

State Population Total

1,419,561

City & County of Honolulu

991,788

Hawaii County

194,190



# 2014

The State of Hawaii

# DATA BOOK

A Statistical Abstract



Kauai County

70,475

Maui County

163,108



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

# 2014

The State of Hawaii  
**DATA BOOK**

A Statistical Abstract

August 2015



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

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## Bibliography

Table A. Printing History of the *State of Hawaii Data Book*  
Availability of electronic versions of the *Data Book* tables

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 Yang-Seon Kim, Ph.D., Research and Statistics Officer; Mary Blewitt, Economist; Jan Nakamoto, Paul Oshiro, David Fink, and Aaron Tao, Research Statisticians. 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 2014 edition of the *State of Hawaii Data Book*, the official summary of statistics on the social, economic, and political organization of our state.

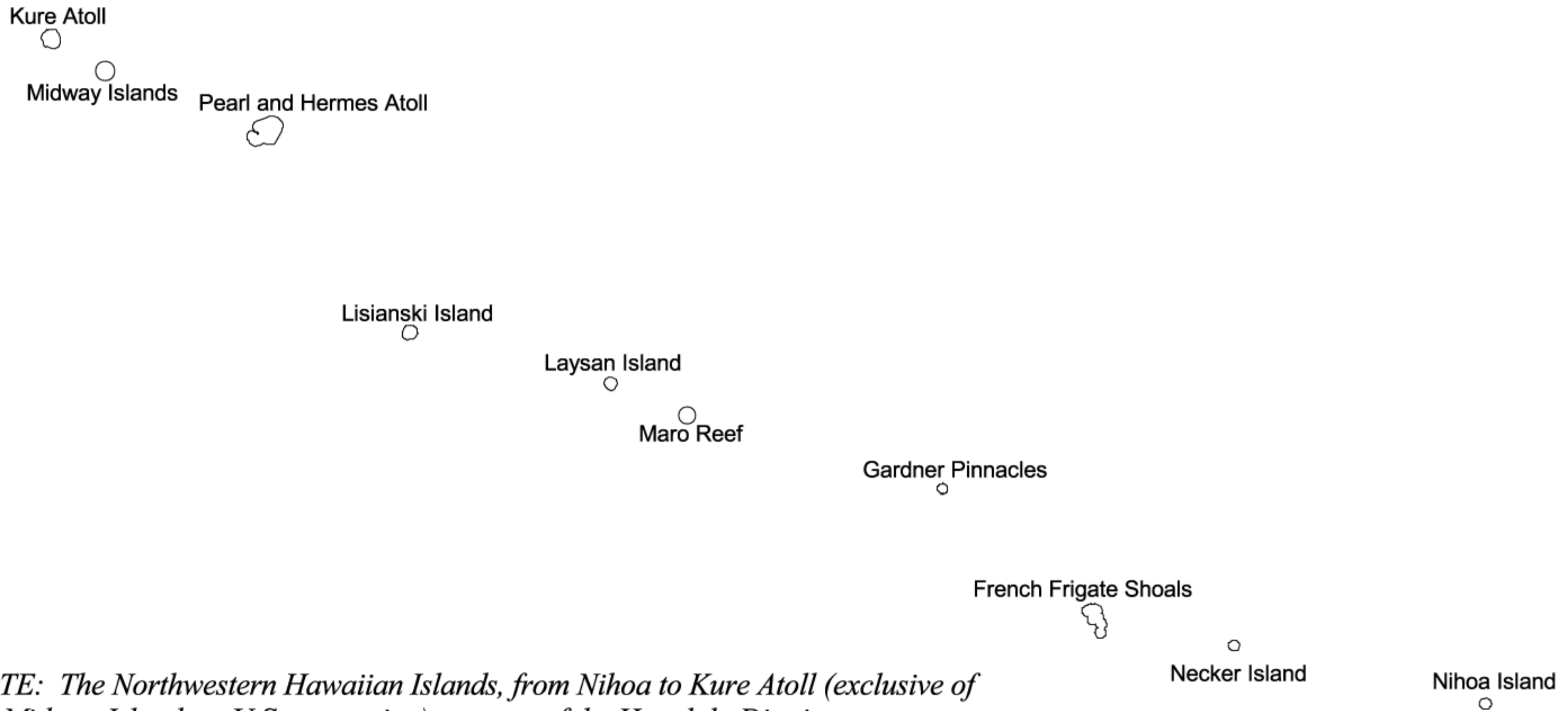
This edition, the 47th in the series, places major emphasis on statewide data and less so on counties, islands, urban places, and smaller areas. Source references for additional statistical detail are provided in the introductions to the sections and at the end of each table.

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.



Luis P. Salaveria  
Director of Business,  
Economic Development &  
Tourism

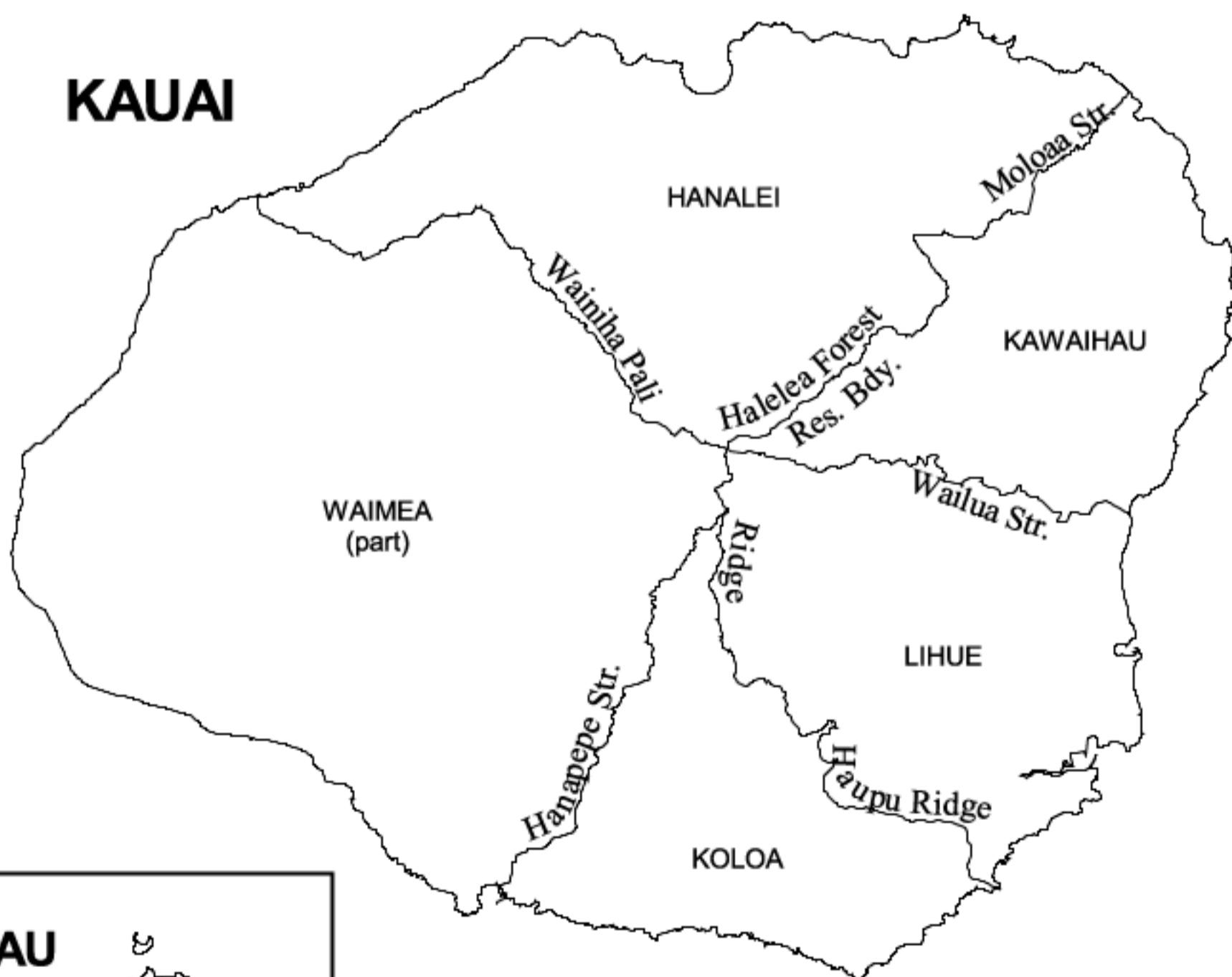
# STATE OF HAWAII COUNTIES and DISTRICTS



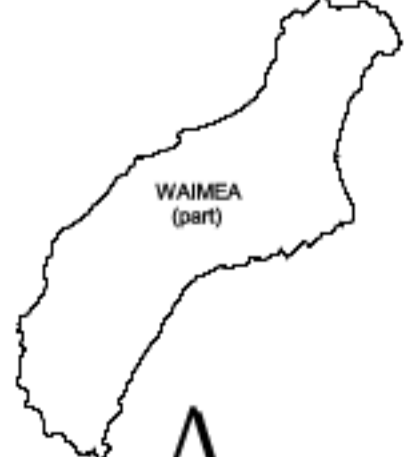
*NOTE: The Northwestern Hawaiian Islands, from Nihoa to Kure Atoll (exclusive of the Midway Islands, a U.S. possession) are part of the Honolulu District.*

## INSET A KAUAI COUNTY

KAUAI



NIHAU



## INSET B HONOLULU CITY AND COUNTY

OAHU



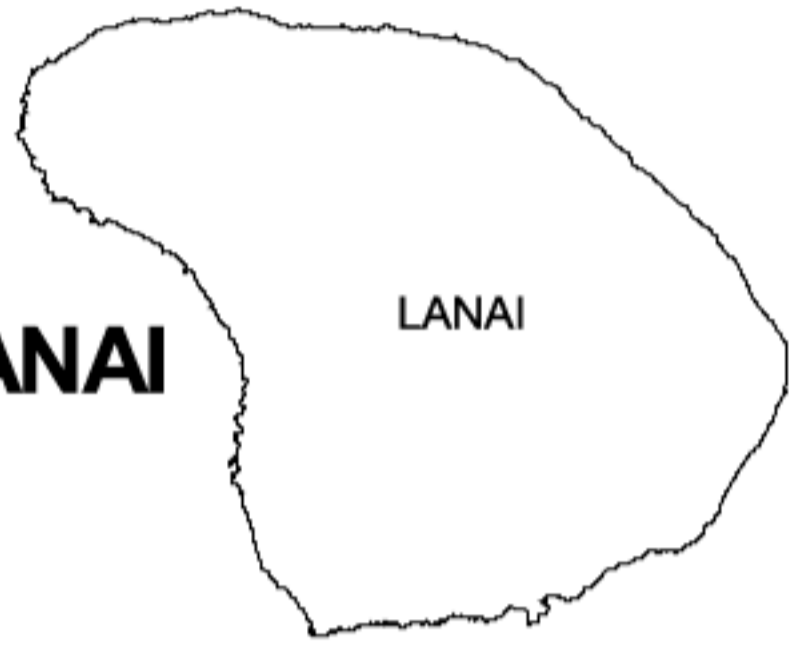


Kalawao is officially designated as a separate county but is usually treated as a district of Maui for statistical purposes.

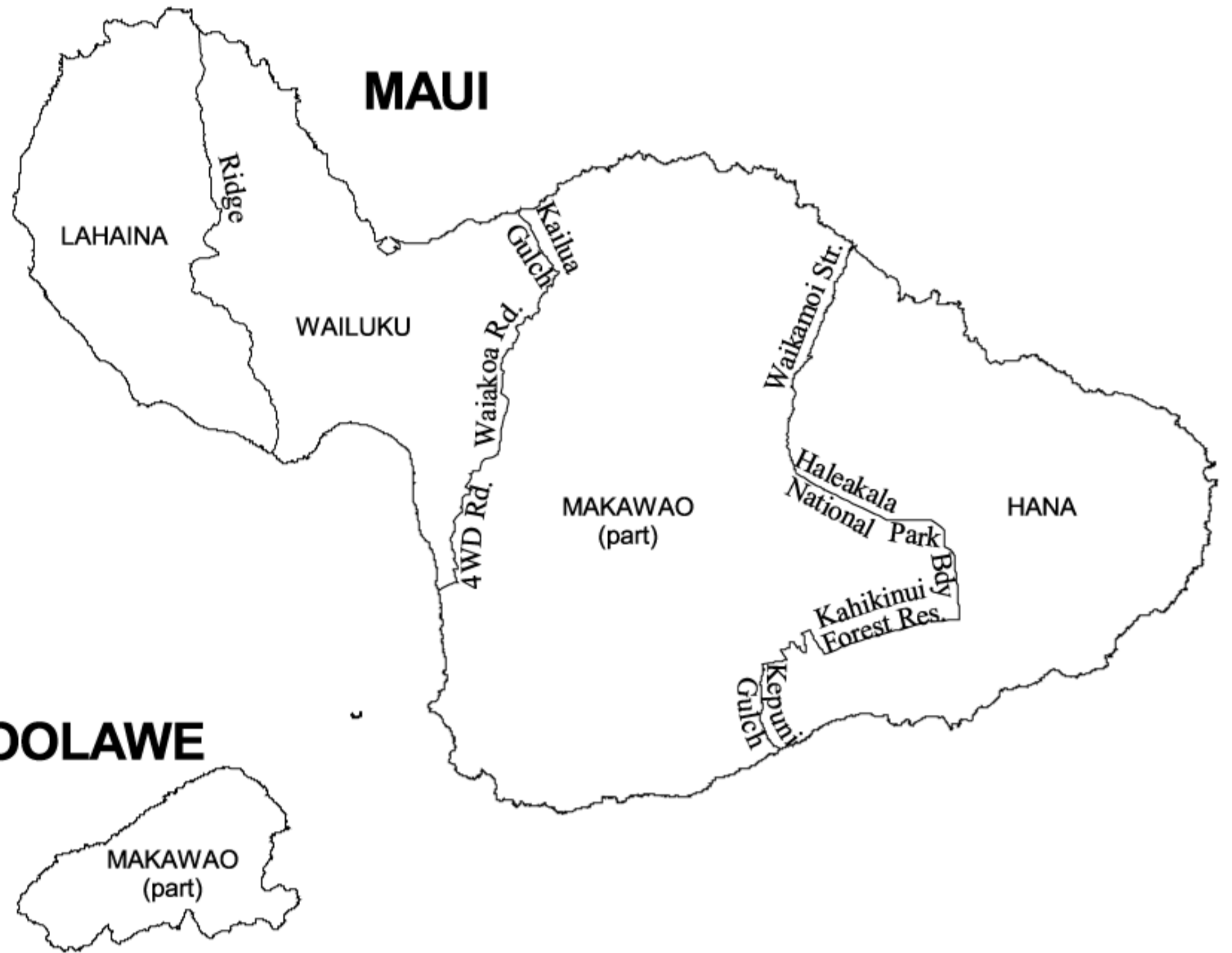
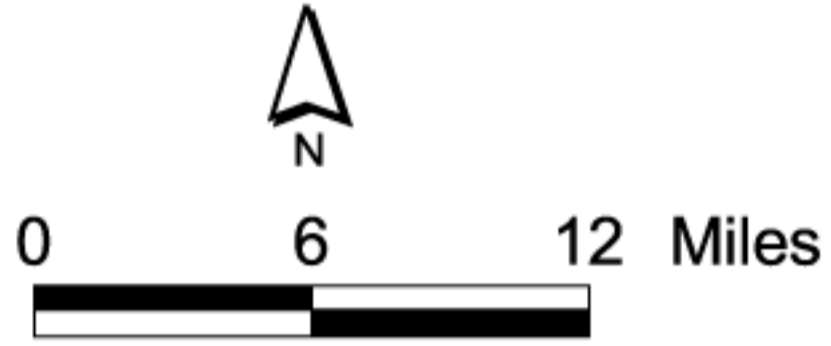
**INSET C  
MAUI  
COUNTY**



