTY AND SELECTED URBAN PLACE: 2007 -- Con.

Geographic area	Number of establishments	Sales ($1,000)	Annual payroll ($1000)	Paid employees, pay period including March 12 (number)
Kauai County	234	591,483	168,764	7,082
Kapaa	45	37,306	11,154	832
Lihue	40	107,683	28,851	1,189
Maui County	526	2,452,167	630,087	21,927
Haiku-Pauwela	7	3,612	915	62
Kahului	94	(D)	(D)	(4/)
Kihei	94	109,684	28,825	1,578
Lahaina	97	205,778	55,548	2,798
Makawao	11	13,256	4,442	262
Napili-Honokowai	16	30,672	7,772	409
Pukalani	8	6,234	1,389	122
Waihee-Waiehu	2	(D)	(D)	(3/)
Wailea-Makena	33	716,329	208,360	6,171
Wailuku	57	25,466	6,828	418
Lana'i	13	(D)	(D)	(4/)
Moloka'i	14	7,979	2,194	194

D Withheld to avoid disclosing data for individual companies; data are included in higher level totals.
1/ 20 to 99 employees.
2/ 100 to 249 employees.
3/ 0 to 19 employees.
4/ 1,000 to 2,499 employees.

Source: U.S. Census Bureau, 2007 Economic Census, Sector 72: EC0772A1: Accommodation and Food Services, Geographic Area Series, Summary Statistics for the United States, States, Metro Areas, Counties, and Places: 2007 <http://factfinder.census.gov/servlet/DatasetMainPageServlet?_program=ECN&_submenuId=&_lang=en&_ts=> accessed February 24, 2010.

Table 23.32-- ACCOMMODATION AND FOOD SERVICES (NAICS 72): 2007

[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 establish-ments	Receipts ($1,000)	Annual payroll ($1,000)	Paid employees, pay period including March 12
72	Accommodation and food services	3,528	8,042,210	2,209,803	98,353
721	Accommodation	303	4,784,807	1,290,677	38,049
7211	Traveler accommodation	296	4,782,946	1,290,268	38,031
72111	Hotels (except casino hotels) and motels	253	4,769,497	1,287,040	37,834
72119	Other traveler accommodation	43	13,449	3,228	197
721191	Bed-and-breakfast inns	23	5,648	1,400	98
721199	All other traveler accommodation	20	7,801	1,828	99
7212	RV (recreational vehicle) parks and recreational camps	3	(D)	(D)	(1/)
7213	Rooming and boarding houses	4	(D)	(D)	(1/)
722	Food services and drinking places	3,225	3,257,403	919,126	60,304
7221	Full-service restaurants	1,156	1,623,477	533,212	32,241
7222	Limited-service eating places	1,675	1,255,734	291,913	22,668
7223	Special food services	130	257,264	66,446	3,289
72231	Food service contractors	73	213,872	53,886	2,563
72232	Caterers	45	40,497	11,890	678
72233	Mobile food services	12	2,895	670	48
7224	Drinking places (alcoholic beverages)	264	120,928	27,555	2,106

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

1/ 0 to 19 employees.

Source: U.S. Census Bureau, 2007 Economic Census, Sector 72: EC0772A1: Accommodation and Food Services, Geographic Area Series, Summary Statistics for the United States, States, Metro Areas, Counties, and Places: 2007 <http://factfinder.census.gov/servlet/IBQTable?_bm=y&-geo_id=04000US15&-fds_name=EC0700A1&-ds_name=EC0772A1&-_lang=en> accessed February 22, 2010.

Table 23.33-- PRODUCT LINE SALES FOR ACCOMMODATION AND FOOD SERVICES (NAICS 72): 2007

Products and services code	Meaning of products and services code	Number of establish-ments	Sales ($1,000)	Line sales as % of sales of establish-ments with line	Line sales as % of total sales of NAICS
20000	Industry total	3,528	8,042,210	(X)	100.0
20030	Telephone services	70	10,111	0.4	0.1
20060	Membership dues & fees	7	3,584	0.9	(1/)
20070	Room or unit accommodation for travelers and others	317	3,544,173	73.5	44.1
20090	Rental of residential space for principal residence	13	2,773	13.3	(1/)
20100	Groceries & other foods for human consumption off the premises	141	6,873	1.3	0.1
20130	Alcoholic beverages served for immediate consumption	1,238	511,655	11.8	6.4
20140	Packaged liquor, wine, & beer	21	2,252	0.6	(1/)
20150	Cigars, etc & smokers' accessories, excl sales from vending machines operated by others	26	2,431	2.3	(1/)
20850	All other merchandise	280	28,254	2.7	0.4
21100	Meals, snacks & nonalcoholic bvgs prepared for immediate consumption	3,057	3,057,036	49.2	38.0
21210	Meals, snacks & nonalcoholic bvgs prepared under long-term contract	75	184,615	85.3	2.3
21220	Meals, snacks & nonalcoholic bvgs prepared for catered event	400	241,827	9.0	3.0
29600	Other services	325	399,139	10.6	5.0
29810	All other merchandise	153	46,968	4.0	0.6

X Not applicable.

1/ Less than half the unit shown.

Source: U.S. Census Bureau, 2007 Economic Census, Sector 72: EC0772SLLS1: Accommodation and Food Services: Subject Series - Product Lines: Product Lines Statistics by Kind of Business for the United States and States: 2007 <http://factfinder.census.gov/servlet/IBQTable?_bm=y&-ds_name=EC0772SLLS1&-geo_id=04000US15&-search_results=01000US&-_lang=en&-fds_name=EC0700A1> accessed November 3, 2010.

Table 23.34-- VISITOR ACCOMMODATIONS, BY COUNTY: 1975 TO 2012

[Number of units]

Year	State total	City & County of Honolulu	Hawaii County	Kauai County	Maui County
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	70,579	35,541	9,478	7,257	18,303
2004	72,176	35,769	9,857	8,105	18,445
2005	72,307	33,926	10,940	8,221	19,220
2006	72,274	33,606	10,831	8,266	19,571
2007	73,220	33,588	11,061	8,692	19,879
2008	74,177	34,081	11,240	9,203	19,653
2009	75,188	34,027	11,541	9,469	20,151
2010	74,988	33,782	11,479	9,344	20,383
2011	77,731	35,001	11,113	9,872	21,745
2012	74,650	35,126	10,794	8,289	20,441

NA Not available.

Source: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *Visitor Plant Inventory* (annual) <http://hawaii.gov/dbedt/info/visitor-stats/visitor-plant/>; Hawaii Tourism Authority, *Visitor Plant Inventory* (annual) <http://www.hawaiitourismauthority.org/research/reports/visitor-plant-inventory/>.

Table 23.35-- VISITOR ACCOMMODATIONS, BY TYPE: 1986 TO 2012

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	1,281	1,046	235	72,274	54,800	17,474
2007	1,777	1,605	172	73,220	58,334	14,886
2008	1,697	1,481	216	74,177	57,777	16,400
2009	1,615	1,434	181	75,188	60,757	14,431
2010	1,805	1,632	173	74,988	60,462	14,526
2011	4/ 1,974	4/ 1,853	121	77,731	65,211	12,520
2012	1,792	1,658	134	74,650	62,462	12,188

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;* Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *Visitor Plant Inventory* (annual) <http://hawaii.gov/dbedt/info/visitor-stats/visitor-plant/>; Hawaii Tourism Authority, *Visitor Plant Inventory* (annual) <http://www.hawaiitourismauthority.org/research/reports/visitor-plant-inventory/>.