**MOLOKAI**

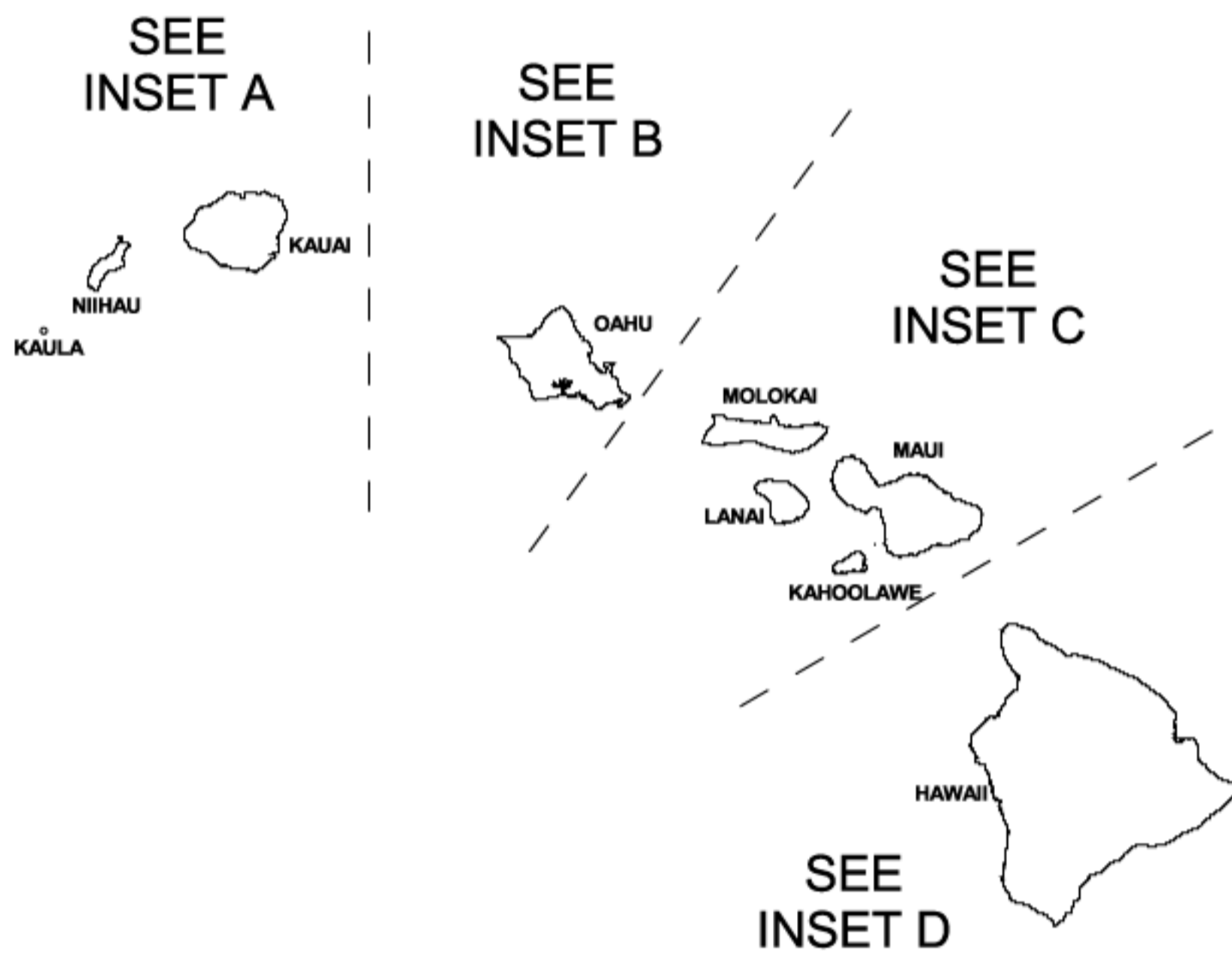


**LANAI**

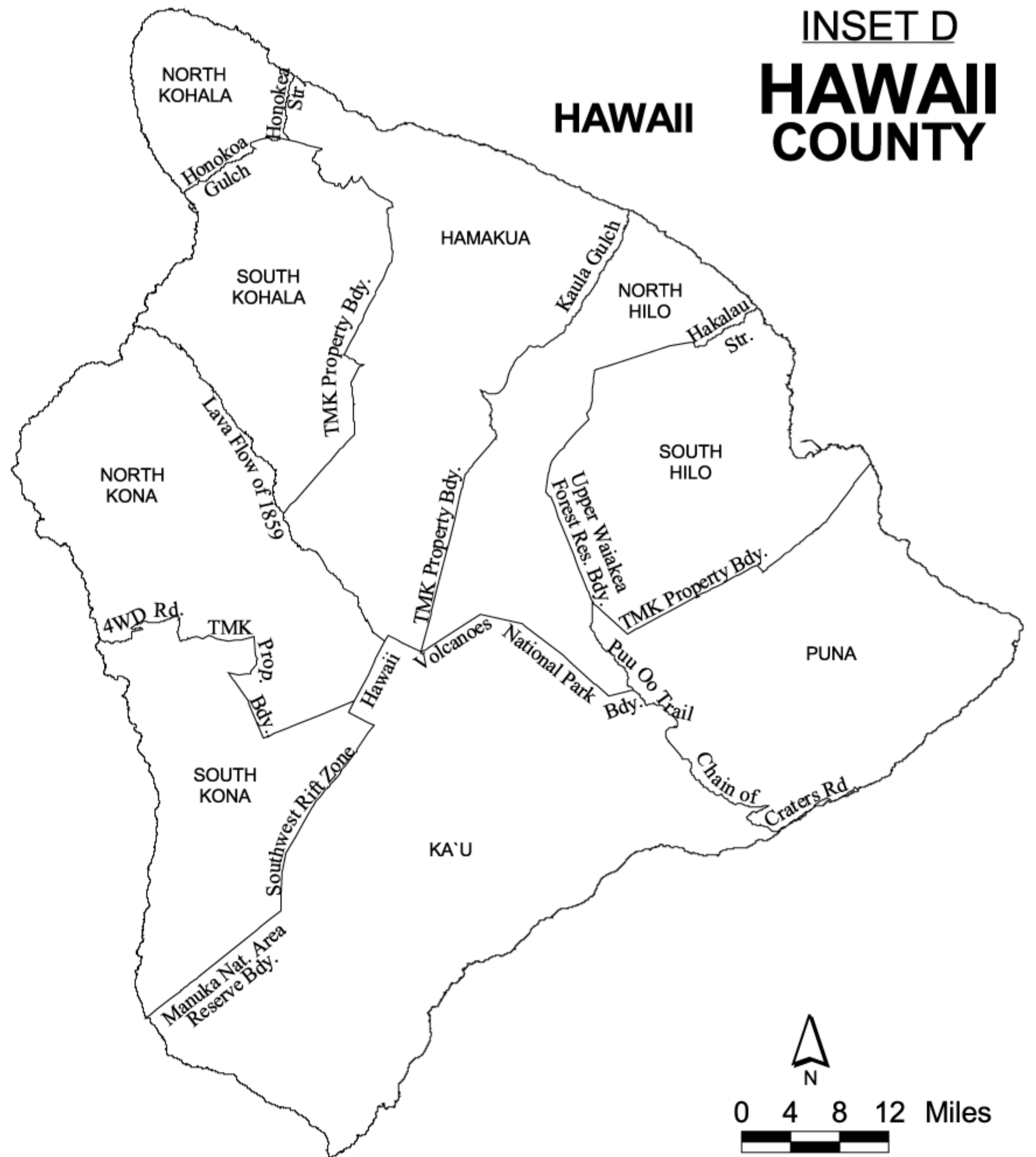


**MAUI**

**KAHOOLAWE**



**INSET D  
HAWAII  
COUNTY**



**HAWAII**



STATE OF HAWAII  
DEPARTMENT OF BUSINESS, ECONOMIC  
DEVELOPMENT & TOURISM

OFFICE OF PLANNING

# 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 former publication, *Statistical Abstract of the United States*, and described in *Bureau of the Census Manual of Tabular Presentation*, published by the Bureau in 1950. These principles have been accepted by the Department of Business, Economic Development & Tourism for use in its publications and recommended to all other state agencies for official use.

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

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

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

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

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

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

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

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

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

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

## Section 1

# POPULATION

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

The principal sources for these data are the decennial population censuses 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 2014**

[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	40,799	1,319,502	5/ 65,063	1,254,439
July 1	1,363,950	39,416	1,324,534	62,322	1,262,212
2011: July 1	1,378,251	39,827	1,338,424	59,849	1,278,575
2012: July 1	1,392,766	43,110	1,349,656	60,271	1,289,385
2013: July 1	1,408,987	46,176	1,362,811	60,490	1,302,321
2014: July 1	1,419,561	47,213	1,372,348	63,228	1,309,120

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 the previous year's *Data Book* or 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 reflect 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 2014 -- 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; "Table 1. Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2014" (NST-EST2014-01) (Dec. 23, 2014) <[http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=453955328710](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=453955328710)> accessed December 23, 2014; "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, 2014" (SC-EST2014-AGESEX-CIV) (June 25, 2015) <<http://www.census.gov/popest/data/datasets.html>> (June 25, 2015) accessed June 25, 2015, and records; U.S. Census Bureau, decennial censuses; and 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 2014**

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	1,363,950	73,217	1,468,682	177,949	1.077
2011: July 1	1,378,251	73,863	1,490,212	185,824	1.081
2012: July 1	1,392,766	75,985	1,518,048	201,267	1.090
2013: July 1	1,408,987	68,946	1,542,917	202,876	1.095
2014: July 1	1,419,561	65,525	1,559,469	205,433	1.099

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 23, 2014 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 2010 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 Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2014" (NST-EST2014-01) (December 23, 2014) <<http://www.census.gov/popest/data/state/totals/2014/tables/NST-EST2014-01.xls>> accessed December 23, 2014; 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 2014**

[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]

<b>Date</b>	<b>State total</b>	<b>City and County of Honolulu</b>	<b>Hawaii County</b>	<b>Kauai County</b>	<b>Maui County 1/</b>
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	1,363,950	956,336	185,325	67,217	155,072
2011: July 1	1,378,251	966,559	187,039	67,799	156,854
2012: July 1	1,392,766	976,746	188,946	68,553	158,521
2013: July 1	1,408,987	987,019	191,409	69,679	160,880
2014: July 1	1,419,561	991,788	194,190	70,475	163,108

1/ Including Kalawao County (Kalaupapa Settlement). Kalawao had 147 in 2000, 90 in 2010 and 89 in 2014.

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 March 2015 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 Estimates of the Resident Population: April 1, 2010 to July 1, 2014" (PEPANNRES) (released March 26, 2015)

<[http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=445486742893](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=445486742893)> accessed March 26, 2015.

**Table 1.07 -- PERCENTAGE CHANGE IN RESIDENT POPULATION,  
BY COUNTY: 2000 TO 2014**

[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/	1.3	1.4	0.9	1.1	1.1
2011	1.0	1.1	0.9	0.9	1.1
2012	1.1	1.1	1.0	1.1	1.1
2013	1.2	1.1	1.3	1.6	1.5
2014	0.8	0.5	1.5	1.1	1.4
Annual growth rate:					
2005-2010	1.1	0.8	2.0	1.3	1.6
2000-2010	1.2	0.9	2.2	1.4	1.9
2010-2014	1.0	0.9	1.2	1.2	1.3

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 March 2015 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 Estimates of the Resident Population: April 1, 2010 to July 1, 2014" (PEPANNRES) (released March 26, 2015)

<[http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=445486742893](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=445486742893)> accessed March 26, 2015.

**Table 1.08 -- COUNTY POPULATION AS A SHARE OF THE STATE  
TOTAL: 2000 TO 2014**

[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]

<b>Date</b>	<b>City and County of Honolulu</b>	<b>Hawaii County</b>	<b>Kauai County</b>	<b>Maui County 1/</b>
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
2013: July 1 3/	70.1	13.6	4.9	11.4
2014: July 1 3/	69.9	13.7	5.0	11.5

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 March 2015 and may differ somewhat from earlier figures cited in other tables.

Source: U.S. Census 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 Estimates of the Resident Population: April 1, 2010 to July 1, 2014" (PEPANNRES) (released March 26, 2015)

<[http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=445486742893](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=445486742893)> accessed March 26, 2015.

**Table 1.09-- DE FACTO POPULATION, BY COUNTY: 1990 TO 2014**

[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, 2014]

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	1,468,682	988,106	202,668	83,524	194,384
2011: July 1	1,490,212	1,000,733	205,676	85,108	198,695
2012: July 1	1,518,048	1,019,530	209,280	87,163	202,075
2013: July 1	1,542,917	1,033,388	212,635	89,621	207,273
2014: July 1	1,559,469	1,041,721	216,173	90,525	211,050

1/ Maui County including Kalawao County. The 2014 de facto population of Kalawao County, which is the Kalaupapa Settlement on Molokai, was 89.

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, 2014" (PEPANNRES) (March 2015) <<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed March 26, 2015; 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	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]

<b>Island and 2010 place</b>	<b>Population</b>	<b>Households</b>	<b>Average household size</b>	<b>Families</b>	<b>Average family size</b>
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
Kealahou	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	Households	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.**

<b>Island and 2010 place</b>	<b>Population</b>	<b>House- holds</b>	<b>Average household size</b>	<b>Families</b>	<b>Average family size</b>
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.**

<b>Island and 2010 place</b>	<b>Population</b>	<b>Households</b>	<b>Average household size</b>	<b>Families</b>	<b>Average family size</b>
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.**

<b>Island and 2010 place</b>	<b>Population</b>	<b>House- holds</b>	<b>Average household size</b>	<b>Families</b>	<b>Average family size</b>
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 2014**

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

Comparison 1/	Resident population, 2014	Ranking		
		Population 2/		Percent change, 2010- 2014 3/
		2010	2014	
State of Hawaii				
Among the 50 States and D.C.	1,419,561	40	40	12
Among the 50 States	1,419,561	40	40	11
Urban Honolulu MSA 4/				
Among all MSAs 5/	991,788	54	54	124
Kahului-Wailuku-Lahaina MSA 6/				
Among all MSAs 5/	163,108	257	252	77
City and County of Honolulu 7/				
Among all counties	991,788	43	46	463
Among all incorporated places 8/	991,788	10	11	326
Urban Honolulu CDP 9/				
Among incorporated places 8/	350,399	53	55	340
Hawaii County 10/	194,190	334	335	352
Kalawao County 10/	89	11/ 3,141	11/ 3,141	1,931
Kauai County 10/	70,475	782	762	341
Maui County 10/	163,019	402	391	306
Hilo Micropolitan 12/	194,190	3	2	29
Kapaa Micropolitan 12/	70,475	109	100	26

Continued on next page.

**Table 1.14-- POPULATION AND PERCENTAGE CHANGE  
RANKINGS: 2010 AND 2014 -- 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 the 2010 Census and reflect changes to the April 1, 2010 population due to the Count Question Resolution program and geographic program revisions.

3/ Ranking of the area in regard to 2010-2014 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.

5/ Metropolitan Statistical Areas (MSAs) contains a core urban area of 50,000 or more population. There were 381 metropolitan statistical areas in 2014.

6/ The Kahului-Wailuku-Lahaina MSA consists of Maui County and Kalawao County.

7/ The City and County of Honolulu consists of Oahu and the Northwestern Hawaiian Islands (except Midway). There were 3,142 U.S. counties in 2014.

8/ Among all 749 incorporated places with over 50,000 population in 2014.

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 3,142 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 2014, Kalawao County again had the second lowest county population in the United States, with Loving Texas having the lowest population.

12/ 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 2014.

Source: U.S. Census Bureau, Population Division <<http://www.census.gov/popest/data/index.html>> accessed through May 21, 2015.

# 2000 NEIGHBORHOOD AREAS

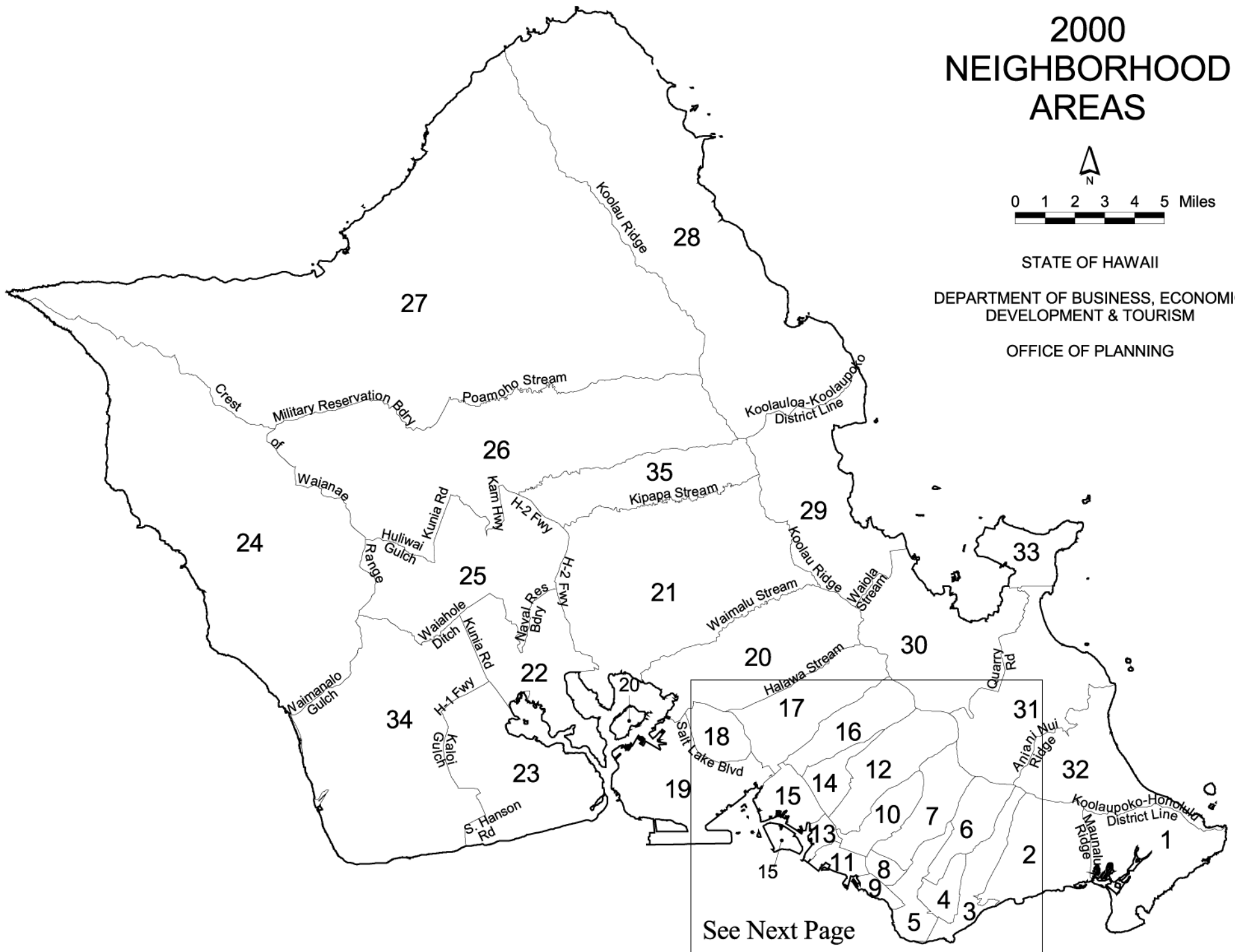


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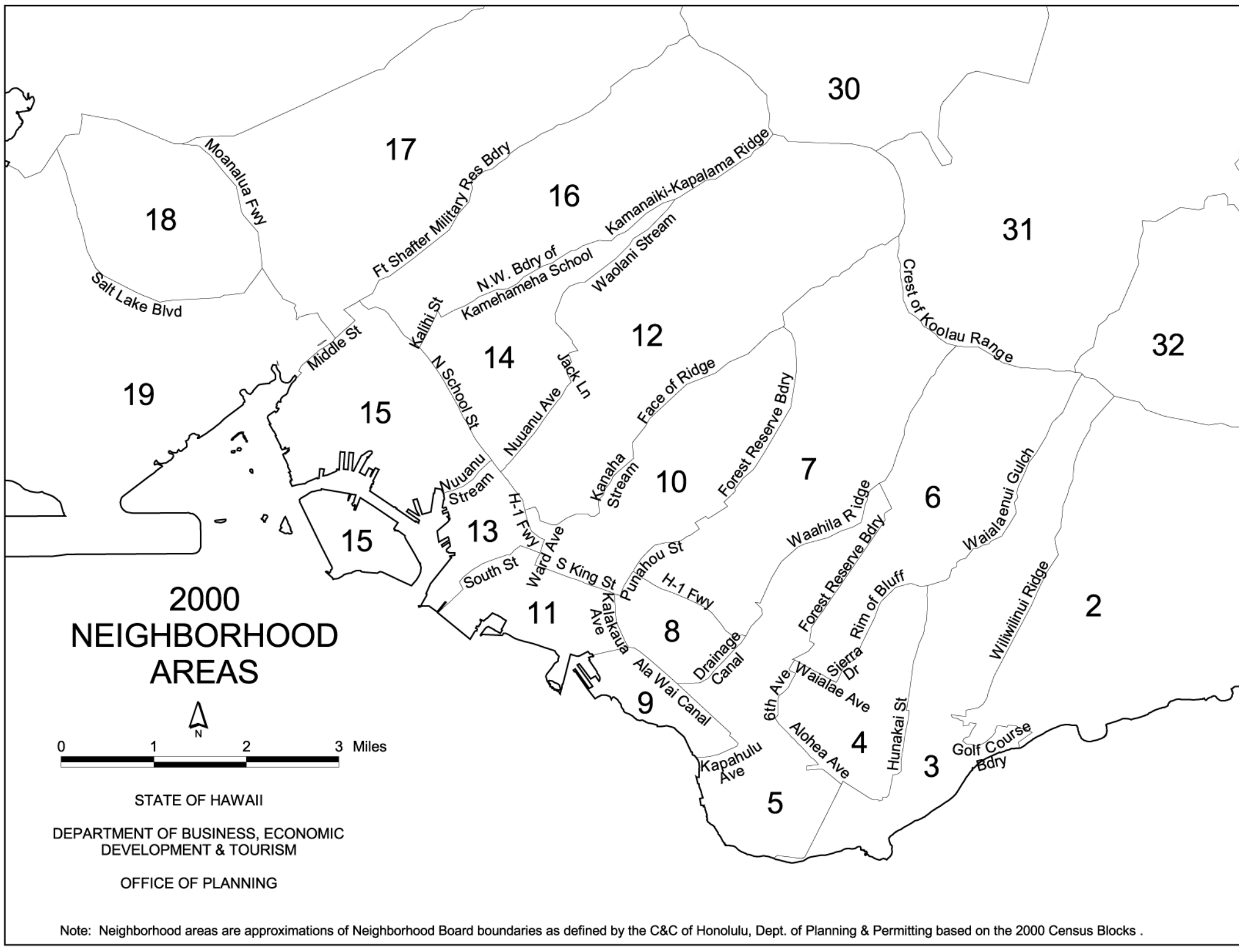
STATE OF HAWAII