Table 23.36-- VISITOR ACCOMMODATIONS, BY TYPE AND BY ISLAND: 2012

[Figures may not add up to totals due to rounding]

Island	Properties			Units		
	Total	Hotels 1/	Condo-miniums 2/	Total	Hotels 1/	Condo-miniums 2/
State total	1,792	1,658	134	74,650	62,462	12,188
Oahu	366	333	33	35,126	30,239	4,887
Waikiki/Honolulu	171	152	19	27,981	24,841	3,140
Rest of Oahu	195	181	14	7,145	5,398	1,747
Other islands	1,426	1,325	101	39,524	32,223	7,301
Hawaii	488	461	27	10,794	10,105	689
Maui	336	285	51	19,659	14,684	4,975
Lanai	5	5	-	353	353	-
Molokai	38	36	2	429	355	74
Kauai	559	538	21	8,289	6,726	1,563

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 Tourism Authority, *2011 Visitor Plant Inventory*, <http://www.hawaiitourismauthority.org/default/assets/File/reports/accommodations/2012%20VISITOR%20PLANT%20INVENTORY%20REPORT%20FINAL.pdf> accessed June 5, 2013, and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 23.37-- VISITOR ACCOMMODATIONS, BY TYPE AND GEOGRAPHIC AREA: 2012

[Figures may not add up to totals due to rounding]

Type of accommodation	Properties			Units		
	State total	Oahu	Other islands	State total	Oahu	Other islands
All types	1,792	366	1,426	74,650	35,126	39,524
Apartment-hotel	25	17	8	293	169	124
Bed and breakfast	192	31	161	685	57	628
Condominium hotel	134	33	101	12,188	4,887	7,301
Hostels	10	6	4	260	217	43
Hotel	144	68	76	43,151	26,186	16,965
Individual vacation units	1,205	195	1,010	7,567	1,051	6,516
Timeshare	65	14	51	10,049	2,529	7,520
Other	17	2	15	457	30	427

Source: Hawaii Tourism Authority, *2011 Visitor Plant Inventory*, <http://www.hawaiitourismauthority.org/default/assets/File/reports/accommodations/2012%20VISITOR%20PLANT%20INVENTORY%20REPORT%20FINAL.pdf> accessed June 5, 2013, and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 23.38-- HOTELS AND OTHER LODGING PLACES (NAICS 721), BY COUNTY: 2004 TO 2010

[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	2004	2005	2006	2007	2008	2009	2010
State total	313	326	334	314	312	304	294
Hawaii	59	59	64	65	63	62	61
Honolulu	125	134	129	117	113	112	98
Kauai	46	50	55	46	47	41	43
Maui	83	83	86	86	89	89	92

Source: U.S. Census Bureau, *County Business Patterns, Hawaii* (annual). See also <http://factfinder.census.gov/> accessed February 11, 2013.

Table 23.39-- VISITOR ACCOMMODATIONS, BY NIGHTLY PRICE: 2011

Island and type of accommodation	Total	$100 or less	$101 to $250	$251 to $500	Over $500
Available Units	77,731	5,375	24,299	29,158	18,900
Island					
Oahu	38,436	2,855	13,288	15,362	6,932
Hawaii	11,956	1,223	3,861	4,917	1,956
Kauai	8,482	695	2,363	3,661	1,763
Maui	18,210	533	4,621	5,026	8,029
Molokai	235	66	153	13	4
Lanai	412	4	13	179	216
Type of unit					
Apartment/Hotel	123	92	29	1	-
Bed and breakfast	834	227	559	47	1
Condominium hotel	13,149	1,083	6,664	4,193	1,209
Hostel	345	345	-	-	-
Hotel	49,518	2,419	12,314	20,553	14,231
Individual vacation unit	4,638	496	2,550	1,249	342
Timeshare	8,775	404	2,141	3,113	3,118
Other	350	308	41	1	-

Source: Hawaii Tourism Authority, *Visitor Plant Inventory* and records, calculations made by Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division.

Table 23.40-- HOTEL ROOMS, OCCUPANCY RATES, AND DAILY ROOM AND GUEST RATES: 1989 TO 2012

[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	70,579	35,541	35,038	72.7	144.16	2.09
2004	72,176	35,769	36,407	77.7	152.17	2.13
2005	72,307	33,926	38,381	81.1	166.16	2.15
2006	72,274	33,606	38,668	79.5	187.19	(NA)
2007	73,220	33,588	39,632	75.0	199.96	(NA)
2008	74,177	34,081	40,096	70.5	201.85	(NA)
2009	75,188	34,027	41,161	64.8	177.10	(NA)
2010	74,988	33,782	41,206	70.7	174.84	(NA)
2011 4/	77,731	35,001	42,730	73.2	189.83	(NA)
2012	74,650	35,126	39,524	76.9	204.15	(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 and thereafter.

3/ Annual averages for hotels in PKF sample.

4/ Revised from previous *Data Book.*

Source: Hawaii State Department of Business, Economic Development, and Tourism, *Visitor Plant Inventory,* (annual); Hawaii Tourism Authority, *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: 2012

Geographic area	Percent occupied	Average daily room rate (dollars)	Revenue per available room (dollars)
State total	76.9	204.15	156.99
Oahu	84.7	183.51	155.43
Waikiki	85.8	182.72	156.77
Other Oahu	77.8	188.83	146.91
Maui	72.6	257.95	187.27
Wailea	77.4	387.34	299.80
Lahaina-Kaanapali-Kapalua	73.6	235.06	173.00
Other Maui	71.4	285.95	204.17
Hawaii	62.0	192.57	119.39
Kohala Coast	61.6	274.42	169.04
Kauai	68.8	212.85	146.44

Source: Smith Travel Research, Hospitality Advisors LLC, *Hawaii Hotel Flash Report*, (December/Year-End 2012 Highlights).

Table 23.42-- GENERAL EXCISE TAX BASE FOR RENTALS: 1985 TO 2012

[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
2008	9,170,330	3,130,759	6,039,571
2009	8,566,148	2,618,860	5,947,287
2010	8,525,923	2,755,013	5,770,910
2011	9,308,705	3,185,483	6,123,222
2012	9,878,662	3,666,325	6,212,337

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://www6.hawaii.gov/tax/a5_3txcolrpt.htm>.

Table 23.43-- COMPUTER AND SOFTWARE STORES AND SERVICES: 2007

[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	Establish-ments (number)	Receipts/ revenue or sales ($1,000)	Annual payroll ($1,000)	Paid employees, pay period including March 12 (number)
Wholesale trade				
Computer and software merchant wholesalers (NAICS 42343)	30	84,396	15,575	199
Retail trade				
Computer and software stores (NAICS 44312)	45	192,434	17,598	857
Services				
Computer and office machine repair and maintenance (NAICS 811212)	27	9,554	3,207	110
Computer systems design and related services (NAICS 5415)	351	404,859	167,013	2,452
Data processing, hosting, and related services (NAICS 5182)	73	109,373	44,057	797
Software publishers (NAICS 5112)	15	46,775	12,889	69

Source: U.S. Census Bureau, 2007 Economic Census, Sector 44: EC0744A1: Retail Trade: Geographic Area Series: Summary Statistics for the United States, States, Metro Areas, Counties, and Places: 2007 <http://factfinder.census.gov/servlet/DatasetMainPageServlet?_lang=en&_ts=290626397128&_ds_name='EC0700A1&_program=> accessed April 29, 2010.

Table 23.44-- MOTION PICTURE AND VIDEO SERVICES: 1987 TO 2007

[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	Establish-ments (number)	Receipts ($1,000)	Annual payroll ($1,000)	Paid employees, pay period including March 12 (number)
Motion picture and video production, distribution, and services (NAICS 51211, 51212, 51219)				
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
2007	71	(1/)	(2/)	(3/)
Motion picture and video exhibition (NAICS 51213)				
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
2007	31	89,283	8,850	806
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
2007	64	37,655	6,947	506

Continued on next page.

Table 23.44-- MOTION PICTURE AND VIDEO SERVICES: 1987 TO 2007 -- Con.

D Withheld to avoid disclosing data for individual companies.

1/ Revenue not collected at this level of detail for multiestablishment firms for NAICS 51211 and 51212, and withheld to avoid disclosing data for individual for NAICS 51219.

2/ 5,297 for NAICS 51211 and withheld to avoid disclosing data for individual companies for NAICS 51212 and 51219.

3/ 20 to 99 employees for NAICS 51212 and 0 to 10 employees for NAICS 51219. There were 160 paid employees for NAICS 51211.

Source: U.S. Bureau of the Census, *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); 2007 Economic Census, Sector 53: EC0753A1: Real Estate and Rental and Leasing: Geographic Area Series: Summary Statistics for the United States, States, Metro Areas, Counties, and Places: 2007 <http://factfinder.census.gov/servlet/IBQTable?_bm=y&-geo_id=04000US15&-fds_name=EC0700A1&-ds_name=EC0753A1&-_lang=en> accessed May 21, 2010; 2007 Economic Census, Sector 51: EC0751A1: Information: Geographic Area Series: Summary Statistics for the United States, States, Metro and Micro Areas, Metro Divisions, Consolidated Cities, Counties, and Places: 2007 <http://factfinder.census.gov/servlet/IBQTable?_bm=y&-fds_name=EC0700A1&-geo_id=04000US15&-ds_name=EC0751A1&-_lang=en> accessed April 29, 2010.

Table 23.45-- FILM AND TELEVISION PRODUCTION: 2008 TO 2012

[In millions of dollars, except for employment which is in number of jobs]

Category	2008	2009	2010	2011	2012
Total production expenditures	168.3	173.2	384.1	184.3	245.0
Expenditures qualified for tax credit	81.2	86.2	292.1	127.7	189.1
Expenditures not qualified for tax credit	87.0	87.0	92.0	57.2	56.5
Economic Impact					
Output	272.6	280.6	622.2	298.6	396.9
Earnings	57.2	58.9	130.6	62.7	83.3
State taxes	16.2	16.6	36.9	17.7	23.5
Employment	1,986	1,974	4,225	1,954	2,524

Source: Hawaii Department of Busienss, Economic Development & Tourism, Creative Industry Division, 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. 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: 2012.* Long-term island trends are summarized in *Historical Statistics of Hawaii,* Section 21.

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Narrative

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Table 24.01-- FOREIGN TRADE THROUGH THE HAWAII CUSTOMS DISTRICT: 1984 TO 2012

[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)
2008	5,980.2	5,108.1	7,579.1	964.0	(NA)
2009	3,752.3	3,198.5	5,775.3	562.2	(NA)
2010	4,583.3	4,199.9	7,398.1	685.1	(NA)
2011	5,652.3	4,982.8	7,451.6	909.2	(NA)
2012	6,478.2	5,704.1	9,746.9	726.2	(NA)

NA Not available.

1/ Customs value basis.

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 2012, and beginning with 2004 <http://www.census.gov/foreign-trade/Press-Release/ft920_index.html> accessed June 24, 2013; *U.S. Merchandise Trade, FT900 Supplement* , December issue 1989 to 2012 <http://www.census.gov/foreign-trade/Press-Release/current_press_release/press.html> accessed June 24, 2013; 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: 2007 TO 2012

[In millions of dollars]

Classification	2007	2008	2009	2010	2011	2012
General imports by district of entry						
Customs value 1/	5,208.4	5,980.2	3,752.3	4,583.3	5,652.3	6,478.2
C.I.F. value 2/	5,512.4	6,310.4	3,959.1	4,801.5	5,892.4	6,719.8
General imports by district of unlading						
Customs value 1/	7,198.8	7,564.9	5,016.1	6,870.9	7,565.3	8,557.5
C.I.F. value 2/	7,566.9	7,947.5	5,266.7	7,166.2	7,864.5	8,874.7
General imports by state of destination 3/						
Commodities	(NA)	6,055.4	3,889.8	4,743.5	5,936.0	6,696.0
Manufactured commodities	(NA)	1,717.4	878.2	1,260.8	1,180.3	1,656.3
Non-manufactured commodities	(NA)	4,337.9	3,011.6	3,482.7	4,755.7	5,039.7
Imports for consumption by district of entry (customs value 1/)	4,233.9	5,108.1	3,198.5	4,199.9	4,982.8	5,704.1
Duty free value	1,249.1	1,121.9	901.9	1,253.1	1,285.1	1,659.0
Dutiable value	2,984.8	3,986.2	2,296.5	2,946.8	3,697.7	4,045.1
Exports of domestic & foreign merchandise by dist. of export (F.A.S. value 4/)	4,760.5	7,579.1	5,775.3	7,398.1	7,451.6	9,746.9
Exports of merchandise by origin of movement 5/	560.4	964.0	562.2	685.1	909.2	726.2
Commodities	515.0	878.7	528.8	626.5	800.2	673.6
Manufactured commodities	407.4	740.0	424.3	492.3	612.8	512.0
Non-manufactured commodities	107.6	138.7	104.5	134.2	187.4	161.6
Reexports 6/	45.4	85.3	33.3	58.5	109.0	52.6

NA Not available.

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/ New series effective with January 2010 statistics, this new 'State of Destination' (SD) series has been made available back to January 2008.

4/ 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.

5/ 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.

6/ 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) <http://www.census.gov/foreign-trade/Press-Release/ft920_index.html> accessed June 4, 2012 and *U.S. Merchandise Trade, FT900 Supplement* , *December* issue (annual) <http://www.census.gov/foreign-trade/Press-Release/current_press_release/press.html> accessed June 24, 2013.

Table 24.03-- FOREIGN TRADE THROUGH THE HAWAII CUSTOMS DISTRICT, BY METHOD OF TRANSPORTATION: 2000 TO 2012

[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/					
2000	5,630.2	1,734.3	3,833.9	6,436.2	30.3
2001	3,453.8	1,412.6	2,032.6	5,847.0	18.8
2002	3,995.9	1,463.6	2,359.9	5,838.9	31.9
2003	4,004.9	1,847.3	2,108.3	6,688.7	28.9
2004	4,800.6	2,390.3	2,389.8	7,019.2	39.8
2005	6,097.4	3,354.3	2,733.5	8,128.1	41.5
2006	6,865.0	4,333.1	2,429.1	8,807.3	35.6
2007	7,198.8	4,731.5	2,321.9	9,131.4	32.8
2008	7,564.9	5,589.5	1,891.1	7,955.9	25.6
2009	5,016.1	3,288.8	1,493.8	7,542.3	23.6
2010	6,870.9	3,949.9	2,554.9	7,062.1	31.6
2011	7,565.3	5,238.6	2,206.1	7,190.8	24.7
2012	8,557.5	5,802.9	2,398.1	7,174.9	30.6
Exports 3/					
2000	702.7	214.1	251.9	695.0	9.4
2001	630.9	161.8	267.5	612.3	10.0
2002	2,691.8	168.6	309.5	502.5	9.3
2003	2,521.8	158.6	316.6	486.3	11.1
2004	1,754.1	238.2	319.1	606.6	8.8
2005	2,416.0	226.5	384.5	535.7	9.8
2006	3,215.8	310.9	584.3	567.4	11.6
2007	4,760.5	344.1	900.0	636.4	15.1
2008	7,579.1	377.8	995.4	583.5	14.8
2009	5,775.3	211.2	738.9	478.1	16.3
2010	7,398.1	259.7	1,138.9	467.0	21.8
2011	7,451.6	286.0	1,322.7	482.2	26.9
2012	9,746.9	263.7	2,055.4	455.3	27.3

1/ Includes categories not tabulated by method of transportation, not shown separately.

2/ By district of unlading. 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) to 2010 exhibits 1 and 6 then, beginning in 2011, exhibits 1 and 4, and beginning with 2004 <http://www.census.gov/foreign-trade/Press-Release/ft920_index.html> accessed June 24, 2013.