DEPARTMENT OF BUSINESS, ECONOMIC  
DEVELOPMENT & TOURISM

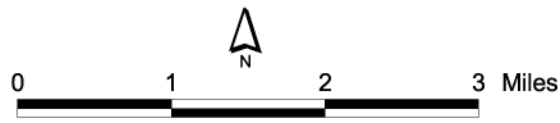
OFFICE OF PLANNING



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



# 2000 NEIGHBORHOOD AREAS



STATE OF HAWAII

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

OFFICE OF PLANNING

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

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

<b>Neighborhood Area (see maps) 1/</b>	<b>Resident popula- tion 2/</b>	<b>Median age</b>	<b>House- holds</b>	<b>Average household size</b>	<b>Average family size</b>
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.**

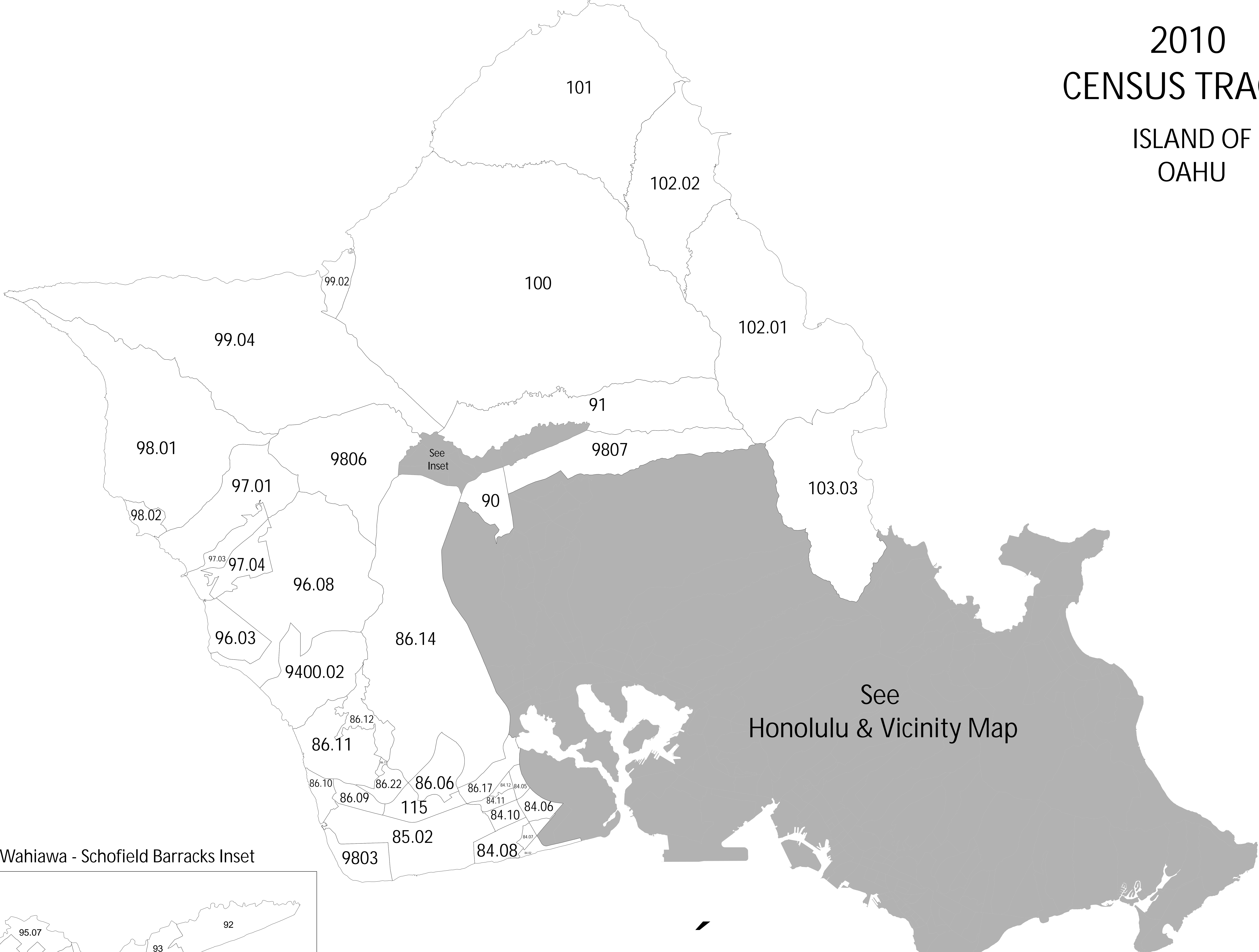
1/ Data in this table pertain to neighborhood areas whose boundaries are very close but do not match exactly to the neighborhood board boundaries. Neighborhood area boundaries for 2000 may not be the same as boundaries for 1990.

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://honolulu.dpp.org/planning/demographics2/2000/NA/general.pdf>> accessed July 3, 2007.

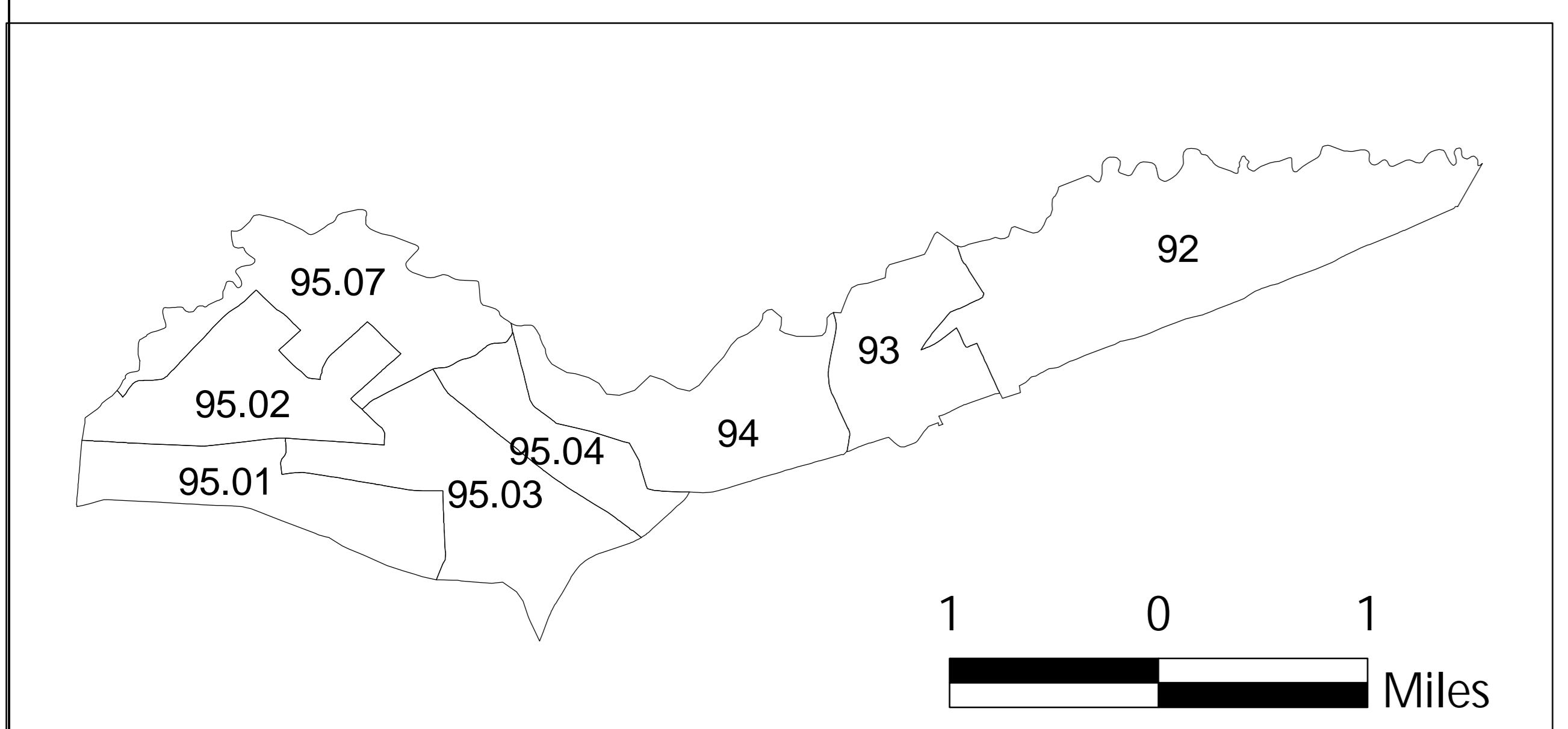
# 2010 CENSUS TRACTS ISLAND OF OAHU



See  
Honolulu & Vicinity Map

See  
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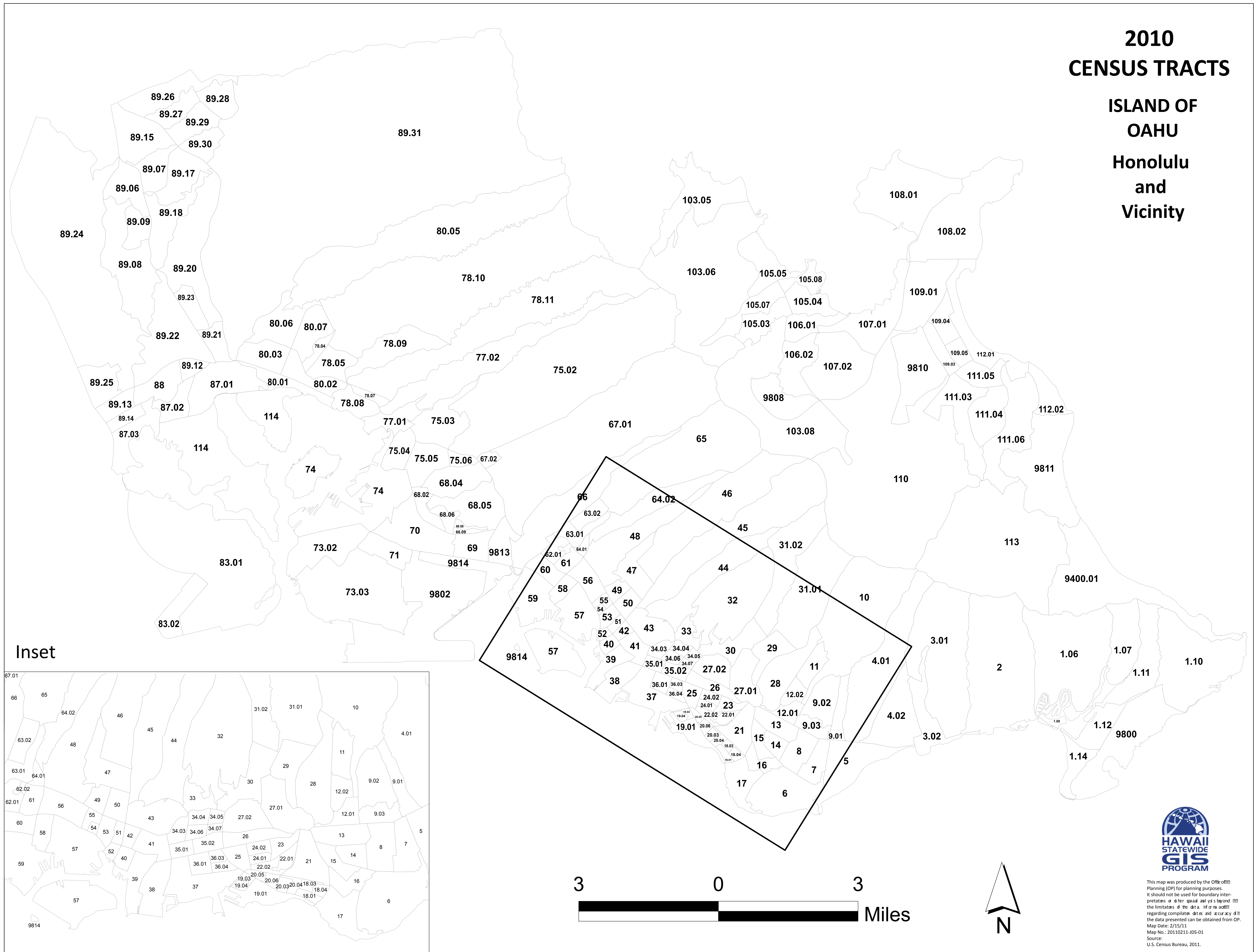
Wahiawa - Schofield Barracks Inset



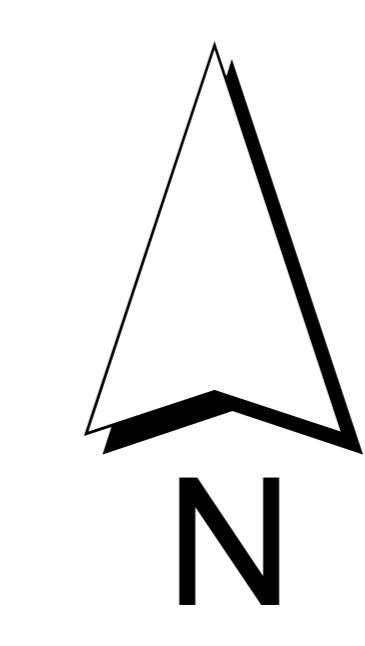
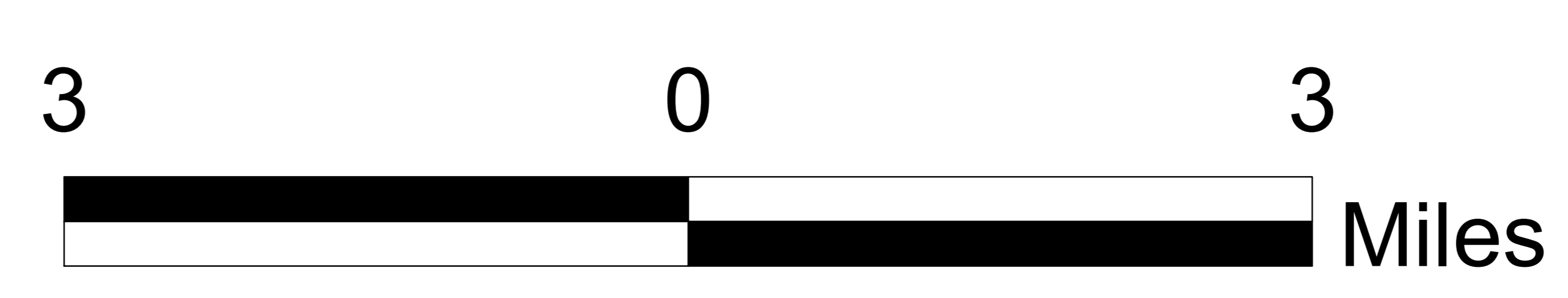