Table 24.04-- FOREIGN-TRADE ZONE AND SUBZONE OPERATIONS: 2006 TO 2010

[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	2006	2007	2008	2009	2010
Zone No. 9, General Purpose 1/					
Firms using zone	369	369	228	236	242
On continuous basis	190	231	231	(NA)	(NA)
User employment at zone	407	399	440	452	465
Full-time employees	144	256	275	272	275
Value of merchandise ($1,000) 2/					
In/out 3/	1,646,054	1,828,272	2,771,796	1,187,031	1,720,269
Exports 3/	320,967	351,641	486,800	235,270	329,160
Subzone No. 9-A, Tesoro Hawaii, Corp. 4/					
User employment at subzone 5/	250	250	250	250	250
Value ($1,000) 2/					
Merchandise, in/out	4,146,225	4,128,464	5,155,277	3,031,293	3,772,626
Exports	216,978	159,153	265,760	144,810	180,608
Subzone No. 9-D, Maui Pineapple Co. Ltd. 6/					
User employment at subzone 5/	251	126	108	(NA)	(NA)
Value ($1,000) 2/					
Merchandise, in/out	75,990	50,866	5,860	(NA)	(NA)
Exports	5,058	4,709	-	(NA)	(NA)
Subzone No. 9-E, Chevron U.S.A. Products Co. Hawaii Refinery					
User employment at subzone 5/	205	223	224	237	223
Value ($1,000) 2/					
Merchandise, in/out	2,696,645	2,639,729	3,808,132	2,278,111	2,825,134
Exports	100,412	90,863	141,041	94,100	75,057
Subzone No. 9-F, The Gas Company dba SNG 7/					
User employment at subzone 5/	32	32	34	34	34
Value ($1,000) 2/					
Merchandise, in/out	97,110	93,371	143,556	60,752	74,386
Exports	-	-	-	-	-

Continued on next page.

Table 24.04-- FOREIGN-TRADE ZONE AND SUBZONE OPERATIONS: 2006 TO 2010 -- 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 occupyin 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/ On May 29, 1998 Tesoro Hawaii Corporation acquired all of the outstanding stock of BHP Petroleum Americas Refining, Inc. from BHP Hawaii.

5/ Continues to be employment only at the Zone, therefore, excluding downtown or other support site employment.

6/ No longer operating under FTZ auspices.

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 September 6, 2010.

Table 24.05-- COMMODITY EXPORTS TOTAL AND TO TOP 25 FOREIGN COUNTRIES: 2009 TO 2012

[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 2012 totals]

Country	2009	2010	2011	2012
Total	563	684	884	732
Top 25 foreign countries	522	645	866	719
Australia	64	139	125	260
Japan	81	148	91	127
China	45	63	100	71
Korea, South	67	15	95	45
Singapore	79	63	96	35
Canada	17	26	138	30
Indonesia	7	13	43	24
Hong Kong	12	17	24	23
Taiwan	9	14	23	22
Netherlands	66	85	57	17
New Zealand	10	22	18	16
Malaysia	1	1	12	11
Germany	23	6	16	5
Thailand	2	2	2	5
United Kingdom	4	3	2	4
Philippines	23	10	8	4
Mexico	3	3	2	4
Vietnam	3	2	3	3
Ecuador	-	2	-	2
Switzerland	(1/)	2	2	2
Kiribati	-	-	-	2
United Arab Emirates	1	2	1	2
France	5	4	4	2
Italy	(1/)	-	-	1
Denmark	-	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 6-digit HS Commodities Based on 2012 Dollar Value" (May 17, 2013) <http://www.census.gov/foreign-trade/statistics/state/data/hi.html> accessed July 2, 2013.

Table 24.06-- COMMODITY IMPORTS TOTAL AND FROM TOP 25 FOREIGN COUNTRIES: 2009 TO 2012

[In millions of dollars. U.S. Imports by State of Final Destination (State Import Series). Countries in decreasing order of 2012 totals]

Country	2009	2010	2011	2012
Total	3,890	4,743	5,974	6,771
Top 25 foreign countries	3,394	4,507	5,576	6,583
Saudi Arabia	454	396	897	890
Russia	311	769	817	855
Thailand	394	344	683	839
France	78	382	272	622
Argentina	-	80	225	542
Libya	-	-	118	509
Vietnam	567	418	442	380
Japan	241	285	259	314
China	319	292	250	310
Indonesia	446	963	781	301
Angola	-	-	374	200
Gabon	-	-	-	182
Canada	105	133	139	141
Brunei	-	-	-	75
Korea, South	123	56	91	73
Singapore	12	14	5	52
Switzerland	26	28	44	47
Italy	41	30	38	38
Azerbaijan	-	-	-	34
Taiwan	30	81	27	33
Brazil	2	2	2	33
Australia	193	176	22	32
New Zealand	32	33	35	31
Colombia	-	4	19	26
Philippines	21	19	36	24

Source: U.S. Census Bureau, Foreign-Trade Division "Total U.S. Imports via Hawaii - Top 25 6-digit HS Commodities Based on 2012 Dollar Value" (May 20, 2013) <http://www.census.gov/foreign-trade/statistics/state/data/imports/hi.html> accessed July 2, 2013.

Table 24.07-- TOTAL AND TOP 25 CATEGORIES OF COMMODITY EXPORTS TO FOREIGN COUNTRIES: 2009 TO 2012

[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 2012 values]

Country	2009	2010	2011	2012
All commodities	563	684	884	732
Top 25 commodities	320	415	588	582
Airplane & OT A/C, unladen weight > 15,000 KG	-	-	50	173
Civilian aircraft, engines and parts	179	218	289	83
Lt oils, preps GT=70% petroleum/bitum NT biod	-	-	-	65
Parts of airplanes or helicopters, NESOI	18	33	32	52
Ferrous waste & scrap NESOI	32	47	54	48
Water, mineral & aerated natural/artificial not sweetened	29	24	26	24
Cocoa preparations, not in bulk form, NESOI	8	9	12	16
Aluminum waste and scrap	4	7	21	15
Stainless steel waste & scrap	1	4	16	15
Cold-water shrimps and prawns, not frozen	-	-	-	10
Jewelry & parts thereof, of other precious metal	2	5	10	9
Papayas (papaws), fresh	6	5	8	9
Waste, scrap unbleach kraft, corrugated paper	4	9	10	8
Parts, exc. antenna, for transmssn, rdr, radio, TV, etc.	5	3	10	7
Coffee, roasted, not decaffeinated	3	3	6	6
Copper waste & scrap	3	7	6	6
Rec (waste/scrap) paper/pprbrd, bl ch pulp	5	6	7	6
Nonconiferous wood in the rough NESOI, not treat	-	1	7	5
Digital ADP mac & units, entered as systems	-	1	-	5
Other inst, specially designed for telecommunications	5	5	3	5
Electrical parts of machinery NESOI in chapt	5	4	11	5
Coffee, not roasted, not decaffeinated	4	4	2	4
Rec (waste/scrap) paper/pprbrd, mechanical	1	2	3	3
Mach for recp/convr/trans/regn of voice/image	3	15	3	3
Chocolate & other cocoa preps, not bulk, filled	2	5	3	3

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 2012 Dollar Value" (May 17, 2013) <http://www.census.gov/foreign-trade/statistics/state/data/hi.html> accessed July 2, 2013.