# 2010 CENSUS TRACTS

## ISLAND OF OAHU Honolulu and Vicinity

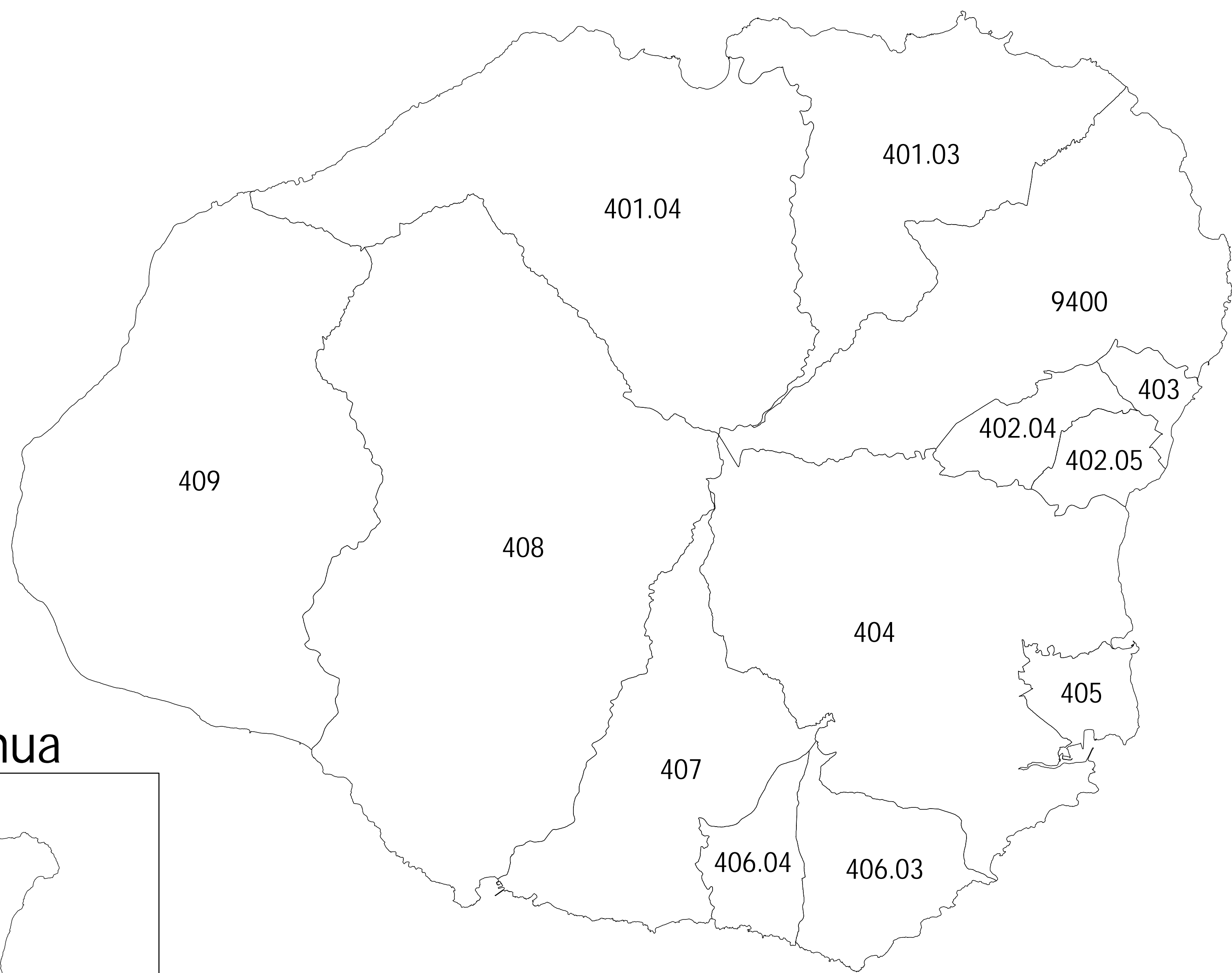


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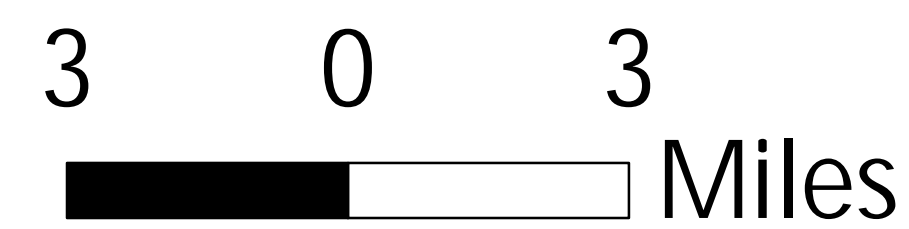
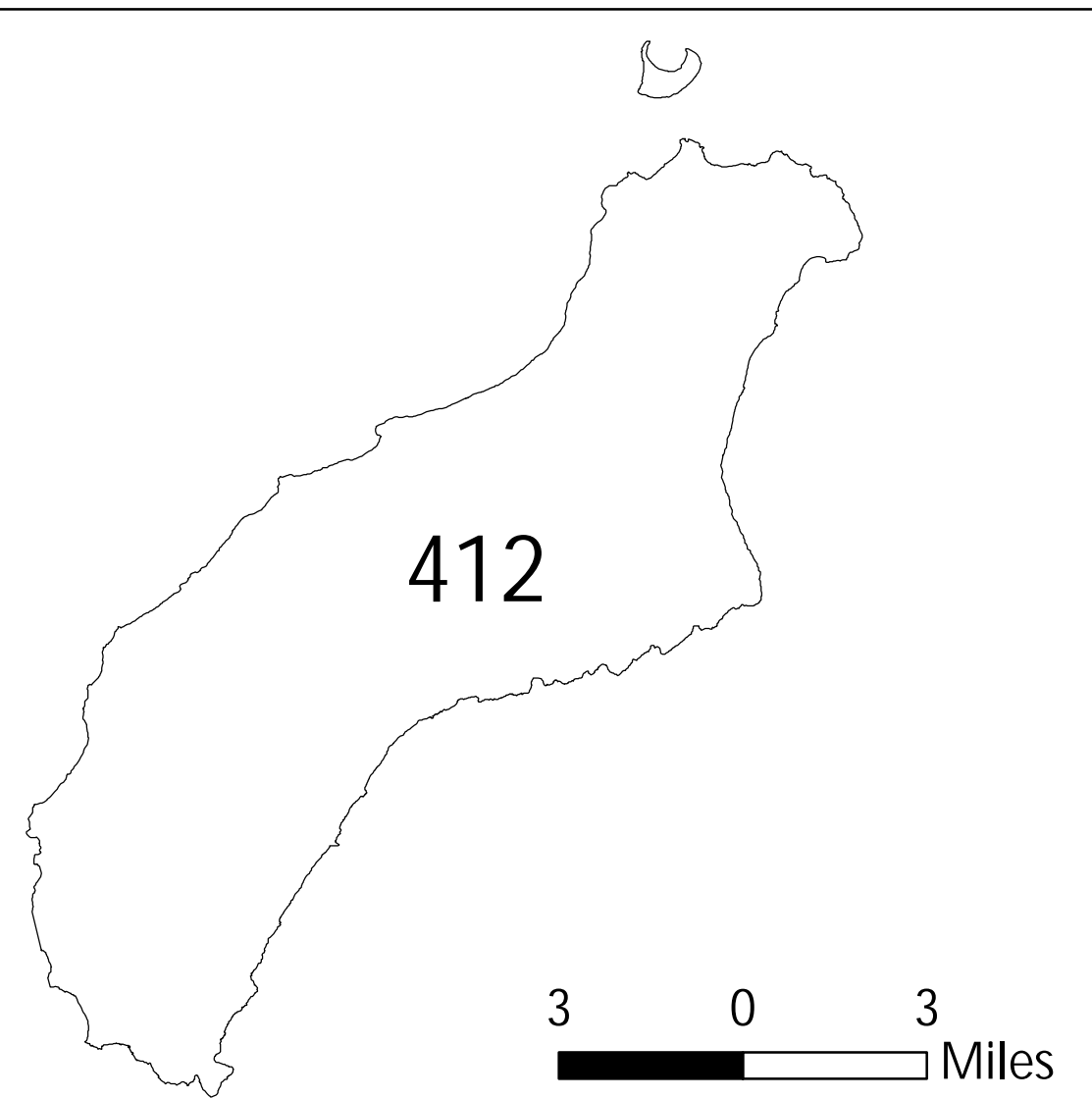


This map was produced by the Office of Planning (OP) for planning purposes. It should not be used for boundary interpretations or other spatial analysis beyond the limitations of the data. If you are regarding compilation dates and accuracy of the data presented can be obtained from OP.  
Map Date: 2/15/11  
Map No.: 20110211-JDS-01  
Source: U.S. Census Bureau, 2011.

# Island of Kauai

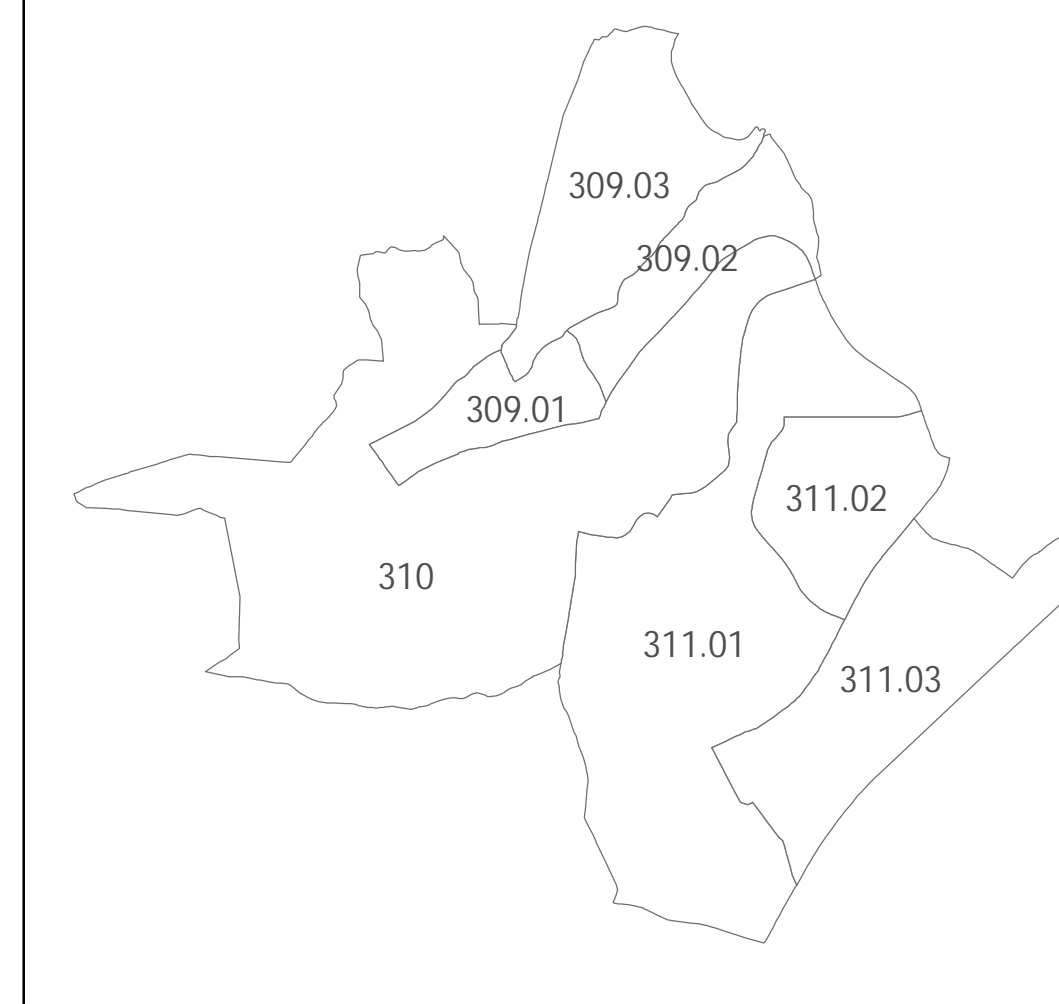
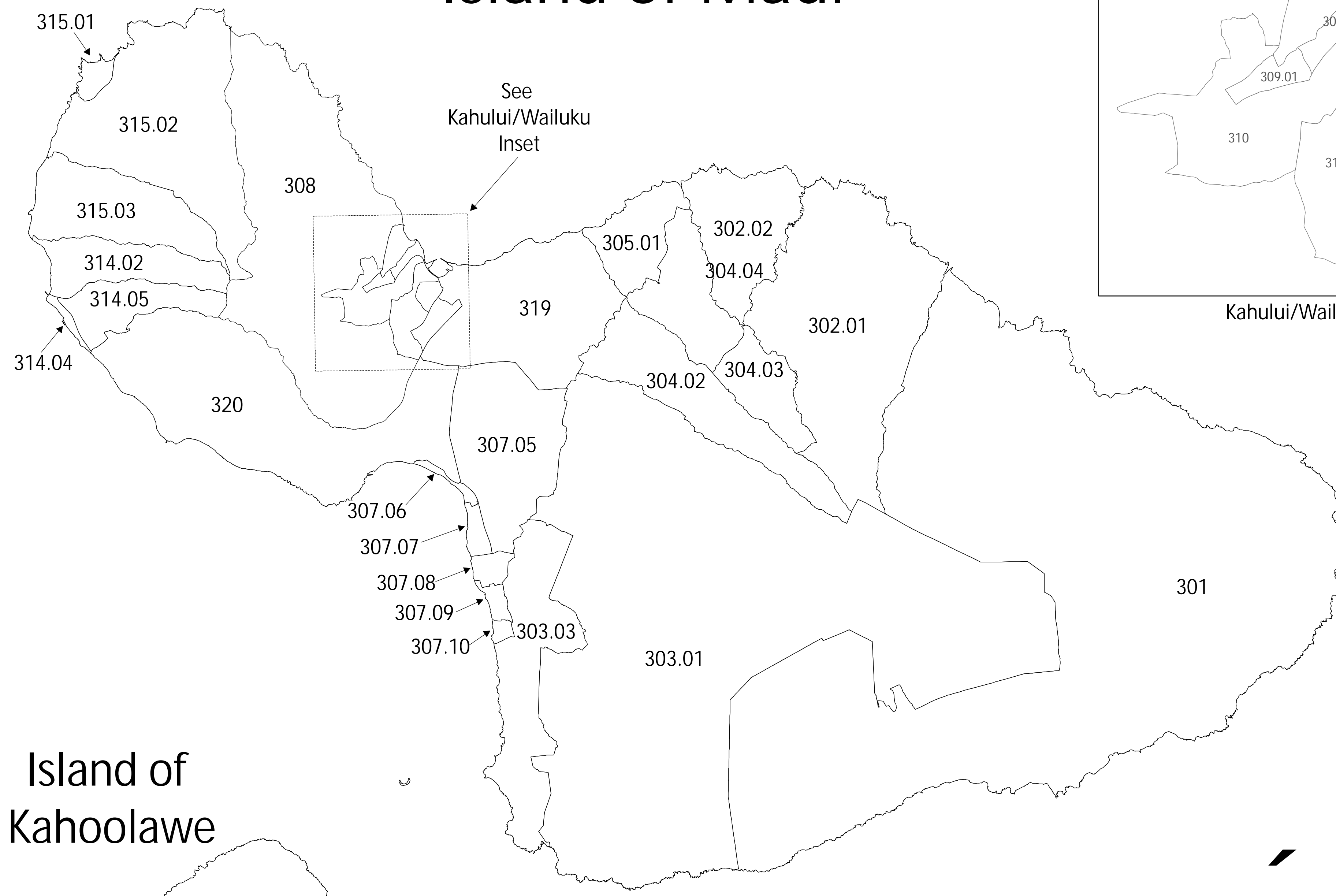


## Islands of Niihau & Lehua



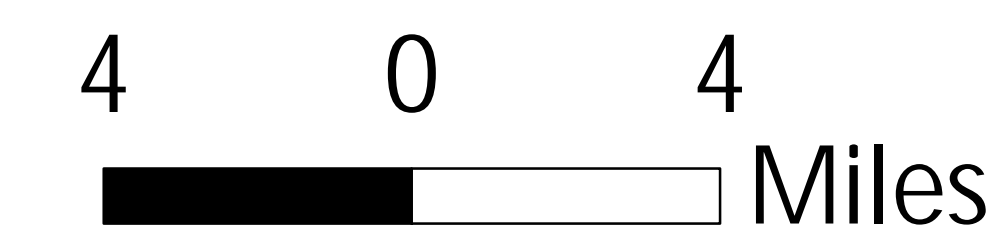
Note: Census Tract 412 includes the island of Kaula (not shown).

# Island of Maui

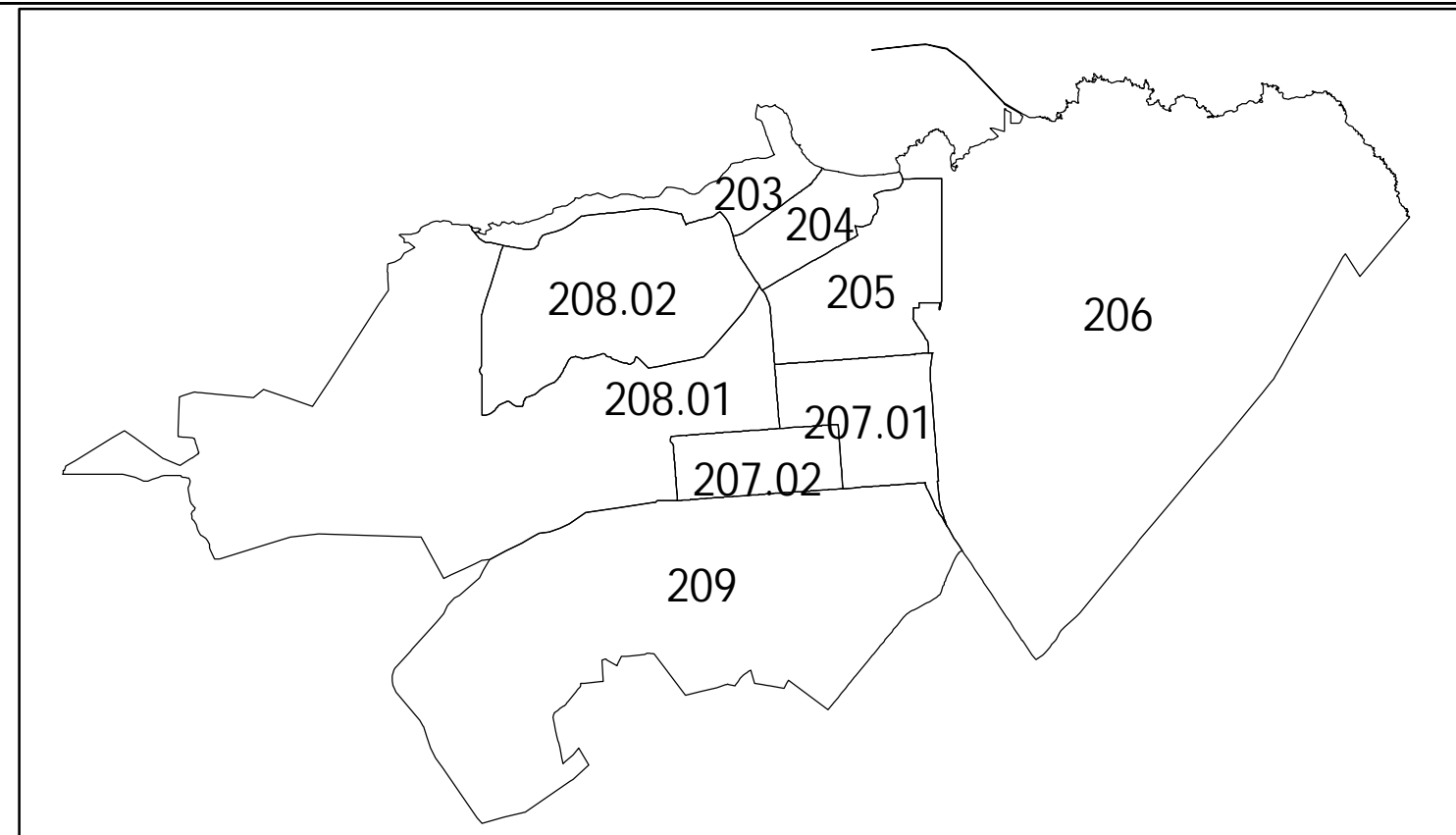
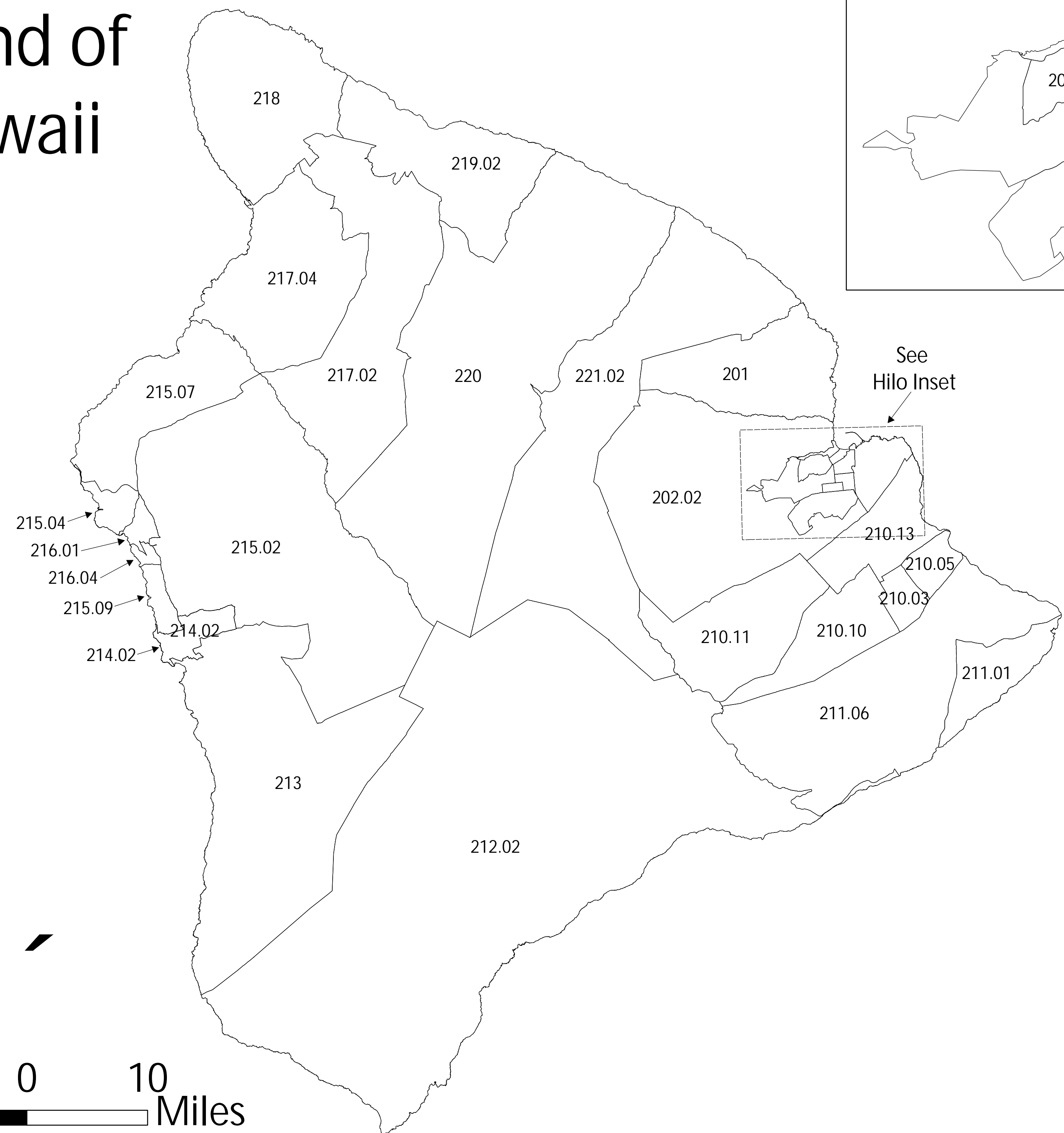


Kahului/Wailuku Inset

## Island of Kahoolawe

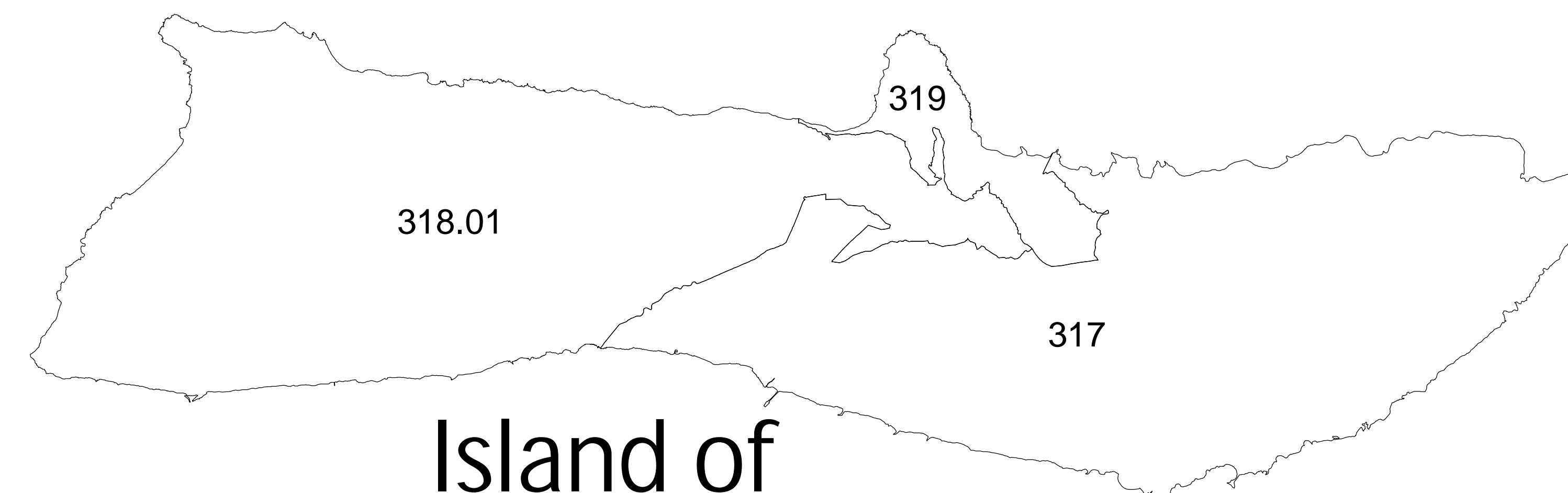
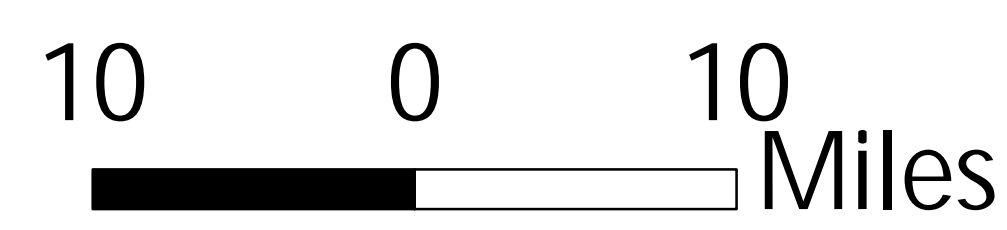


# Island of Hawaii



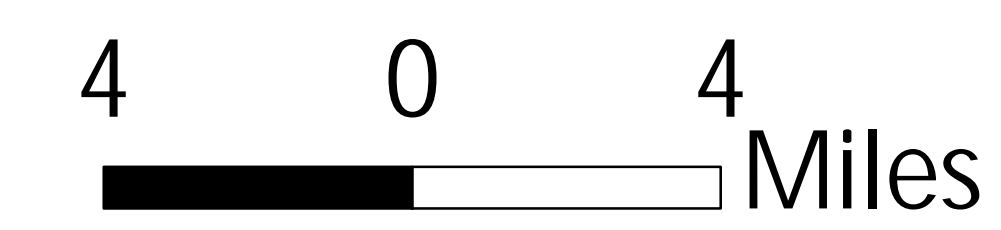
Hilo Inset

See Hilo Inset



## Island of Molokai

## Island of Lanai



### 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.



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

<b>Island and 2010 census tract</b>	<b>Name</b>	<b>Resident population</b>	<b>Households</b>
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.**

<b>Island and 2010 census tract</b>	<b>Name</b>	<b>Resident population</b>	<b>Households</b>
Oahu (con.)			
22.01	Kamoku Street-Iolani School	3,684	1,660
22.02	Ala Wai Park-Lauiki Street	3,400	1,677
23	Moiiliili	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.**

<b>Island and 2010 census tract</b>	<b>Name</b>	<b>Resident population</b>	<b>Households</b>
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 Liliko'i	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	Wai'au Townhouses	5,136	1,685

Continued on next page.

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

<b>Island and 2010 census tract</b>	<b>Name</b>	<b>Resident population</b>	<b>Households</b>
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 Waiiau	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.**

<b>Island and 2010 census tract</b>	<b>Name</b>	<b>Resident population</b>	<b>Households</b>
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.**

<b>Island and 2010 census tract</b>	<b>Name</b>	<b>Resident population</b>	<b>Households</b>
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.**

<b>Island and 2010 census tract</b>	<b>Name</b>	<b>Resident population</b>	<b>Households</b>
Northwestern Hawaiian Islands 9812	Northwestern Hawaiian Islands	-	-
Hawaii		185,079	67,096
201	Pauka'a-Wailea	5,213	1,911
202.02	Hilo: Upper Waiakea Forest Reserve	2,568	640
203	Hilo: Pu'u'eo-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-Pana'ewa	5,391	1,729
207.01	Hilo: Puainako	4,507	1,745
207.02	Hilo: Kawaiiani	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	Kea'au	4,970	1,665
211.01	Kalapana-Kapoho	3,531	1,644
211.06	Pahoa	7,529	2,723
212.02	Ka'u	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-Pu'u Anahulu	9,540	3,273
217.04	Kawaihae-Waikoloa	8,087	3,062
218	North Kohala	6,322	2,242
219.02	Honoka'a-Kukuihaele	3,925	1,317
220	Pa'auhau-Pa'auilo	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.**

<b>Island and 2010 census tract</b>	<b>Name</b>	<b>Resident population</b>	<b>Households</b>
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.**

<b>Island and 2010 census tract</b>	<b>Name</b>	<b>Resident population</b>	<b>Households</b>
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**

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

Continued on next page.

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

<b>Island and Hawaiian Home Lands</b>	<b>Total</b>	<b>Island and Hawaiian Home Lands</b>	<b>Total</b>
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	Zip code tabulation area	Name 1/	Resident population
State total		1,360,301	Maui (con.)		
Hawaii			96753	Kihei	26,892
96704	Captain Cook	6,505	96761	Lahaina Main Office	22,156
96710	Hakalau	613	96768	Makawao	17,668
96719	Hawi	1,692	96779	Paia	3,088
96720	Hilo (Main Office)	46,165	96790	Kula	8,065
96725	Holualoa	3,592	96793	Wailuku	29,549
96726	Honaunau	661			
96727	Honokaa	4,878	Lanai		
96728	Honomu	610	96763	Lanai City	3,135
96737	Ocean View	4,552			
96738	Waikoloa	6,609	Molokai		
96740	Kailua-Kona	33,321	96729	Hoolehua	1,303
96743	Kamuela	12,160	96742	Kalaupapa	90
96749	Keaau	17,047	96748	Kaunakakai	4,503
96750	Kealahou	3,793	96757	Kualapuu	758
96755	Kapaau	3,575	96770	Maunaloa	691
96760	Kurtistown	3,001			
96764	Laupahoehoe	799	Oahu		
96771	Mountain View	8,339	96701	Aiea	40,281
96772	Naalehu	2,304	96706	Ewa Beach	62,730
96773	Ninole	210	96707	Kapolei	38,817
96774	Ookala	342	96712	Haleiwa	7,352
96776	Paauilo	1,490	96717	Hauula	5,555
96777	Pahala	1,479	96730	Kaawa	1,541
96778	Pahoa	14,409	96731	Kahuku	3,292
96780	Papaaloa	557	96734	Kailua	50,746
96781	Papaikou	1,670	96744	Kaneohe	54,247
96783	Pepeekeo	2,060	96759	Kunia	457
96785	Volcano	2,646	96762	Laie	6,419
Maui			96782	Pearl City	40,496
96708	Haiku	10,220	96786	Wahiawa	40,859
96713	Hana	1,990	96789	Mililani	54,129
96732	Kahului	24,816	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	Waiialae 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	Kaunakani	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](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/ Temporarily absent 3/	13,124 176	17,384 174	19,768 327	19,720 763	23,073 1,242	25,254.9 417.8	25,193.6 974.8	29,814.5 1,604.7
De facto population 4/ Visitors present 3/	34,874 21,926	63,710 46,500	95,979 76,538	(NA) 73,751	96,859 75,028	122,619.6 97,782.4	(NA) 94,221.8	125,159.6 96,949.8
Employed persons 5/ Living in Waikiki Working in Waikiki	7,866 (NA)	9,593 30,011	11,065 (NA)	9,898 (NA)	6/ 12,466 26,085	14,136.3 (NA)	12,645.4 (NA)	16,108.3 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]

<b>Geography and subject 1/</b>	<b>State total</b>	<b>Honolulu</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui 2/</b>
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

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**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 included 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](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](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, 2014**

[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/	112,856	49,628	(NA)	(NA)	5,755	63,228	(NA)
Air Force 3/	12,611	5,688	(NA)	(NA)	-	2/ 6,923	(NA)
Oahu	12,611	5,688	(NA)	(NA)	-	2/ 6,923	(NA)
Maui	(NA)	(NA)	(NA)	(NA)	-	(NA)	(NA)
Army 4/	52,616	19,537	13,315	6,222	-	33,079	(NA)
Oahu 4/	52,594	19,529	13,307	6,222	-	33,065	(NA)
Hawaii 4/	22	8	8	-	-	14	(NA)
Coast Guard 2/	3,695	1,699	1,542	79	78	1,996	(NA)
Oahu	3,523	1,629	1,481	70	78	1,894	(NA)
Hawaii	56	22	22	-	-	34	(NA)
Maui	68	32	24	6	-	36	(NA)
Kauai	54	26	26	-	-	28	(NA)
Marine Corps	13,089	7,847	2,067	5,780	-	5,242	2,503
Oahu	13,086	7,845	2,065	5,780	-	5,241	2,502
Hawaii	2	1	1	-	-	1	1
Maui	1	1	1	-	-	-	-
Navy	5/ 30,845	6/ 14,857	6/ 10,035	6/ 3,383	6/ 5,677	5/ 15,988	6,713
Oahu	5/ 30,671	6/ 14,768	6/ 9,957	6/ 3,372	6/ 5,677	5/ 15,903	6,667
Kauai	5/ 174	6/ 89	6/ 78	6/ 11	6/ -	5/ 85	46

NA Not available.

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

2/ All figures are estimated. Totals and subtotals may not be the sum of the individual components.

3/ As of June 30, 2014. Total Air Force figures do not include Maui island figures. Since Maui numbers are very small compared to Oahu, Oahu figures are used for the total Air Force figures.

4/ As of April 30, 2014. In housing units, in barracks and dependent figures are estimated.

5/ Estimated. Some dependents and families of military personnel receiving housing entitlements may be living in another state.

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. Total navy military personnel and the total living aboard ship figures were obtained from The Bureau of Naval Personnel as of June 26, 2014.

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 BY  
ACCOMPANIMENT STATUS: 2014**

[Estimates. Data for Oahu military personnel only]

<b>Service</b>	<b>Permanent party personnel 1/</b>	<b>Military families</b>	<b>Military couples 2/</b>	<b>Unaccompanied 3/</b>
Total	49,124	26,318	(NA)	21,958
Air Force	4,506	2,812	(NA)	1,694
Army	21,770	12,195	502	9,073
Coast Guard	1,195	685	34	476
Marine Corps	9,658	4,597	312	4,749
Navy	11,995	6,029	(NA)	5,966

NA Not available.

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 1.26-- 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 (%)						
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](http://hawaii.gov/dbedt/info/economic/data_reports/2040-long-range-forecast)> accessed April 17, 2012.

**Table 1.27-- 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](http://hawaii.gov/dbedt/info/economic/data_reports/2040-long-range-forecast)> accessed April 17, 2012.



**Table 1.28-- 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](http://hawaii.gov/dbedt/info/economic/data_reports/2040-long-range-forecast)> accessed April 17, 2012.

**Table 1.29-- 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 1.30-- RESIDENT POPULATION, BY AGE AND SEX:  
2010 AND 2014**

[Includes military personnel stationed or homeported in Hawaii and residents temporarily absent; excludes visitors present. The 2014 estimates are provisional]

Age group	April 1, 2010 1/			July 1, 2014		
	Both sexes	Male	Female	Both sexes	Male	Female
Total	1,360,301	681,243	679,058	1,419,561	718,099	701,462
Under 5 years	87,407	45,019	42,388	91,480	46,708	44,772
5 to 9 years	83,361	42,847	40,514	86,283	44,407	41,876
10 to 14 years	81,539	41,699	39,840	82,805	42,628	40,177
15 to 19 years	85,994	44,590	41,404	80,091	41,368	38,723
20 to 24 years	95,829	51,981	43,848	105,912	59,814	46,098
25 to 29 years	97,302	50,683	46,619	109,819	60,206	49,613
30 to 34 years	88,031	44,921	43,110	101,377	53,168	48,209
35 to 39 years	86,756	43,994	42,762	88,980	46,421	42,559
40 to 44 years	89,617	45,253	44,364	86,672	44,162	42,510
45 to 49 years	95,787	48,213	47,574	86,027	43,017	43,010
50 to 54 years	97,978	48,831	49,147	92,172	45,873	46,299
55 to 59 years	93,340	46,148	47,192	92,713	45,690	47,023
60 to 64 years	82,222	40,879	41,343	87,076	42,601	44,475
65 to 69 years	59,170	28,849	30,321	74,606	36,473	38,133
70 to 74 years	41,353	19,140	22,213	52,091	24,765	27,326
75 to 79 years	34,675	14,940	19,735	35,584	15,800	19,784
80 to 84 years	29,702	11,904	17,798	28,982	11,751	17,231
85 and over	30,238	11,352	18,886	36,891	13,247	23,644
5 to 17	216,411	110,993	105,418	216,964	111,393	105,571
18 to 24	130,312	70,124	60,188	138,127	76,824	61,303
25 to 44	361,706	184,851	176,855	386,848	203,957	182,891
45 to 64	369,327	184,071	185,256	357,988	177,181	180,807
16 years and over	1,091,079	543,085	547,994	1,142,882	576,172	566,710
18 years and over	1,056,483	525,231	531,252	1,111,117	559,998	551,119
21 years and over	1,003,512	497,216	506,296	1,060,184	532,481	527,703
65 years and over	195,138	86,185	108,953	228,154	102,036	126,118
85 years and over	30,238	11,352	18,886	36,891	13,247	23,644
Median age	38.6	37.2	39.9	37.9	36.1	39.8

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, "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, 2014 - Hawaii" (PEPAGESEX) (June 2015)

<[http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=453438084944](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=453438084944)> accessed June 25, 2015

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, 2014" (PEPSYASEX) (June 2015)

<[http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=453438084944](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=453438084944)> accessed June 25, 2015;

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

**Table 1.31-- POPULATION ESTIMATES BY AGE AND MILITARY STATUS:  
2010 AND 2014**

[Total includes military personnel stationed or homeported in Hawaii and residents temporarily absent; excludes visitors present. The 2010 and 2014 estimates are provisional]

Age group	April 1, 2010 1/			July 1, 2014		
	Total	Military personnel	Civilian 2/	Total	Military personnel	Civilian 2/
Total	1,360,301	40,799	1,319,502	1,419,561	47,213	1,372,348
Under 5 years	87,407	-	87,407	91,480	-	91,480
5 to 9 years	83,361	-	83,361	86,283	-	86,283
10 to 14 years	81,539	-	81,539	82,805	-	82,805
15 to 19 years	85,994	1,542	84,452	80,091	1,603	78,488
20 to 24 years	95,829	12,367	83,462	105,912	13,996	91,916
25 to 29 years	97,302	10,430	86,872	109,819	12,064	97,755
30 to 34 years	88,031	6,261	81,770	101,377	8,028	93,349
35 to 39 years	86,756	5,088	81,668	88,980	5,731	83,249
40 to 44 years	89,617	3,178	86,439	86,672	3,493	83,179
45 to 49 years	95,787	1,402	94,385	86,027	1,657	84,370
50 to 54 years	97,978	422	97,556	92,172	497	91,675
55 to 59 years	93,340	89	93,251	92,713	126	92,587
60 to 64 years	82,222	20	82,202	87,076	18	87,058
65 to 69 years	59,170	-	59,170	74,606	-	74,606
70 to 74 years	41,353	-	41,353	52,091	-	52,091
75 to 79 years	34,675	-	34,675	35,584	-	35,584
80 to 84 years	29,702	-	29,702	28,982	-	28,982
85 and over	30,238	-	30,238	36,891	-	36,891
5 to 17	216,411	1	216,410	216,964	-	216,964
18 to 24	130,312	13,908	116,404	138,127	15,599	122,528
25 to 44	361,706	24,957	336,749	386,848	29,316	357,532
45 to 64	369,327	1,933	367,394	357,988	2,298	355,690
16 years and over	1,091,079	40,799	1,050,280	1,142,882	47,213	1,095,669
18 years and over	1,056,483	40,798	1,015,685	1,111,117	47,213	1,063,904
21 years and over	1,003,512	37,254	966,258	1,060,184	43,366	1,016,818
65 years and over	195,138	-	195,138	228,154	-	228,154
85 years and over	30,238	-	30,238	36,891	-	36,891
Median age	38.6	27.8	39.4	37.9	28.2	38.8

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.