Table 24.08-- TOTAL AND TOP 25 CATEGORIES OF COMMODITY IMPORTS FROM FOREIGN COUNTRIES: 2009 TO 2012

[In millions of dollars. U.S. Imports by State of Final Destination (State Import Series). NESOI- Not elsewhere specified or indicated. Countries in decreasing order of 2012 totals]

Commodity	2009	2010	2011	2012
All commodities	3,890	4,743	5,974	6,771
Top 25 commodities	2,988	3,937	5,207	5,998
Crude oil from petroleum and bituminous minerals	2,624	3,160	4,550	4,773
Airplane & other aircraft, unladen weight > 15,000 kg	27	326	220	562
Passenger vehicles SPK-IG INT COM RCPR P ENG >1,500 NOV	90	106	98	133
Passenger vehicles SPK-IG INT COM RCPR P ENG > 3,000 cc	59	76	62	77
Photosensitive semiconductor devices, including photovoltaic cells	2	9	13	45
Generating sets, elecrtic, wind-powered	2	-	-	38
Bituminous coal, not agglomerated	36	48	42	38
Jewelry and parts thereof, of other precious metal	17	17	22	33
Ethyl alcohol & other spirits denatured any strength	-	-	-	30
Pebbles, gravel etc for concrete aggregates	3	2	2	25
Petrol oil bitum mineral (NT crude) etc NT bio	2	59	45	24
Engine and motor parts, NESOI	-	-	-	22
Airplane & other aircraft, unladen weight > 2,000, NOV 15,000 kg	-	-	-	21
Passenger motor vehicles, spark ign eng >1,000 cc but =<150 cc	27	18	15	19
Petroleum bitumen	-	-	-	19
Wrist watch, NT battery, case base metal, automatic	7	10	16	16
Propane, liquified	5	16	24	16
Towers and lattice masts of iron or steel	-	-	-	16
Beer made from malt	22	19	22	16
Wrist watch, battery, mechanical display, base metal	10	13	15	14
Meat of bovine animals, boneless, frozen	12	15	13	14
Wooden furniture, NESOI	10	11	12	13
Portland cement except white Portland cement	12	12	13	12
Handbags, surface of leather or composition leather	11	11	13	11
Wooden kitchen furniture, except seats	10	10	11	11

Source: U.S. Census Bureau, Foreign-Trade Division "Total U.S. Imports via Hawaii - Top 25 6-digit HS Commodities Based on 2012 Dollar Value" (May 20, 2013) <http://www.census.gov/foreign-trade/statistics/state/data/imports/hi.html> accessed July 2, 2013.

Table 24.09--FOREIGN AGRICULTURAL EXPORTS FOR HAWAII AND THE UNITED STATES: 1973 TO 2011

[In millions of dollars. Annual estimates of U.S. exports by State and commodity group based on each State's share of U.S. agricultural production. ERS provided estimates using both old and new methods for 2010, but will update and maintain only the new calendar year farm receipts-based estimates beginning with the 2011 estimates. The 'New' 2000 to 2010 esimates are revised. For discussion of methodology, see ERS "Documentation" <http://www.ers.usda.gov/data-products/state-export-data/documentation.aspx>]

Year	Hawaii	United States	Year	Hawaii	United States
Old series 1/					
1973	19.7	12,043.9	1992	77.0	42,598.3
1974	20.9	20,023.7	1993	70.1	42,831.5
1975	26.6	21,854.3	1994	65.5	43,911.4
1976	24.9	22,760.4	1995	79.8	54,644.0
1977	58.6	24,013.4	1996	84.5	59,751.9
1978	19.1	27,306.2	1997	91.0	57,269.2
1979	19.7	31,982.8	1998	76.7	53,652.9
1980	41.6	40,481.4	1999	76.2	49,043.3
1981	44.6	43,780.1	2000	73.2	50,743.8
1982	39.6	39,094.5	2001	59.9	52,717.1
1983	37.7	34,771.2	2002	51.2	53,319.3
1984	16.1	38,026.8	2003	54.7	56,014.0
1985	36.0	31,200.8	2004	67.3	62,400.4
1986	30.8	26,324.7	2005	83.3	62,517.3
1987	32.0	27,875.2	2006	82.0	68,593.7
1988	38.0	35,378.7	2007	75.4	82,216.8
1989	40.7	39,651.0	2008	146.6	114,909.7
1990	63.7	40,349.4	2009	181.0	96,295.1
1991	76.3	37,756.9	2010	190.2	108,663.7
New series 2/					
2000	156.7	51,265.5	2006	224.3	70,950.4
2001	168.7	53,678.9	2007	245.1	89,991.8
2002	174.1	53,144.2	2008	309.7	114,761.4
2003	175.6	59,392.7	2009	368.0	98,453.9
2004	194.5	61,418.1	2010	433.8	115,819.7
2005	221.8	63,182.3	2011	498.6	136,374.4

1/ Fiscal year (year ending September 30) exports based on each State's share of U.S. agricultural production. Data from 1990 forward is updated using consistent methodogy and commodity coverage. Data for 1989 and prior may be kinked due to differences in methology and commodity coverage.

2/ A new calendar year series of export estimates based on U.S. farm cash receipts.

Source: U.S. Department of Agriculture, Economic Research Service, "U.S. Agricultural Exports, State detail by commodity [Old series]: FY1973-2010" (June 30, 2012) ; Ibid. "U.S. Agricultural Exports, Commodity detail by State [New series]: CY2000-2011" (December 17, 2012) <http://www.ers.usda.gov/data-products/state-export-data.aspx> accessed July 17, 2013.

Table 24.10-- FOREIGN AGRICULTURAL EXPORTS, BY COMMODITY GROUP: 1973 TO 2010

[In millions of dollars. For fiscal year ending September 30. Data from 1990 use consistent methodology and commodity coverage. USDA has discontinued this series]

Year	Total 1/	Wheat & products	Fruit & preps	Tree nuts	Veg. & preps	Live animals & meat	Hides & skins	Poultry & products	Fats, oils, & greases	Dairy products	Feeds & fodders	Seeds	Other 2/
1973	19.7	-	15.9	-	0.1	-	0.4	0.1	-	-	-	-	2.7
1974	20.9	-	15.0	-	0.1	-	0.3	0.2	-	-	-	-	4.5
1975	26.6	-	22.7	-	0.5	-	0.4	0.1	-	-	-	-	2.0
1976	24.9	-	20.1	-	0.8	-	0.6	0.3	-	-	-	-	2.0
1977	58.6	-	49.9	-	0.9	-	0.7	0.4	-	-	-	-	5.3
1978	19.1	-	14.1	-	1.0	-	0.7	0.5	-	-	-	-	1.3
1979	19.7	-	14.2	-	1.0	-	1.1	0.5	-	-	-	-	1.3
1980	41.6	-	26.4	12.4	-	1.0	0.6	-	0.8	-	-	-	0.4
1981	44.6	-	30.7	10.6	-	1.2	0.8	-	0.9	-	-	-	0.4
1982	39.6	-	28.3	8.2	-	1.3	1.0	-	0.4	-	-	-	0.4
1983	37.7	-	27.9	7.4	-	0.8	0.7	-	0.5	-	-	-	0.4
1984	16.1	-	28.8	15.4	-	-	-	-	-	-	-	-	0.9
1985	36.0	-	20.9	14.3	-	-	-	-	-	-	-	-	0.8
1986	30.8	-	20.5	9.5	-	-	-	-	-	-	-	-	0.8
1987	32.0	-	19.0	12.1	-	-	-	-	-	-	-	-	0.9
1988	38.0	-	22.0	14.9	-	-	-	-	-	-	-	-	1.1
1989	40.7	-	28.4	10.7	-	-	-	-	-	-	-	-	1.6
1990	63.7	-	45.4	4.1	0.1	3.9	2.7	0.5	0.7	-	0.3	0.8	5.1
1991	76.3	-	53.5	4.8	0.2	4.0	1.9	0.6	0.6	-	0.3	0.7	9.7
1992	77.0	-	50.0	10.3	0.2	4.2	1.6	0.6	0.6	-	0.4	1.3	7.9
1993	70.1	-	46.2	9.2	0.4	3.4	1.2	0.6	0.5	-	0.4	1.4	6.8
1994	65.5	-	46.0	7.5	0.4	2.0	0.7	0.6	0.3	-	0.3	1.0	6.8
1995	79.8	-	56.4	10.3	0.4	2.0	0.7	0.9	0.4	0.7	0.2	1.0	6.8
1996	84.5	-	60.1	11.2	0.4	1.8	0.6	0.9	0.2	0.6	0.2	0.6	7.8
1997	91.0	-	63.0	13.3	0.4	1.9	0.6	0.9	0.2	0.7	0.3	0.9	8.7
1998	76.7	-	56.0	7.4	0.5	2.1	0.6	0.9	0.3	0.8	0.3	0.8	7.1
1999	76.2	-	55.9	7.9	0.6	1.9	0.4	0.7	0.2	0.7	0.3	0.4	7.4
2000	73.2	-	47.9	11.3	1.2	2.1	0.5	0.6	0.2	0.7	0.3	0.9	7.8
2001	59.9	-	39.9	-	1.2	1.8	0.5	0.5	0.1	-	0.3	0.8	14.8
2002	51.2	-	32.5	-	-	1.6	0.4	0.4	0.1	-	0.2	0.8	15.1
2003	54.7	-	35.6	-	-	1.4	0.4	0.4	0.1	-	0.2	0.5	16.0
2004	67.3	-	46.4	-	-	1.5	0.4	0.3	0.2	-	0.2	0.5	17.8
2005	83.3	7.7	54.2	-	-	0.8	0.4	0.4	0.1	-	0.2	0.5	19.0
2006	82.0	8.9	49.9	-	-	1.1	0.5	0.3	0.1	-	0.2	0.3	20.7
2007	75.4	10.5	38.6	0.2	-	1.2	0.5	0.3	0.2	-	0.2	0.6	23.0
2008	146.6	11.5	43.2	62.8	-	1.5	0.5	0.3	0.3	-	0.3	0.9	25.2
2009	181.0	13.3	38.1	103.4	-	1.7	0.4	0.3	0.2	-	0.3	1.3	21.8
2010	190.2	14.2	35.1	113.2	-	1.7	0.6	0.4	0.3	-	0.3	0.5	23.9

1/ Rice, feed grains, soybeans and products, sunflowerseed and products, peanuts and products, cotton and linters, cottonseed and products, unmanufactured tobacco are zero.
2/ Other includes sugar & tropical products, minor oilseeds, essential oils, beverages other than juice, nursery & greenhouse, wine, & misc. horticultural & vegetable products.
Source: U.S. Department of Agriculture, Economic Research Service, "U.S. Agricultural Exports, State detail by commodity [Old series]: FY1973-2010" (June 30, 2011) <http://www.ers.usda.gov/data-products/state-export-data.aspx> accessed July 2, 2012.

Table 24.11--FOREIGN AGRICULTURAL EXPORTS, BY COMMODITY GROUP: 2000 TO 2011

[In millions of dollars. Annual estimates of U.S. exports by State and commodity group based on each State's share of U.S. agricultural production. ERS is provided estimates using both old and new methods for 2010, but beginning with 2011 updates and maintains only this new calendar year farm receipts-based estimates. For discussion of methodology, see ERS "Documentation" <http://www.ers.usda.gov/data-products/state-export-data/documentation.aspx>]

Export 1/	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total agricultural exports	156.7	168.7	174.1	175.6	194.5	221.8	224.3	245.1	309.7	368.0	433.8	498.6
Livestock and products												
Beef and veal	1.7	1.5	1.5	1.5	0.4	0.6	1.1	1.4	1.6	2.0	2.4	4.0
Pork	0.5	0.6	0.8	0.6	0.7	0.8	0.8	0.8	1.0	0.9	1.0	0.7
Hides and skins	0.7	0.9	0.8	0.7	0.8	0.8	1.1	1.1	1.0	1.0	1.4	2.0
Dairy products	1.3	1.2	1.0	1.0	1.1	1.1	1.1	0.8	0.6	0.7	1.0	1.2
Poultry products												
Chicken meat	0.2	0.2	0.2	0.2	0.1	-	-	-	-	-	-	-
Vegetables, fresh	12.8	12.6	12.5	13.0	12.8	13.3	13.9	10.7	11.3	6.9	8.6	8.8
Vegetables, processed	19.5	18.9	17.6	17.0	17.2	17.4	18.3	14.7	18.3	11.2	13.4	14.3
Fruits, fresh	7.0	7.2	5.7	6.1	5.6	6.2	6.4	7.4	7.4	8.0	7.7	7.7
Fruits, processed	4.6	4.5	3.6	3.7	3.5	3.6	4.0	4.9	4.9	5.1	4.8	4.9
Tree nuts	21.7	24.7	19.0	21.1	24.3	29.3	31.1	18.1	30.5	26.8	23.2	30.2
Sugar and products	19.9	19.6	18.9	18.2	21.0	23.6	20.9	25.7	25.7	21.3	33.9	45.9
Planting seeds	30.2	39.3	48.6	40.6	50.9	62.8	65.1	94.4	133.3	164.7	202.2	221.8
Other products 2/	36.4	37.6	43.9	52.0	56.1	62.2	60.5	65.1	74.2	119.4	134.2	157.1

1/ Turkey meat (component of poultry products), potatoes, wheat and products, rice, corn, feeds & fodder, oilseeds & products (soybeans, oilcake & meal, & vegetable oils), cotton, & tobacco, unmanufactured are zero over the period.

2/ Includes live animals, other meats, animal parts, eggs, wine, beer, other beverages, coffee, cocoa, hops, nursery crops, inedible materials, and prepared foods.

Source: U.S. Department of Agriculture, Economic Research Service, "U.S. Agricultural Exports, Commodity detail by State [New series]: CY2000-2011" (December 17, 2012) <http://www.ers.usda.gov/data-products/state-export-data.aspx> accessed June 30, 2013.

Table 24.12-- PROFILE OF IMPORTING AND EXPORTING COMPANIES, UNITED STATES AND HAWAII: 2009 TO 2011

[In number, millions of dollars, and percent]

Characteristic	2009		2010		2011	
	U.S.	Hawaii	U.S.	Hawaii	U.S.	Hawaii
Exports by state of origin of movement 1/						
Value of exports	1,056,043	562	1,278,263	684	1,480,432	884
Value as percent of total	100.0	0.1	100.0	0.1	100.0	0.1
Known value 2/	940,410	472	3/ 1,140,406	550	1,319,942	723
Percent of known value	100.0	0.1	100.0	(4/)	100.0	0.1
Number of identified exporters	276,643	797	3/ 293,988	868	302,260	880
Percent of number of ident. exp.	100.0	0.3	100.0	0.3	100.0	0.3
Percent change from previous year						
Value of exports	-18.0	-41.7	21.0	21.7	15.8	29.2
Known value 2/	-18.3	-19.0	3/ 21.3	16.5	15.7	31.5
Number of exporters	-4.5	-4.1	3/ 6.3	8.9	2.8	1.4
Imports by state of destination 5/						
Value of imports	1,559,625	3,888	1,913,160	4,743	2,207,824	5,974
Value as percent of total	100.0	0.2	100.0	0.2	100.0	0.3
Known value 2/	1,350,406	3,518	1,679,522	4,477	1,945,307	5,771
Percent of known value	100.0	0.3	100.0	0.3	100.0	0.3
Number of identified importers	179,831	2,073	181,648	2,021	183,960	2,013
Percent of number of ident. imp.	100.0	1.2	100.0	1.1	100.0	1.1
Percent change from previous year						
Value of imports	-25.9	-35.8	3/ 22.7	22.0	15.4	26.0
Known value 2/	-23.4	-32.6	24.4	27.3	15.8	28.9
Number of importers	-5.3	-8.2	1.0	-2.5	1.3	-0.4

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.*

4/ Represents zero or one-half unit of measurement shown.

5/ Series introduced with the 2008 data.