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, 2014" (PEPSYASEX) (June 2015) <[http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=445486742893](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=445486742893)> accessed June 25, 2015 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, 2014" (SC-EST2014-AGESEX-CIV) (June 2015) <<http://www.census.gov/popest/data/state/asrh/2014/index.html>> accessed June 25, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 1.32-- RESIDENT POPULATION BY SELECTED AGE GROUPS,  
BY COUNTY: 2014**

[As of July 1. Includes military personnel stationed or homeported in Hawaii and residents temporarily absent; excludes visitors present. The 2014 estimates are provisional]

<b>Age group</b>	<b>State total</b>	<b>City and County of Honolulu</b>	<b>Hawaii County</b>	<b>Kauai County</b>	<b>Maui County 1/</b>
Total persons	1,419,561	991,788	194,190	70,475	163,108
Under 5	91,480	64,904	12,007	4,489	10,080
5 to 13	152,637	105,032	21,369	7,916	18,320
14 to 17	64,327	43,649	9,374	3,317	7,987
18 to 24	138,127	104,566	15,872	5,257	12,432
16 years and over	1,142,882	799,597	156,117	56,437	130,731
18 years and over	1,111,117	778,203	151,440	54,753	126,721
15 to 44	572,851	416,346	69,537	25,163	61,805
25 to 44	386,848	279,375	46,653	17,411	43,409
45 to 64	357,988	237,130	54,880	19,806	46,172
65 years and over	228,154	157,132	34,035	12,279	24,708
85 years and over	36,891	27,311	4,433	1,862	3,285
Under 18 years	308,444	213,585	42,750	15,722	36,387
18 to 64 years	882,963	621,071	117,405	42,474	102,013
65 years and over	228,154	157,132	34,035	12,279	24,708
Percent:					
Under 18 years	21.7	21.5	22.0	22.3	22.3
18 to 64 years	62.2	62.6	60.5	60.3	62.5
65 years and over	16.1	15.8	17.5	17.4	15.1
Dependency ratio 2/	61	60	65	66	60

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 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, 2014" (PEPAGESEX) (June 2015)

<[http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=453438084944](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=453438084944)> accessed June 25, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 1.33-- 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 1.34-- RESIDENT POPULATION BY AGE, BY COUNTY: 2014**

[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 2014 estimates are provisional]

Age group	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County 1/
Total	1,419,561	991,788	194,190	70,475	163,108
Under 5 years	91,480	64,904	12,007	4,489	10,080
5 to 9 years	86,283	59,362	12,193	4,435	10,293
10 to 14 years	82,805	56,914	11,538	4,303	10,050
15 to 19 years	80,091	55,409	11,403	3,918	9,361
20 to 24 years	105,912	81,562	11,481	3,834	9,035
25 to 29 years	109,819	82,638	12,266	4,296	10,619
30 to 34 years	101,377	73,085	12,328	4,613	11,351
35 to 39 years	88,980	62,715	11,185	4,223	10,857
40 to 44 years	86,672	60,937	10,874	4,279	10,582
45 to 49 years	86,027	59,772	11,033	4,331	10,891
50 to 54 years	92,172	62,251	12,905	4,944	12,072
55 to 59 years	92,713	60,284	15,184	5,247	11,998
60 to 64 years	87,076	54,823	15,758	5,284	11,211
65 to 69 years	74,606	48,584	12,641	4,361	9,020
70 to 74 years	52,091	35,104	8,127	2,871	5,989
75 to 79 years	35,584	25,055	4,989	1,802	3,738
80 to 84 years	28,982	21,078	3,845	1,383	2,676
85 years or more	36,891	27,311	4,433	1,862	3,285
5 to 19	249,179	171,685	35,134	12,656	29,704
20 to 24	105,912	81,562	11,481	3,834	9,035
25 to 44	386,848	279,375	46,653	17,411	43,409
45 to 64	357,988	237,130	54,880	19,806	46,172
65 years and over	228,154	157,132	34,035	12,279	24,708
85 years and over	36,891	27,311	4,433	1,862	3,285
Median age	37.9	36.7	41.3	41.4	2/ 39.9

1/ Maui County includes Kalawao County.

2/ DBEDT calculation.

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, 2014" (PEPAGESEX) (June 2015)

<[http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=453438084944](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=453438084944)> accessed June 25, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 1.35-- 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 1.36-- RACE AND HISPANIC ORIGIN, BY COUNTY: 2010**

<b>Race and Hispanic origin</b>	<b>State total</b>	<b>City and County of Honolulu</b>	<b>Hawaii County</b>	<b>Kauai County</b>	<b>Maui County 1/</b>
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 1.37-- RANKING OF SELECTED RACES: 2010**

<b>Race</b>	<b>Race alone 1/</b>	<b>Race</b>	<b>Race alone or in combination 2/</b>
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 1.37-- 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 1.38-- DIFFERENCE IN POPULATION BY SELECTED  
DETAILED ASIAN RACE: 2000 AND 2010**

Subject	2000 Census		2010 Census		Difference between 2000 and 2010			
	Race alone 1/	Race alone or in combination 2/	Race alone 1/	Race alone or in combination 2/	Race alone		Race alone or in combination	
					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 1.39-- 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 1/	Race alone or in combina- tion 2/	Race alone 1/	Race alone or in combina- tion 2/	Race alone		Race alone or in combination	
					Numer- ical differ- ence	Per- cent differ- ence	Numer- ical differ- ence	Per- cent differ- ence
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
Samoaan	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 1.40-- ETHNIC STOCK BY COUNTY: 2012**

[Sample survey consisted of 11,904 people. Data were weighted based on the 2010 Census data]

<b>Ethnic stock 1/</b>	<b>State total</b>	<b>City and County of Honolulu</b>	<b>Hawaii County</b>	<b>Kauai County</b>	<b>Maui County</b>
All groups	1,392,313	976,444	189,206	68,438	158,224
Unmixed (except Hawaiian)	717,503	509,948	90,640	36,956	79,960
Caucasian	258,484	143,896	54,191	17,792	42,607
Black	4,906	(2/)	(2/)	(2/)	(2/)
Japanese	241,007	207,065	16,528	5,945	11,469
Chinese	47,378	45,182	348	476	1,372
Filipino	145,398	92,091	17,956	12,662	22,689
Korean	12,004	11,076	(2/)	(2/)	495
Samoan/Tongan	8,327	(2/)	(2/)	(2/)	(2/)
Mixed (except Hawaiian) 3/	351,587	254,806	48,385	14,601	33,794
Hawaiian/part Hawaiian	323,223	211,690	50,181	16,881	44,471

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/ Total sample size for the group was less than 50 or the county had a cell with zero sampled so data was suppressed.

3/ Includes other ethnicities not listed, don't know, refused or missing (57,800). 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 1.41-- 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 1.42-- SELECTED ANCESTRY: 2009-2013**

[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. Figures displayed are the average values over the 5-year period of 2009 to 2013]

Ancestry group 1/	Number	Percent of total population
Total	2/ 1,376,298	(3/)
German	86,142	6.3
Irish	65,649	4.8
English	54,274	3.9
Portuguese	53,800	3.9
Italian	28,717	2.1
French (except Basque)	22,012	1.6
American	17,291	1.3
Scottish	15,653	1.1
Polish	12,956	0.9
European	10,483	0.8
Norwegian	10,121	0.7
Swedish	9,810	0.7
Dutch	9,291	0.7
Scotch-Irish	6,890	0.5
Russian	5,649	0.4
Welsh	4,341	0.3
Danish	4,121	0.3
British	3,505	0.3
Swiss	3,117	0.2
Hungarian	2,924	0.2
French Canadian	2,839	0.2
Czech	2,652	0.2
Arab:	2,300	0.2
Subsaharan African	2,242	0.2
Scandinavian	2,180	0.2
West Indian (except Hispanic groups)	2,166	0.2
Greek	2,102	0.2

1/ Ancestry groups containing 2,000 or more people.

2/ People were allowed to choose more than one ancestry. The total population count for the State of Hawaii was 1,376,298 persons. From this group, there were a total of 1,597,361 ancestry responses.

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

Source: U.S. Census Bureau, 2009-2013 American Community Survey 5-Year Estimates, B04006 <<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed December 5, 2014; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.



**Table 1.43-- PLACE OF BIRTH AND CITIZENSHIP: 2009-2013**

[Based on a sample and subject to sampling variability. Figures displayed are the average values over the 5-year period of 2009 to 2013]

Place of birth and citizenship	Number	Percent
Total population	1,376,298	100.0
Native	1,129,563	82.1
Born in Hawaii	750,445	54.5
Born in other state in the U.S.	339,766	24.7
Northeast	53,281	3.9
Midwest	64,666	4.7
South	79,086	5.7
West	142,733	10.4
Born outside United States	39,352	2.9
Puerto Rico	1,903	0.1
U.S. Island Areas	11,323	0.8
Born abroad of American parent(s)	26,126	1.9
Foreign born	246,735	17.9
Naturalized U.S. citizen	139,956	10.2
Not a U.S. citizen	106,779	7.8
18 years and over	1,071,394	100.0
Native	839,595	78.4
Foreign born	231,799	21.6
Naturalized U.S. citizen	135,860	12.7
Not a U.S. citizen	95,939	9.0

Source: U.S. Census Bureau, 2009-2013 American Community Survey 5-Year Estimates, Tables B05002 and B05003 <<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed December 5, 2014; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 1.44-- LANGUAGE SPOKEN AT HOME BY ABILITY TO SPEAK ENGLISH, BY AGE: 2009-2013**

[Persons 5 years old and over. The 2009-2013 ACS 5-year dataset that was used describes the average characteristics of people living in Hawaii between the years 2009 and 2013. 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	1,287,075	215,681	867,475	203,919
Speak English only	960,182	175,698	642,747	141,737
Spanish	25,491	3,576	20,273	1,642
Speak English "very well"	18,480	2,981	14,261	1,238
Speak English "well"	5,372	479	4,629	264
Speak English less than "well"	1,639	116	1,383	140
Other Indo-European 1/	19,537	1,941	14,543	3,053
Speak English "very well"	15,682	1,405	12,065	2,212
Speak English "well"	3,152	461	2,059	632
Speak English less than "well"	703	75	419	209
Asian and Pacific Island	279,961	34,320	188,327	57,314
Speak English "very well"	131,825	22,965	89,739	19,121
Speak English "well"	89,638	8,847	63,730	17,061
Speak English less than "well"	58,498	2,508	34,858	21,132
Other	1,904	146	1,585	173
Speak English "very well"	1,409	48	1,279	82
Speak English "well"	296	57	189	50
Speak English less than "well"	199	41	117	41

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, 2009-2013 American Community Survey 5-Year Estimates, B16004 <<http://factfinder2.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>> accessed December 5, 2014 and American Community Survey Puerto Rico Survey 2013 Subject Definitions; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 1.45-- LANGUAGE SPOKEN AT HOME, BY COUNTY: 2009-2013**

[Persons 5 years old and over. The 2009-2013 ACS 5-year dataset that was used describes the average characteristics of people living in Hawaii between the years 2009 and 2013. Based on a sample and subject to sampling variability]

Language spoken at home 1/	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County 2/
Total	1,287,075	901,756	175,188	63,474	146,657
Speak only English	960,182	651,239	142,456	50,194	116,293
Spanish or Spanish Creole	25,491	16,981	4,441	1,319	2,750
French (incl. Patois, Cajun)	4,450	2,778	625	306	741
French Creole	348	296	-	52	-
Italian	655	419	15	131	90
Portuguese or Portuguese Creole	1,915	1,260	250	26	379
German	4,615	3,065	720	339	491
Yiddish	39	3	34	2	-
Other West Germanic languages	550	270	236	5	39
Scandinavian languages	813	452	101	13	247
Greek	192	118	15	14	45
Russian	1,169	644	377	65	83
Polish	513	281	159	65	8
Serbo-Croatian	187	156	13	18	-
Other Slavic languages	623	379	93	74	77
Armenian	82	26	56	-	-
Persian	476	347	50	13	66
Gujarati	57	12	45	-	-
Hindi	410	329	-	43	38
Urdu	45	41	4	-	-
Other Indic languages	430	361	-	3	66
Other Indo-European languages	1,968	1,211	361	195	201
Chinese	31,537	29,933	463	310	831
Japanese	45,633	38,561	4,094	972	2,006
Korean	17,276	16,018	614	281	363
Mon-Khmer, Cambodian	274	163	74	-	37
Hmong	23	23	-	-	-
Thai	1,920	1,503	192	96	129
Laotian	2,279	2,247	-	-	32
Vietnamese	9,418	8,867	196	48	307
Other Asian languages	769	740	25	-	4
Tagalog	58,345	45,163	4,395	2,668	6,119
Other Pacific Island languages	112,487	76,391	14,946	6,172	14,978
Navajo	13	13	-	-	-
Other Native North American languages	220	161	42	9	8

Continued on next page.

**Table 1.45-- LANGUAGE SPOKEN AT HOME, BY COUNTY: 2009-2013 -- Con.**

Language spoken at home 1/	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County 2/
Hungarian	139	68	29	29	13
Arabic	446	364	-	8	74
Hebrew	290	235	32	-	23
African languages	594	544	8	4	38
Other and unspecified languages	202	94	27	-	81

1/ All data based on samples include a range of uncertainty. Margin of errors may be utilized regarding this uncertainty for the estimates in the above table and are available from the data source. Also, methodological changes to data collection in 2013 may have affected language data for 2013. Users should be aware of these changes when using multi-year data such as this one which contains data from 2013.

2/ Maui County includes Kalawao County.

Source: U.S. Census Bureau, 2009-2013 American Community Survey 5-Year Estimates, B16001  
 <<http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed December 5, 2014.

**Table 1.46-- LANGUAGE SPOKEN AT HOME, BY EDUCATIONAL ATTAINMENT AND EMPLOYMENT STATUS: 2009-2013**

[Persons 25 years old and over. The 2009-2013 ACS 5-year dataset that was used describes the average characteristics of people living in Hawaii between the years 2009 and 2013. 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	680,132	18,161	15,851	222,426	1,647
Educational attainment					
Less than high school graduate	39,903	2,456	835	46,649	152
High school graduate 1/	192,905	3,531	2,589	64,267	372
Some college/associate's degree	228,777	6,633	4,916	61,266	474
Bachelor's degree or higher	218,547	5,541	7,511	50,244	649
Employment status					
In labor force	460,591	13,405	9,728	142,430	1,216
Not in labor force	219,541	4,756	6,123	79,996	431
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	5.9	13.5	5.3	21.0	9.2
High school graduate 1/	28.4	19.4	16.3	28.9	22.6
Some college/associate's degree	33.6	36.5	31.0	27.5	28.8
Bachelor's degree or higher	32.1	30.5	47.4	22.6	39.4
Employment status	100.0	100.0	100.0	100.0	100.0
In labor force	67.7	73.8	61.4	64.0	73.8
Not in labor force	32.3	26.2	38.6	36.0	26.2

1/ Includes equivalency.

Source: U.S. Census Bureau, 2009-2013 American Community Survey 5-Year Estimates, B16010 <<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed December 5, 2014; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 1.47-- RANKING OF SELECTED DETAILED LANGUAGE  
SPOKEN AT HOME: 2009-2013**

[Persons 5 years old and over. The 2009-2013 5-year dataset that was used describes the average characteristics of people living in Hawaii between the years 2009 and 2013. Based on a sample and subject to sampling variability]

<b>Language spoken at home 1/</b>	<b>Total</b>	<b>Speak English "very well"</b>	<b>Speak English less than "very well"</b>
Total	1,287,075	(X)	(X)
Spoke only English at home	960,182	(X)	(X)
Spoke a language other than English at home	327,331	170,655	156,676
Other Pacific Island languages	112,487	57,069	55,418
Tagalog	58,345	28,198	30,147
Japanese	45,633	24,371	21,262
Chinese	31,537	11,527	20,010
Spanish or Spanish Creole	25,491	18,480	7,011
Korean	17,276	5,563	11,713
Vietnamese	9,418	2,732	6,686
German	4,615	3,792	823
French (incl. Patois, Cajun)	4,450	3,699	751
Laotian	2,279	817	1,462
Other Indo-European languages	1,968	1,732	236
Thai	1,920	875	1,045
Portuguese or Portuguese Creole	1,915	1,593	322
Russian	1,169	822	347
Scandinavian languages	813	653	160
Other Asian languages	769	431	338
Italian	655	549	106
Other Slavic languages	623	538	85
African languages	594	371	223
Other West Germanic languages	550	526	24
Polish	513	349	164
Persian	476	377	99
Arabic	446	365	81
Other Indic languages	430	291	139
Hindi	410	239	171
French Creole	348	92	256
Hebrew	290	246	44
Mon-Khmer, Cambodian	274	226	48
Other Native North			
American languages	220	110	110
Other and unspecified languages	202	192	10

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**Table 1.47-- RANKING OF SELECTED DETAILED LANGUAGE  
SPOKEN AT HOME: 2009-2013 -- Con.**

Language spoken at home 1/	Total	Speak English "very well"	Speak English less than "very well"
Spoke a language other than English at home (con):			
Greek	192	91	101
Serbo-Croatian	187	156	31
Hungarian	139	112	27
Armenian	82	66	16
Gujarati	57	45	12
Urdu	45	33	12
Yiddish	39	39	-
Hmong	23	16	7
Navajo	13	13	-

X Not applicable.

1/ All data based on samples include a range of uncertainty. Margin of errors may be utilized regarding this uncertainty for the estimates in the above table and are available from the data source. Also, methodological changes to data collection in 2013 may have affected language data for 2013. Users should be aware of these changes when using multi-year data such as this one which contains data from 2013.

Source: U.S. Census Bureau, 2009-2013 American Community Survey 5-Year Estimates, B16001 <<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed December 5, 2014; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 1.48-- 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 1.49-- 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, Hawaii*, 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 1.50-- HOUSEHOLDS AND HOUSEHOLD POPULATIONS:  
2000 TO 2013**

[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]

<b>Date</b>	<b>Households</b>	<b>Population in households</b>	<b>Average household size</b>
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	445,812	1,320,741	2.96
2011	448,536	1,331,912	2.97
2012	447,748	1,348,497	3.01
2013	450,120	1,360,772	3.02

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 18, 2014.

**Table 1.51-- 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 1.52-- 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 1.53-- 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 1.53-- 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 1.54 -- SUBFAMILIES, BY COUNTY: 2009-2013**

[Population in subfamilies. Based on a sample and subject to sampling variability. Figures displayed are the average values over the 5-year period of 2009 to 2013]

<b>Subject 1/</b>	<b>State total 2/</b>	<b>City and County of Honolulu</b>	<b>Hawaii County</b>	<b>Kauai County</b>	<b>Maui County</b>
Total	114,449	82,217	13,727	5,867	12,638
In married-couple subfamilies	66,575	49,546	7,399	2,681	6,949
Husband/wife in a childless subfamily	23,871	17,844	2,460	1,378	2,189
Husband/wife in a subfamily with children	22,863	16,715	2,775	767	2,606
Child	19,841	14,987	2,164	536	2,154
In mother-child subfamilies	36,878	25,593	4,374	2,200	4,711
Parent	15,383	10,367	1,976	884	2,156
Child	21,495	15,226	2,398	1,316	2,555
In father-child subfamilies	10,996	7,078	1,954	986	978
Parent	4,844	3,022	927	415	480
Child	6,152	4,056	1,027	571	498

1/ A subfamily is a married couple (husband and wife interviewed 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, 2009-2013 American Community Survey 5-Year Estimates, B11014 <<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed January 2, 2015.

**Table 1.55-- MARITAL STATUS, BY SEX: 2009-2013**

[Persons 15 years old and over. Based on a sample and subject to sampling variability.  
Figures displayed are the average values over the 5-year period of 2009 to 2013]

Marital status	Total		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
Total	1,121,525	100.0	560,477	100.0	561,048	100.0
Never married	368,977	32.9	208,714	37.2	160,263	28.6
Now married	578,954	51.6	291,205	52.0	287,749	51.3
Married, spouse present	509,977	45.5	257,454	45.9	252,523	45.0
Married, spouse absent	68,977	6.2	33,751	6.0	35,226	6.3
Separated	16,524	1.5	7,652	1.4	8,872	1.6
Other	52,453	4.7	26,099	4.7	26,354	4.7
Widowed	68,122	6.1	13,147	2.3	54,975	9.8
Divorced	105,472	9.4	47,411	8.5	58,061	10.3

Source: U.S. Census Bureau, 2009-2013 American Community Survey 5-Year Estimates, B12001  
<<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed January 2, 2015; and  
calculations by the Hawaii State Department of Business, Economic Development & Tourism.