Source: U.S. Census Bureau, *Profile of U.S. Importing and Exporting Companies, 2009-2010* (pp. 53-56) <http://www.census.gov/foreign-trade/Press-Release/edb/2010/edbrel.pdf> accessed April 13, 2012; Ibid. *2010-2011* (pp. 53-56) <http://www.census.gov/foreign-trade/Press-Release/edb/2011/edbrel.pdf> accessed May 16, 2013; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 24.13-- AGRICULTURAL LANDHOLDINGS OF FOREIGN OWNERS: 2004 TO 2010

[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 2004 and 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 through 2010, 4,110,720 acres with the 2000 Census. Data are as of February 28, 2004 through 2007 and 2009- 2010, and February 29, 2008, reflecting the leap year. A second report was issued for 2010, which contains data gathered between March 1, 2010 and December 31, 2010. The source has indicated that henceforth, the report will be published as of the end of each calendar year]

Closing date	Parcels owned by foreigners	Privately owned agricultural land 1/	Acres owned by foreigners 2/	Percent of all privately owned agric. land 3/	Agricultural acres owned by foreigners 2/
Feb. 28, 2004	100	1,986,000	172,186	8.4	167,206
Feb. 28, 2005	103	1,986,000	172,211	8.4	167,600
Feb. 28, 2006	104	1,803,038	172,238	9.3	167,627
Feb. 28, 2007	105	1,803,038	172,619	9.3	168,008
Feb. 29, 2008	106	1,803,038	162,590	8.8	157,974
Feb. 28, 2009	114	1,803,038	163,495	8.8	158,874
Feb. 28, 2010	114	1,803,038	163,495	8.8	158,874
Dec. 31, 2010	115	1,803,038	163,527	8.8	158,884

1/ Preliminary estimate based on unpublished USDA, Economic Research Service 1997 data through 2005, and for 2006-2010, 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/ Category designation revised from previous *Data Book.*

3/ The December 31, 2010 percentage for Hawaii ranked 2nd (rank of 1 assigned to the highest) among the 50 States, exceeded only by Maine at 16.0 percent and well above the national percentage of 1.9 percent.

Source: U.S. Department of Agriculture, Farm Service Agency, *Foreign Ownership of U. S. Agricultural Land Through February 28* (annual except 2008 when it was through February 29), reports 1 and 3 <http://www.fsa.usda.gov/FSA/webapp?area=home&subject=ecpa&topic=afa> accessed June 18, 2012; and Ibid. *Foreign Holdings of U.S. Agricultural Land Through December 31, 2010* , reports 1 and 3 <http://www.fsa.usda.gov/Internet/FSA_File/afida_thru_12312010.pdf> accessed June 19, 2013.

Table 24.14-- AGRICULTURAL AND NONAGRICULTURAL LANDHOLDINGS OF FOREIGN OWNERS, BY COUNTRY AND BY COUNTY: 2009 AND 2010

[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
February 28, 2009					
Parcels owned by foreigners	114	11	74	7	22
Use of landholdings of foreign owners	163,495	6,153	96,050	7,927	53,365
Agriculture	158,874	2,960	94,875	7,886	53,153
Cropland	38,847	1,843	34,149	133	2,722
Pasture	78,852	-	28,332	2,849	47,671
Forest	7,071	-	1,730	4,201	1,140
Other agriculture	34,104	1,117	30,664	703	1,620
Non agriculture	4,621	3,193	1,175	41	212
Acres owned by foreigners	163,495	6,153	96,050	7,927	53,365
Canada	79	-	66	-	13
Germany	434	-	23	384	27
Netherlands	3,675	-	3,673	-	2
United Kingdom	3,128	-	3,128	-	-
All others	156,179	6,153	89,160	7,543	53,323
February 28, 2010					
Parcels owned by foreigners	114	11	74	7	22
Use of landholdings of foreign owners	163,495	6,153	96,050	7,927	53,365
Agriculture	158,874	2,960	94,875	7,886	53,153
Cropland	38,847	1,843	34,149	133	2,722
Pasture	78,852	-	28,332	2,849	47,671
Forest	7,071	-	1,730	4,201	1,140
Other agriculture	34,104	1,117	30,664	703	1,620
Non agriculture	4,621	3,193	1,175	41	212
Acres owned by foreigners	163,495	6,153	96,050	7,927	53,365
Canada	79	-	66	-	13
Germany	434	-	23	384	27
Netherlands	3,675	-	3,673	-	2
United Kingdom	3,128	-	3,128	-	-
Denmark	9	-	-	-	9
All others	156,170	6,153	89,160	7,543	53,314

Continued on next page.

Table 24.14-- AGRICULTURAL AND NONAGRICULTURAL LANDHOLDINGS OF FOREIGN OWNERS, BY COUNTRY AND BY COUNTY: 2009 AND 2010-- Con.

Subject	State total	Honolulu	Hawaii	Kauai	Maui
December 31, 2010					
Parcels owned by foreigners	115	11	75	7	22
Use of landholdings of foreign owners	163,527	6,153	96,082	7,927	53,365
Agriculture	158,884	2,960	94,885	7,886	53,153
Cropland	38,847	1,843	34,149	133	2,722
Pasture	78,852	-	28,332	2,849	47,671
Forest	7,081	-	1,740	4,201	1,140
Other agriculture	34,104	1,117	30,664	703	1,620
Non agriculture	4,643	3,193	1,197	41	212
Acres owned by foreigners	163,527	6,153	96,082	7,927	53,365
Canada	79	-	66	-	13
Germany	434	-	23	384	27
Netherlands	37,410	-	37,408	-	2
United Kingdom	3,128	-	3,128	-	-
Denmark	9	-	-	-	9
All others	122,467	6,153	55,457	7,543	53,314

Source: U.S. Department of Agriculture, Farm Service Agency, *Foreign Ownership of U. S. Agricultural Land Through February 28, 2009,* reports 1, 2 and 3; and Ibid. *February 28, 2010;* and Ibid. *December 31, 2010* <http://www.fsa.usda.gov/FSA/webapp?area=home&subject=ecpa&topic=afa> accessed July 16, 2013.

Table 24.15-- FOREIGN DIRECT INVESTMENT IN HAWAII IN GROSS PROPERTY, PLANT, AND EQUIPMENT OF NONBANK AFFILIATES, BY COUNTRY OF ULTIMATE BENEFICIAL OWNER: 1977 TO 2006

[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	12,453	11,033	10,552	34	447	119	900	274	127
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/	5,838	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2006 3/ 4/	8,007	(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) affliliates.

4/ The Nonbank U.S. Affiliates series ended with 2006. Beginning with 2007, it was replaced by a series that includes both bank and nonbank affiliates. See Tables 24.20 and 24.21 for 2007- 2010 Hawaii data.

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* (various years) and <http://www.bea.gov/international/di1fdiop.htm> accessed July 4, 2012; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 24.16-- EMPLOYMENT OF NONBANK AFFILIATES IN HAWAII, BY COUNTRY OF AFFILIATE: 1977 TO 2006

[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	43.4	31.4	30.0	(D)	(D)	1.1	6.2	3.7	1.0
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/	29.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2006 4/ 5/	28.7	(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) affliliates. See also Table 24.20.

5/ The Nonbank U.S. Affiliates series ended with 2006. Beginning with 2007, it was replaced by a series that includes both bank and nonbank affiliates. See Tables 24.20 and 24.21 for 2007- 2010 Hawaii data.

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* (various years) and <http://www.bea.gov/international/di1fdiop.htm> accessed July 4, 2012; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 24.17-- FOREIGN DIRECT INVESTMENT IN HAWAII IN GROSS PROPERTY, PLANT, AND EQUIPMENT OF NONBANK AFFILIATES, BY INDUSTRY OF AFFILIATE: 1977 TO 2006

[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	12,453	(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/	5,838	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2006 1/ 2/	8,007	(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) affliliates. See also table 24.20.

2/ The Nonbank U.S. Affiliates series ended with 2006. Beginning with 2007, it was replaced by a series that includes both bank and nonbank affiliates. See Tables 24.20 and 24.21 for 2007 Hawaii data.