**Table 1.56--SINGLE, WIDOWED, OR DIVORCED PERSONS BY SEX,  
BY COUNTY: 2009-2013**

[Persons 15 years old and over. Based on a sample and subject to sampling variability.  
Figures displayed are the average values over the 5-year period of 2009 to 2013]

County	Never married, widowed, or divorced				Never married			
	Total	Male	Female	Sex ratio	Total	Male	Female	Sex ratio
State total	542,571	269,272	273,299	98.5	368,977	208,714	160,263	130.2
C & C Honolulu	379,218	188,922	190,296	99.3	262,997	149,505	113,492	131.7
Hawaii	76,626	37,331	39,295	95.0	49,774	27,602	22,172	124.5
Kauai	25,972	12,881	13,091	98.4	16,613	9,275	7,338	126.4
Maui 1/	60,755	30,138	30,617	98.4	39,593	22,332	17,261	129.4

1/ Maui County including Kalawao County.

Source: U.S. Census Bureau, 2009-2013 American Community Survey 5-Year Estimates, B12001  
<<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed January 2, 2015;  
and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 1.57-- 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]

<b>Component</b>	<b>State total</b>	<b>Honolulu</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui 1/</b>
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](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 1.58-- COMPONENTS OF CHANGE IN THE RESIDENT POPULATION,  
BY COUNTY: 2010 TO 2014**

<b>Component</b>	<b>State total</b>	<b>Honolulu</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui 1/</b>
Resident population					
April 1, 2010 (estimates base) 2/	1,360,301	953,207	185,079	67,090	154,925
July 1, 2014 (estimate)	1,419,561	991,788	194,190	70,475	163,108
Net change 3/	59,260	38,581	9,111	3,385	8,183
Resident births	80,734	58,047	10,341	3,727	8,619
Resident deaths	45,388	31,518	6,618	2,448	4,804
Foreign migrants (net) 4/	35,968	28,350	3,087	1,659	2,872
Internal migrants (net) 5/	-11,057	-15,248	2,163	466	1,562

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 population 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 "Annual Estimates of the Resident Population: April 1, 2010 to July 1, 2014 (PEPANNRES)" and "Estimates of the Components of Resident Population Change: April 1, 2010 to July 1, 2014 (PEPTCOMP)" (released March 26, 2015)  
<[http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=448394057951](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=448394057951)>  
accessed March 26, 2015.

**Table 1.59-- COMPONENTS OF CHANGE IN THE RESIDENT POPULATION,  
BY MILITARY STATUS: 2010 TO 2013**

[Revised. 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	48,686	5,377	-4,573	47,882	14,733	100.0
Natural increase	29,652	-101	11,177	18,576	5,716	38.8
Live births	61,516	(X)	11,427	50,089	15,412	(X)
Deaths	31,864	101	250	31,513	9,696	(X)
Net mil. separations 2/	} 19,034	5,478	-15,750	29,306	9,017	61.2
Net migration 3/						

X Not applicable.

1/ April 1, 2010 to June 30, 2013.

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 1.60-- INTENDED DOMESTIC RESIDENTS TO HAWAII AND NEW INTERNATIONAL RESIDENTS ADMITTED TO HAWAII: 2001 TO 2014**

<b>Year</b>	<b>Total</b>	<b>Domestic</b>	<b>International 1/</b>
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
2013	46,809	40,583	6,226
2014	(NA)	41,815	(NA)

NA Not available.

1/ The international counts were the number of people admitted to Hawaii as legal permanent residents.

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 July 17, 2014.

**Table 1.61-- LEGAL PERMANENT RESIDENTS, BY COUNTRY OF BIRTH:  
2009 TO 2013**

[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	2009	2010	2011	2012	2013
All countries	6,929	7,037	7,296	6,764	6,226
Brazil	85	53	53	48	32
Canada	95	94	84	103	94
China, People's Republic	605	595	864	764	560
Hong Kong	41	40	39	23	29
Japan	534	392	493	486	429
Korea 1/	264	242	233	215	219
Mexico	66	71	53	74	66
Philippines	4,013	4,515	4,399	4,037	3,761
Samoa	46	38	60	40	35
Taiwan	53	47	46	39	42
Thailand	100	86	76	75	102
Tonga	61	42	51	39	33
Vietnam	213	146	158	152	151
Other countries	753	676	687	669	673

1/ In 2010, data withheld for North Korea to limit disclosure. For the year 2009 as well as the years 2011 through 2013, there were no legal permanent residents from North Korea.

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 June 16, 2014.

**Table 1.62-- PERSONS NATURALIZED, BY COUNTRY OF FORMER ALLEGIANCE: 1998 TO 2013**

[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
2013	3,494	168	205	216	1,790	51	137	927

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/yearbook-immigration-statistics>> accessed June 3, 2014.

**Table 1.63-- IN-MIGRATION SUMMARY, BY COUNTY: 2013**

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

<b>Movement status</b>	<b>State total 1/</b>	<b>City and County of Honolulu</b>	<b>Hawaii County</b>	<b>Kauai County</b>	<b>Maui County</b>
Total population	1,387,361	970,355	189,228	69,020	158,661
Same house (nonmovers)	1,177,733	813,498	170,111	58,292	135,744
Total movers into the area 2/	209,628	156,857	19,117	10,728	22,917
Movers within the U.S.	193,943	143,181	18,549	10,192	22,012
Movers within the same county	129,316	91,076	13,172	7,438	17,630
In-migrants from one county within the state to another county within the state	6,544	3,029	1,141	1,425	949
In-migrants from a different state	58,083	49,076	4,236	1,329	3,433
Abroad	15,685	13,676	568	536	905
In percent					
Same house (nonmovers)	84.9	83.8	89.9	84.5	85.6
Total movers into the area 2/	15.1	16.2	10.1	15.5	14.4
Movers within the U.S.	14.0	14.8	9.8	14.8	13.9
Movers within the same county	9.3	9.4	7.0	10.8	11.1
In-migrants from one county within the state to another county within the state	0.5	0.3	0.6	2.1	0.6
In-migrants from a different state	4.2	5.1	2.2	1.9	2.2
Abroad	1.1	1.4	0.3	0.8	0.6

1/ Kalawao County is included in the state total, but is not shown separately.

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

Source: U.S. Census Bureau, 2013 American Community Survey 1-Year Estimates, DP02: Selected Social Characteristics in the United States <<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed September 18, 2014.



**Table 1.64-- IN-MIGRATION SUMMARY, BY AGE: 2013**

[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	1,387,361	1,177,733	209,628	129,316	6,544	58,083	15,685
1-4	74,013	58,798	15,215	10,235	442	3,957	581
5-17	216,520	187,693	28,827	18,220	907	7,741	1,959
18-19	31,799	24,052	7,747	3,592	299	3,350	506
20-24	105,126	73,965	31,161	16,085	1,293	11,617	2,166
25-29	106,886	74,116	32,770	17,650	804	12,250	2,066
30-34	97,281	74,386	22,895	13,317	381	6,736	2,461
35-39	85,441	67,762	17,679	13,015	61	3,377	1,226
40-44	91,733	80,462	11,271	7,390	845	2,006	1,030
45-49	87,030	77,039	9,991	6,883	529	1,651	928
50-54	93,020	85,257	7,763	5,439	353	1,297	674
55-59	93,804	87,749	6,055	4,329	49	1,242	435
60-64	84,600	79,146	5,454	3,863	222	1,019	350
65-69	69,779	65,882	3,897	2,880	56	776	185
70-74	51,213	48,666	2,547	1,293	203	479	572
75+	99,116	92,760	6,356	5,125	100	585	546

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

Source: U.S. Census Bureau, 2013 American Community Survey 1-Year Estimates, B07001  
<<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed November 17, 2014; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 1.65-- SELECTED GENERAL CHARACTERISTICS OF DOMESTIC MIGRANTS AND NONMOVERS: 2013**

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

<b>Subject</b>	<b>Total</b>	<b>Nonmovers</b>	<b>In-migrants 1/</b>	<b>Out-migrants 2/</b>
In percent				
Gender (Population 1 year and over)				
Male	50.6	50.1	57.0	52.1
Female	49.4	49.9	43.0	47.9
Marital status (Population 15 years and over)				
Never married	33.3	31.3	41.5	37.7
Now married, except separated	50.1	51.6	50.2	50.8
Divorced or separated	10.8	10.8	7.2	10.0
Widowed	5.9	6.4	1.2	1.6
Educational attainment (Population 25 years and over)				
Less than high school graduate	9.0	9.1	1.7	3.9
High school graduate 3/	27.4	27.8	17.8	16.7
Some college or associate's degree	32.4	32.0	38.4	36.4
Bachelor's degree	20.8	20.8	27.1	29.3
Graduate or professional degree	10.4	10.3	15.0	13.5
Income of persons 4/ (Population 15 years and over)				
No income	13.0	12.6	10.4	13.3
With income	87.0	87.4	89.6	86.7
\$1 to \$9,999 or less	15.7	15.3	16.0	21.4
\$10,000 to \$14,999	7.8	7.7	8.7	7.9
\$15,000 to \$24,999	14.1	14.0	17.9	15.5
\$25,000 to \$34,999	11.4	11.7	10.4	11.2
\$35,000 to \$49,999	12.9	13.1	12.6	11.4
\$50,000 to \$64,999	9.3	9.4	9.8	5.9
\$65,000 to \$74,999	3.9	3.8	3.8	2.3
\$75,000 or more	11.9	12.4	10.4	11.0

Continued on next page.

**Table 1.65-- SELECTED GENERAL CHARACTERISTICS OF DOMESTIC MIGRANTS AND NONMOVERS: 2013 -- 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% of poverty level	10.9	10.0	12.8	13.3
100 to 149% of poverty level	6.8	6.5	8.0	8.8
At or above 150 % of poverty level	82.3	83.5	79.2	77.9
Tenure of householder in housing unit (Population 1 year & over in households)				
Owner-occupied	58.9	64.0	17.1	31.8
Renter-occupied	41.1	36.0	82.9	68.2
Population base for % categories above				
1 year and over	1,387,361	1,177,733	58,083	60,437
1 year and over for whom poverty status is determined	1,351,305	1,157,297	51,779	55,635
1 year and over in households	1,344,306	1,153,221	51,863	55,538
15 years and over	1,145,298	974,630	47,071	48,612
25 years and over	959,903	833,225	31,418	34,053

1/ Includes in-migrants to Hawaii coming from any of the 50 states and the District of Columbia.

2/ Includes out-migrants 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 2013 inflation-adjusted dollars).

Source: U.S. Census Bureau, 2013 American Community Survey 1-Year Estimates

<[http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=445486742893](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=445486742893)> accessed November 10, 2014; and calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

**Table 1.66- TOP DOMESTIC IN-MIGRATION STATES: 2013**

[Ranked by largest estimate. Population 1 year and over. State of residence in 2013 was Hawaii, but different state of residence in 2012. Data based on a sample]

Rank	State	Estimate	Margin of error 1/	% Estimate 2/	Margin of error for % 1/
	Total in-migrants 3/	58,083	+/-6,288	(X)	(X)
1	California	12,901	+/-2,561	22.2	+/-3.7
2	Texas	7,385	+/-2,400	12.7	+/-3.9
3	Washington	3,225	+/-1,294	5.6	+/-2.1
4	New York	2,987	+/-1,271	5.1	+/-2.1
5	Colorado	2,950	+/-1,176	5.1	+/-1.9
6	Florida	2,613	+/-975	4.5	+/-1.6
7	North Carolina	2,004	+/-845	3.5	+/-1.4
8	Georgia	1,867	+/-1,122	3.2	+/-1.9
9	Alaska	1,615	+/-1,368	2.8	+/-2.3
10	Nevada	1,439	+/-850	2.5	+/-1.4
11	Virginia	1,373	+/-697	2.4	+/-1.2
12	Illinois	1,318	+/-755	2.3	+/-1.3
13	Louisiana	1,209	+/-1,229	2.1	+/-2.1
14	Arizona	1,153	+/-746	2.0	+/-1.3
15	South Carolina	1,111	+/-830	1.9	+/-1.4
16	Missouri	1,032	+/-752	1.8	+/-1.3
17	Maine	1,030	+/-799	1.8	+/-1.4
18	Idaho	1,014	+/-638	1.7	+/-1.1
19	Maryland	974	+/-713	1.7	+/-1.2
20	Minnesota	911	+/-594	1.6	+/-1.0
21	Oregon	889	+/-440	1.5	+/-0.7
22	Oklahoma	742	+/-712	1.3	+/-1.2
23	Ohio	647	+/-376	1.1	+/-0.6
24	Alabama	593	+/-471	1.0	+/-0.8

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

Source: U. S. Census Bureau, 2013 American Community Survey 1-Year Estimates, "Table 1. State-to-State Migration Flows\*: 2013" <[http://www.census.gov/hhes/migration/files/acs/st-to-st/State\\_to\\_State\\_Migrations\\_Table\\_2013.xls](http://www.census.gov/hhes/migration/files/acs/st-to-st/State_to_State_Migrations_Table_2013.xls)> accessed October 14, 2014; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 1.67-- TOP DOMESTIC OUT-MIGRATION STATES: 2013**

[Ranked by largest estimate. Population 1 year and over. State of residence in 2012 was Hawaii, but different state of residence in 2013. Data based on a sample]

Rank	State	Estimate	Margin of error 1/	% Estimate 2/	Margin of error for % 1/
	Total out-migrants 3/	60,437	+/-6,639	(X)	(X)
1	California	13,610	+/-3,649	22.5	+/-5.5
2	Texas	5,694	+/-2,442	9.4	+/-3.9
3	Nevada	5,416	+/-2,116	9.0	+/-3.4
4	Washington	4,546	+/-1,590	7.5	+/-2.5
5	Virginia	3,842	+/-1,571	6.4	+/-2.5
6	Arizona	2,776	+/-1,195	4.6	+/-1.9
7	Oregon	2,404	+/-1,038	4.0	+/-1.7
8	Georgia	2,028	+/-1,467	3.4	+/-2.4
9	Illinois	1,418	+/-993	2.3	+/-1.6
10	Colorado	1,363	+/-673	2.3	+/-1.1
11	New York	1,034	+/-587	1.7	+/-1.0
12	North Carolina	1,016	+/-656	1.7	+/-1.1
13	Florida	1,009	+/-552	1.7	+/-0.9
14	Kentucky	995	+/-909	1.6	+/-1.5
15	Idaho	818	+/-641	1.4	+/-1.1
16	Maryland	813	+/-658	1.3	+/-1.1
17	Minnesota	787	+/-816	1.3	+/-1.3
18	Wisconsin	723	+/-691	1.2	+/-1.1
19	Tennessee	720	+/-491	1.2	+/-0.8
20	Alabama	718	+/-733	1.2	+/-1.2
21	Kansas	669	+/-583	1.1	+/-1.0
22	Utah	666	+/-545	1.1	+/-0.9
23	Oklahoma	649	+/-501	1.1	+/-0.8
24	Louisiana	646	+/-440	1.1	+/-0.7
25	Missouri	638	+/-519	1.1	+/-0.9

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 out-migrants from Hawaii leaving for any of the 50 states and the District of Columbia. Only states comprising of 1% or more of the total out-migrant population are listed in this table.

Source: U. S. Census Bureau, 2013 American Community Survey 1-Year Estimates, "Table 1. State-to-State Migration Flows\*: 2013" <[http://www.census.gov/hhes/migration/files/acs/st-to-st/State\\_to\\_State\\_Migrations\\_Table\\_2013.xls](http://www.census.gov/hhes/migration/files/acs/st-to-st/State_to_State_Migrations_Table_2013.xls)> accessed October 14, 2014; 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.

**Table**  
**Number**   **Table Name**

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

Narrative

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<a href="#">02.02</a>	Births and Deaths, by Military Status: 2009 to 2013
<a href="#">02.03</a>	Live Births, Standard Fetal Deaths, and Elective Abortions: 2000 to 2013
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**Table**  
**Number**   **Table Name**

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

<a href="#">02.29</a>	Number and Bed Capacity of State-Approved Civilian Facilities, by Type of Facility, by Island: December 2013
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**Table 2.01-- BIRTHS AND DEATHS: 2000 TO 2013**

[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
2012	18,920	10,062	13.6	7.2	374.9	10.0	4.9
2013	18,926	10,270	13.4	7.3	373.7	5.4	6.6

1/ Based on July 1 estimates by the U.S. Census Bureau, as revised through December 2014. 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 Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2014" (NST-EST2014-01) (December 2014) <<http://www.census.gov/popest/data/state/totals/2014/tables/NST-EST2014-01.xls>> accessed December 23, 2014 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: 2009 TO 2013**

[Place of occurrence basis]

Subject	All groups	Armed forces	Civilians 1/			Armed forces and dependents
			All civilians	Military dependents	Other civilians	
Live births						
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
2012	18,985	-	18,985	3,475	15,510	3,475
2013	18,979	-	18,979	3,613	15,366	3,613
Deaths						
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
2012	10,363	34	10,329	76	10,253	110
2013	10,576	42	10,534	77	10,457	119
Birth rates 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	34.0
2011	12.7	0.0	13.1	59.7	11.1	35.8
2012	12.5	0.0	12.9	57.7	11.0	33.6
2013	12.3	0.0	12.7	59.7	10.7	33.9
Death rates 2/						
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	6.8	1.3	7.1	1.1
2012	6.8	0.8	7.0	1.3	7.2	1.1
2013	6.9	0.9	7.0	1.3	7.3	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. Calculations of de facto population are based on July 1 resident population estimates by the U.S. Census Bureau as revised through December 2014.

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 2013*, 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 2013**

[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
2012	22,350	16.0	18,920	642	2,788
2013	21,816	15.5	18,926	468	2,422

1/ Based on July 1 estimates by the U.S. Census Bureau, as revised through December 2014. 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 Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2014" (NST-EST2014-01) (December 2014) <<http://www.census.gov/popest/data/state/totals/2014/tables/NST-EST2014-01.xls>> accessed December 23, 2014; and calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

**Table 2.04-- BIRTHS AND DEATHS, BY RESIDENCE: 2004 TO 2013**

[Place of occurrence basis]

<b>Event and year</b>	<b>Total</b>	<b>Resident 1/</b>	<b>Nonresident and unknown</b>
<b>Births</b>			
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
2012	18,985	18,920	65
2013	18,979	18,926	53
<b>Deaths</b>			
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
2012	10,363	10,062	301
2013	10,576	10,270	306

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: 2011 TO 2013**

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

<b>Subject</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Number of resident births	18,911	18,920	18,926
City and County of Honolulu	13,552	13,636	13,595
Percent on Oahu	71.7	72.1	71.8
Hawaii County	2,465	2,412	2,411
Kauai County	896	863	863
Maui County (incl. Kalawao)	1,998	2,009	2,057
Percent attended by M.D. or D.O. in hospital	89.6	88.3	89.5
Males per 100 females	106.0	104.2	108.9
Median weight of single births (grams) 1/	3,289	3,294	3,289
Percent low birth weight (under 2,500 grams) 1/	8.2	8.1	8.3
Percent single births under 40 weeks gestation	69.4	68.7	69.7
Percent plural	3.2	3.3	3.4
Percent with 1 or more congenital malformations	10.8	10.1	13.5
Percent to unmarried mothers	37.6	37.5	37.4
Percent with prenatal visit in first three months	81.2	84.2	83.6
Percent first child born to mother 2/	30.0	30.2	29.9
Percent first child born alive to mother	40.5	39.9	39.3
Median age of mothers (years)	28	28	29
Median age of known fathers (years)	30	30	31

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: 2012 AND 2013**

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

Type of rate	United States	Hawaii	Rank 1/
2012			
Birth rate 2/	12.6	13.6	3/ 11
Fertility rate 4/	63.0	71.6	8
2013			
Birth rate 2/	12.4	13.5	11
Fertility rate 4/	62.5	71.5	7

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

2/ Per 1,000 estimated population.