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* (various years) and <http://www.bea.gov/international/di1fdiop.htm> accessed July 4, 2012; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 24.18-- EMPLOYMENT OF NONBANK AFFILIATES IN HAWAII, BY INDUSTRY OF AFFILIATE: 1977 TO 2006

[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	Petroleum	Manufacturing	Wholesale trade	Retail trade	Finance, nonbank	Insurance	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	43.4	(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/ 5/	35.6	(NA)	0.6	(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/	29.0	(NA)	0.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2006 4/ 6/	28.7	(NA)	1.2	(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) affliliates. See also table 24.20.

5/ Manufacturing employment revised from previous *Data Book.*

6/ The Nonbank U.S. Affiliates series ended with 2006. Beginning with 2007, it was replaced by a series that includes both bank and nonbank affiliates. See Tables 24.20 and 24.21 for 2007 Hawaii data.

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* (various years) and <http://www.bea.gov/international/di1fdiop.htm> accessed July 4, 2012; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 24.19-- FOREIGN DIRECT INVESTMENT IN HAWAII IN GROSS PROPERTY, PLANT, AND EQUIPMENT OF NONBANK AFFILIATES AND EMPLOYMENT, BY INDUSTRY OF AFFILIATE: 1997 TO 2006

[Foreign Direct Investment (FDI) 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/	Manufact-uring	Wholesale trade	Retail trade	Information	Finance (exc. depository inst) & insur.	Real estate, rental & leasing	Professional, scientific, & technical services	Other industries
FDI									
1997	14,805	228	203	705	146	199	4,049	2	9,274
1998	12,453	336	184	810	178	76	3,312	1	7,555
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/	6,741	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2005 2/	5,838	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2006 2/ 3/	8,007	(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	43.4	2.4	1.8	6.4	0.7	1.0	1.8	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/ 4/	35.6	0.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2004 2/	31.5	0.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2005 2/	29.0	0.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2006 2/ 3/	28.7	1.2	(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) affliliates. See also table 24.20.

3/ The Nonbank U.S. Affiliates series ended with 2006. Beginning with 2007, it was replaced by a series that includes both bank and nonbank affiliates. See Tables 24.20 and 24.21 for 2007 Hawaii data.

4/ Manufacturing employment revised from previous *Data Book.*

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* (various years) and <http://www.bea.gov/international/di1fdiop.htm> accessed July 4, 2012; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 24.20-- FOREIGN DIRECT INVESTMENT IN MAJORITY-OWNED AFFILIATES: 2007 TO 2010

[Investment by Hawaii nonbank affiliates of U.S. business enterprises owned 50 percent or more, directly or indirectly, by a foreign person. There is no 'Gross property, plant, and equipment' beyond 2007]

Category	Gross property, plant, and equipment (million dollars)	Employment (1,000 employees)			
	2007	2007	2008	2009 1/	2010
All countries	6,184	31.0	27.6	26.7	26.2
Japan	4,320	16.6	13.2	12.8	12.6
Canada	18	0.6	0.9	0.9	1.0
France	680	4.6	4.3	4.5	4.4
Germany	250	0.9	0.8	0.7	0.7
Netherlands	(D)	0.1	0.1	0.1	0.1
Switzerland	39	0.8	0.9	1.0	1.0
United Kingdom	58	2.4	3.0	2.3	2.2
Other	(D)	4.9	4.4	4.4	4.3
All industries	6,184	31.0	27.6	26.7	26.2
Manufacturing	303	2.8	3.4	2.8	3.0
Wholesale trade	434	2.5	1.9	1.4	1.3
Retail trade	363	3.2	3.3	4.2	4.2
Information	150	0.3	0.5	0.4	0.4
Finance and insurance	(D)	3.1	2.6	2.6	2.5
Real estate and rental and leasing	763	1.3	1.2	1.2	1.1
Professional, scientific, and technical services	12	0.2	0.1	0.1	0.1
Other industries	(D)	17.6	14.5	14.1	13.6

D Withheld to avoid disclosing data for individual companies.

1/ Revised from previous *Data Book.*

Source: U.S. Bureau of Economic Analysis, International Data, Direct Investment & MNC, "Foreign Direct Investment" "Employment by State and Country 2007-2010 (Excel)"; "Employment by State and Industry 2007-2010 (Excel)"; "Gross Property, Plant, and Equipment by State and Country 2007 (Excel)" and "Gross Property, Plant, and Equipment by State and Industry 2007 (Excel)" <http://www.bea.gov/iTable/iTable.cfm?ReqID=2&step=1> accessed May 17, 2013.

Table 24.21-- FOREIGN DIRECT INVESTMENT IN ALL AFFILIATES: 2007 TO 2010

[Investment by all Hawaii affiliates of U.S. business enterprises , owned directly or indirectly, by a foreign person. There is neither country nor industry detail available by state, nor is there 'Gross property, plant, and equipment' beyond 2007]

Category	Gross property, plant, and equipment (million dollars)	Employment (1,000 employees)
2007	6,990	32.4
2008	(NA)	29.2
2009 1/	(NA)	28.1
2010 1/	(NA)	27.9

NA Not available.

1/ 2009 is revised from previous *Data Book* and 2010 is preliminary.

Source: U.S. Bureau of Economic Analysis, International Data, Foreign Direct Investment in the United States (FDIUS), Comprehensive Financial and Operating Data for U.S. Affiliates, Financial and Operating Data for U.S. Affiliates of Foreign Multinational Companies (annual) <http://www.bea.gov/international/di1fdiop.htm#> accessed July 18, 2013.

BIBLIOGRAPHY

This volume is the 45th 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 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 l8th century. Permitted by the University of Hawaii Press, the electronic copy of this book can be found at <http://files.hawaii.gov/dbedt/economic/data_reports/Historical-Statistics-of-Hawaii.pdf>.

Statistical abstracts have also been published for the counties of Hawaii and Maui. The Hawaii County Department of Research and Development's *Data Book,* a 400 table compendium, is only available online and is updated on a regular basis on the Internet site <http://hawaiicounty.gov/databook>. *Maui County Data Book 2012*, 250 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 May 2013. The price per print copy is $20.00 when picked up in person. The online version and archives of previous editions is available at http://www.hisbdc.org/>.

Persons interested in historical data for other states or the nation as a whole should consult the *Statistical Abstract of the United States* and other Census Bureau resources such as the *State and Metropolitan Area Data Book, County and City Data Book* and *USA Counties* at <http://www.census.gov/compendia/statab/ >. The *Abstract* was initiated in 1878 and was an annual publication of the U.S. Census Bureau. The last edition, its 131th, was dated 2012. As of October 1, 2011, the U.S. Census Bureau terminated the collection of data for the Statistical Compendia program which affects the *Statistical Abstract of the United States, State and Metropolitan Area Data Book,* and the *County and City Data Book*. Accessing and ordering information for U.S. 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 2012

[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/
2008	5/	802	5/	5/	5/	5/
2009	5/	800	5/	5/	5/	5/
2010	5/	801	5/	5/	5/	5/
2011	5/	819	5/	5/	5/	5/
2012	5/	832	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 were 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. There were two releases of the 2007 Hawai'i Data Disc. 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. The 2008 Hawai'i Data Disc became available in August 2008 and included the *Data Books* for 2003 through 2007. The last CD-ROM, the 2009 Hawai'i Data Disc, was released in August 2009 and included the *Data Books* for 2004 through 2008. From 2010, the Hawai'i Data Disc was no longer produced.

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://dbedt.hawaii.gov>. *Data Book* tables may be viewed or downloaded from this website. 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.

The Internet site which hosts the DBEDT Data Warehouse is at <http://www.hawaiieconomicdata.com/>. Time-series data from the *Data Book* may be obtained using the quick or the customized report functions.

Starting this year, another location where our *Data Book* tables may be found is at Hawaii's open data Internet site, https://data.hawaii.gov/.

For further information about available data and sources, users should call the Research and Economic Analysis Division at (808) 586-2480.

DBEDT

THE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

STATE OF HAWAII