3/ Tied with Louisiana.

4/ 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: Final Data for 2012*, Vol. 62, Number 9, December 30, 2013

<[http://www.cdc.gov/nchs/data/nvsr/nvsr62/nvsr62\\_09.pdf](http://www.cdc.gov/nchs/data/nvsr/nvsr62/nvsr62_09.pdf)> accessed April 11, 2014 and

*Births: Final Data for 2013*, Vol. 64, Number 1, January 15, 2015

<[http://www.cdc.gov/nchs/data/nvsr/nvsr64/nvsr64\\_01.pdf](http://www.cdc.gov/nchs/data/nvsr/nvsr64/nvsr64_01.pdf)> accessed May 4, 2015.

**Table 2.07-- RESIDENT BIRTHS, MIXED AND UNMIXED RACE,  
BY MILITARY STATUS OF PARENT: 2013**

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

<b>Military status of parent</b>	<b>Total births</b>	<b>Unmixed</b>	<b>Mixed 1/</b>	<b>Not reported 2/</b>	<b>Percent mixed 3/</b>
Total	18,926	7,634	10,342	950	57.5
Military	3,598	2,466	1,092	40	30.7
Civilian	13,650	5,084	8,558	8	62.7
Status not reported	1,678	84	692	902	89.2

1/ Includes births in which the ethnicity of the father is different from the ethnicity of the mother or births in which the father or the mother are of two or more ethnicities. Includes births in which both parents were "Part Hawaiian" or both parents were "Other race". 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: 2013**

[Place of occurrence basis. A total of 9,415 first names, including variant spellings, was reported for the 18,979 babies born in Hawaii in 2013]

Boys' names			Girls' names		
Rank	Name	Number	Rank	Name	Number
1	Liam	86	1	Olivia	65
2	Mason	80	2	Sophia	62
3	Noah	69	3	Ava	55
4	Ethan	67	4	Emma	54
5	Logan	65	5	Mia	48
6	William	64	6	Chloe	47
7	Alexander	56	7	Aria	44
	Elijah	56		Isabella	44
9	Aiden	53	9	Madison	39
	Jayden	53	10	Lily	38
	Michael	53			

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



**Table 2.09-- MOST COMMON SURNAMES ON BIRTH AND DEATH  
CERTIFICATES: 2013**

Birth certificates			Death certificates		
Rank	Surname	Births	Rank	Surname	Deaths
1	Lee	86	1	Lee	72
2	Smith	71	2	Wong	50
3	Garcia	55	3	Kim	44
4	Kim	51	4	Young	42
5	Johnson	50	5	Smith	41
6	Williams	47	6	Johnson	33
7	Brown	44	7	Higa	32
8	Wong	41		Tanaka	32
9	Jones	38	9	Ching	31
	Martin	38	10	Chun	29
				Nakamura	29

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	Caucasian	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 2013**

[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
2010	78.7	76.2	81.0	(NA)	(NA)	(NA)
2011	78.7	76.3	81.1	(NA)	(NA)	(NA)
2012	78.8	76.4	81.2	(NA)	(NA)	(NA)
2013	78.8	76.4	81.2	(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.

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/products.htm>> accessed June 30, 2015.

**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]

<b>County</b>	<b>Both sexes</b>	<b>Male</b>	<b>Female</b>
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](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](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](http://dbedt.hawaii.gov/economic/data_reports/2040-long-range-forecast)> accessed June 8, 2012 and records.

**Table 2.16-- CHARACTERISTICS OF RESIDENT DEATHS: 2011 TO 2013**

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

<b>Subject</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Number of resident deaths	9,682	10,062	10,270
City and County of Honolulu	6,792	7,098	7,189
Hawaii County	1,378	1,467	1,444
Kauai County	496	497	549
Maui County (incl. Kalawao)	1,016	1,000	1,088
Males per 100 females	115.0	113.9	113.0
Median age (years)	79	80	80
Centenarian deaths: Male	29	40	43
Female	80	121	95
Oldest (age in years): Male	106	106	106
Female	107	108	108
Percent married	39.8	39.3	37.4
Deaths under 1 year	91	90	117
Per 1,000 live births	4.8	4.8	6.2
Fetal deaths 1/	3,569	3,430	2,890
Per 1,000 deliveries	159	153	132
Fetal deaths, 20 or more weeks gestation 2/	150	188	95
Per 1,000 live births	7.9	9.9	5.0
Standard fetal deaths 3/	940	642	468
Elective abortions	2,629	2,788	2,422
Per 1,000 live births	139.0	147.4	128.0

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: 2013**

[Place of residence basis]

Causes of death 1/	Both sexes	Males 2/	Females
Total deaths	10,270	5,448	4,822
Malignant neoplasm 3/	2,280	1,269	1,011
Stomach	82	49	33
Colon, rectum and anus	242	148	94
Pancreas	177	103	74
Trachea, bronchus and lung	546	294	252
Breast (Female)	135	-	135
Cervix uteri, corpus uteri and ovary	96	-	96
Prostate	90	90	-
Urinary tract	105	73	32
Non-Hodgkin's lymphoma	71	43	28
Leukemia	73	43	30
Other malignant neoplasms	663	426	237
Diabetes mellitus	267	152	115
Alzheimer's disease	259	93	166
Diseases of the heart	2,462	1,391	1,071
Hypertensive heart disease	75	33	42
Ischemic heart disease	1,186	737	449
Other forms of heart disease	1,201	621	580
Hypertension	111	47	64
Cerebrovascular disease	619	272	347
Other circulatory system diseases (Inc. Atherosclerosis)	109	53	56
Influenza/pneumonia	452	213	239
Chronic lower respiratory diseases	277	151	126
Peptic ulcer	22	14	8
Chronic liver disease and cirrhosis	111	75	36
Nephritis and nephrosis	207	101	106
Perinatal conditions	73	42	31
Congenital anomalies	34	18	16
Symptoms and ill-defined conditions (Inc. Sudden Infant Death Syndrome)	181	78	103
Other diseases 4/	2,145	1,020	1,125
Motor vehicle accidents	107	77	30
All other and unspecified accidents and adverse effects	337	213	124
Intentional self-harm (suicide)	162	127	35
All other external causes	55	42	13

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

2/ Unknown sex classified as male.

3/ Commonly known as cancer.

4/ Includes Tuberculosis, HIV Disease, and 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 2015**

[Complete through June 12, 2015]

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 about 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 2015**

[Includes all accidents, natural disasters, and other events causing five or more deaths. Complete through June 12, 2015]

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 2013**

[Place of occurrence basis]

<b>Method</b>	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2010</b>	<b>2012</b>	<b>2013</b>
All methods	5,204	7,055	8,511	9,654	10,363	10,576
Burial	2,343	2,798	2,767	2,322	2,480	2,302
Cremation	2,241	3,564	5,092	6,661	7,255	7,582
Removal	567	656	591	562	506	542
Medical science	-	-	40	91	102	131
All others 1/	53	37	21	18	20	19

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 2014, AND BY LEVEL OF VISUAL IMPAIRMENT, 2014**

[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
2013	2,551	1,986	281	113	171
2014	2,656	2,080	290	115	171
LEVEL OF VISUAL IMPAIRMENT: 2014					
Total	2,656	2,080	290	115	171
Blind 3/	2,339	1,837	251	97	154
Visually impaired 4/	317	243	39	18	17

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: 2012**

[Sample survey consisted of 11,904 people. Data were weighted based on the 2010 Census data]

<b>Selected chronic conditions</b>	<b>Prevalence of condition 1/</b>	<b>Conditions per 1,000 persons 2/</b>
Diabetes	93,912	68
Hypertension	241,183	173
High blood cholesterol	242,469	174
Asthma	154,142	111
Arthritis	117,229	84
Cancer	48,413	35
Heart	56,189	40
Lung	20,060	14

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: 2009 TO 2013**

[2013 data reported as of December 2014; earlier data not updated]

Disease	2009	2010	2011	2012	2013
Cases: 1/					
AIDS	90	82	63	87	130
Campylobacteriosis	548	734	836	617	825
E. coli 0157:H7	11	29	9	20	28
Fish poisoning 2/	40	31	31	21	15
Giardiasis	32	60	38	34	60
Gonorrhea	636	759	685	815	718
Hansen's Disease 3/	24	24	20	24	14
Hepatitis A	13	9	8	5	16
Hepatitis B (Acute)	6	6	6	5	4
Influenza 4/	7,764	7,181	8,660	15,046	6,644
Leptospirosis 5/	16	7	5	11	17
Malaria 6/	1	4	7	4	1
Measles (Rubeola) 6/	-	4	-	-	-
Meningitis, bacterial	5	1	4	2	1
Mumps 7/	5	5	3	1	-
Pertussis (whooping cough) 4/	46	66	59	73	50
Pneumococcal disease	107	117	99	-	82
Rubella 6/	-	-	-	-	2
Salmonellosis	338	331	332	341	349
Shigellosis	49	50	48	27	42
Syphilis (Primary & Secondary)	33	35	14	23	46
Tuberculosis	118	115	123	119	115
Deaths: 8/					
AIDS	10	13	15	16	8
Hansen's Disease	-	(9/)	-	-	-
Hepatitis A	-	-	-	-	-
Hepatitis B (Acute)	7	(9/)	5	(9/)	6
Influenza	17	(9/)	(9/)	5	10
Leptospirosis	-	-	-	-	-
Meningitis, bacterial	(9/)	(9/)	-	(9/)	(9/)
Pertussis (whooping cough)	(9/)	-	-	-	-
Pneumococcal disease	(9/)	(9/)	(9/)	(9/)	(9/)
Salmonellosis	-	(9/)	-	-	(9/)
Shigellosis	-	-	-	-	-
Syphilis	-	-	(9/)	-	-
Tuberculosis	6	5	(9/)	(9/)	(9/)

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**Table 2.23--SPECIFIED COMMUNICABLE DISEASES: 2009 TO 2013 -- 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: 2013**

[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 and onward. Weighted percent of adults who reported the health risk behaviors or conditions. Ninety-five percent confidence interval in parenthesis, when available]

<b>Risk factor</b>	<b>State</b>	<b>Honolulu</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui</b>
Seatbelt non-use	0.4 (0.3- 0.7)	0.4 (0.3- 0.7)	(NA)	(NA)	(NA)
Binge drinking 1/	18.3 (17.0- 19.6)	18.8 (17.1- 20.6)	15.4 (13.2- 17.9)	18.2 (15.1- 21.8)	18.3 (15.5- 21.3)
High cholesterol 2/	34.9 (33.3- 36.7)	34.4 (32.3- 36.7)	36.8 (33.2- 40.6)	32.7 (28.2- 37.5)	37.0 (33.4- 40.9)
Hypertension 3/	28.5 (27.1- 29.9)	28.6 (26.8- 30.5)	28.9 (25.8- 32.3)	25.4 (21.8- 29.4)	28.6 (25.5- 31.8)
Lack of exercise 4/	22.1 (20.7- 23.6)	22.1 (20.3- 24.1)	21.5 (18.6- 24.7)	23.8 (19.8- 28.2)	22.2 (19.1- 25.7)
Less consumption of vegetables 5/	81.4	83.0	79.2	80.2	74.3
Less consumption of fruit or 100% pure fruit juice 6/	87.4	88.3	86.0	87.8	83.2
Diabetes 7/	8.4 (7.5- 9.3)	8.5 (7.4- 9.8)	8.2 (6.6- 10.1)	9.1 (6.8- 12.0)	7.5 (5.7- 9.8)
Asthma 8/	16.6 (15.3- 17.9)	16.7 (15.1- 18.4)	17.7 (15.1- 20.7)	13.8 (11.0- 17.3)	15.9 (13.2- 19.0)
Current smokers	13.3 (12.2- 14.5)	12.2 (10.9- 13.7)	17.6 (14.9- 20.8)	12.6 (9.9- 16.0)	15.0 (12.2- 18.4)
Overweight 9/	33.6 (32.0- 35.1)	33.5 (31.6- 35.6)	33.7 (30.5- 37.0)	35.1 (30.9- 39.5)	32.8 (29.4- 36.3)
Obese I 10/	14.8 (13.6- 16.1)	14.3 (12.7- 15.9)	16.3 (13.6- 19.4)	12.1 (9.6- 15.0)	17.5 (14.5- 21.0)

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**Table 2.24-- HEALTH RISK BEHAVIORS AND CONDITIONS FOR PERSONS 18 YEARS AND OLDER, BY COUNTY: 2013 -- Con.**

Risk factor	State	Honolulu	Hawaii	Kauai	Maui
Obese II 10/	4.6 (4.0- 5.4)	4.8 (4.0- 5.8)	4.0 (2.9- 5.5)	3.6 (2.4- 5.2)	4.8 (3.5- 6.4)
Obese III 10/	2.4 (2.0- 2.9)	2.4 (1.9- 3.1)	2.4 (1.5- 3.7)	(NA)	2.1 (1.5- 3.1)

NA Not available.

1/ 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. Does not include high blood pressure during pregnancy because data was not available for some of the counties.

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

5/ Consumption of vegetables (including beans and peas) less than three times per day.

6/ Consumption of fruit or 100% pure fruit juice less than three times per day.

7/ Told by doctor or health professional that they have diabetes. Does not includes diabetes during pregnancy because data was not available for some of the counties.

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

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

10/ From calendar year 2011, the one obese category which had been used earlier was separated into 3 obese categories. Obese I has BMIs greater than or equal to 30 but less than 35; Obese II has BMIs greater than or equal to 35 but less than 40; and Obese III has BMIs greater than or equal to 40.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, Behavioral Risk <[http://health.hawaii.gov/brfss/files/2015/04/HBRFSS\\_2013results\\_OCT06\\_Apr15.pdf](http://health.hawaii.gov/brfss/files/2015/04/HBRFSS_2013results_OCT06_Apr15.pdf)> accessed June 14, 2015.

**Table 2.25-- NUMBER AND BED CAPACITY OF STATE-APPROVED FACILITIES, BY TYPE OF FACILITY: 2000 TO 2013**

[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
2011	68	17	47	15
2012	68	17	47	15
2013	68	16	47	16
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
2011	7,303	2,280	4,207	816
2012	7,215	2,313	4,100	802
2013	7,258	2,297	4,124	837

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

2/ Acute/SNF is a "swing" bed designated to service either acute level or skilled nursing level patients.

They are classified under long-term care in this table.

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://health.hawaii.gov/shpda/>> accessed July 6, 2015 and revised tables; and 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 2013**

[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
2011	109,309	1,512	66.3
2012	112,761	1,616	69.9
2013	111,812	1,604	69.8
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
2011	8,899	3,762	89.4
2012	8,640	3,538	86.3
2013	9,656	3,857	93.5

1/ Acute/SNF is a "swing" bed designated to service either acute level or skilled nursing level patients. They are classified under long-term care in this table.

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://health.hawaii.gov/shpda/>> accessed July 6, 2015 and revised tables; and 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 2011**

[Figures based on facilities that reported their activity]

Category and island	Facilities			
	Total 1/	Acute care 2/	Long-term care 2/	Specialty care
Number of facilities				
State total	68	17	47	15
Oahu	44	9	29	11
Hawaii	10	3	9	-
Kauai	6	3	5	-
Maui	6	1	3	3
Molokai	2	1	1	1
Lanai	-	-	-	-
Number of licensed beds				
State total	7,303	2,280	4,207	816
Oahu	5,006	1,698	2,573	735
Hawaii	1,096	257	839	-
Kauai	443	101	342	-
Maui	725	213	449	63
Molokai	33	11	4	18
Lanai	-	-	-	-

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

2/ Acute/SNF is a "swing" bed designated to service either acute level or skilled nursing level patients. They are classified under long-term care in this table.

Source: Hawaii State Department of Health, Hawaii State Health Planning and Development Agency, *Health Care Utilization Report 2011 Data* <<http://health.hawaii.gov/shpda/>> accessed July 6, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.28-- NUMBER AND BED CAPACITY OF STATE-APPROVED CIVILIAN FACILITIES, BY TYPE OF FACILITY, BY ISLAND: DECEMBER 2012**

[Figures based on facilities that reported their activity]

Category and island	Facilities			
	Total 1/	Acute care 2/	Long-term care 2/	Specialty care
Number of facilities				
State total	68	17	47	15
Oahu	44	9	29	11
Hawaii	10	3	9	-
Kauai	6	3	5	-
Maui	6	1	3	3
Molokai	2	1	1	1
Lanai	-	-	-	-
Number of licensed beds				
State total	7,215	2,313	4,100	802
Oahu	4,928	1,728	2,466	734
Hawaii	1,090	251	839	-
Kauai	443	101	342	-
Maui	734	222	449	63
Molokai	20	11	4	5
Lanai	-	-	-	-

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

2/ Acute/SNF is a "swing" bed designated to service either acute level or skilled nursing level patients. They are classified under long-term care in this table.

Source: Hawaii State Department of Health, Hawaii State Health Planning and Development Agency, *Health Care Utilization Report 2012 Data* <<http://health.hawaii.gov/shpda/>> accessed July 6, 2015; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.29-- NUMBER AND BED CAPACITY OF STATE-APPROVED CIVILIAN FACILITIES, BY TYPE OF FACILITY, BY ISLAND: DECEMBER 2013**

[Figures based on facilities that reported their activity]

Category and island	Facilities			
	Total 1/	Acute care 2/	Long-term care 2/	Specialty care
Number of facilities				
State total	68	16	47	16
Oahu	44	8	29	12
Hawaii	10	3	9	-
Kauai	6	3	5	-
Maui	6	1	3	3
Molokai	2	1	1	1
Lanai	-	-	-	-
Number of licensed beds				
State total	7,258	2,297	4,124	837
Oahu	4,972	1,713	2,490	769
Hawaii	1,090	251	839	-
Kauai	443	101	342	-
Maui	733	221	449	63
Molokai	20	11	4	5
Lanai	-	-	-	-

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

2/ Acute/SNF is a "swing" bed designated to service either acute level or skilled nursing level patients. They are classified under long-term care in this table.

Source: Hawaii State Department of Health, Hawaii State Health Planning and Development Agency, *Health Care Utilization Report 2013 Data* <<http://health.hawaii.gov/shpda/>> accessed July 6, 2015 and records; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.30-- NUMBER AND BED CAPACITY OF STATE-APPROVED ADULT CARE HOMES, BY TYPE OF FACILITY, BY ISLAND: 2012 TO 2014**

[As of December 31. Excludes Community Care Foster Family Homes]

Category and island	2012		2013		2014	
	Type I 1/	Type II 2/	Type I 1/	Type II 2/	Type I 1/	Type II 2/
Number of facilities						
State total	458	27	451	29	460	36
Oahu	381	27	377	29	383	35
Hawaii	49	-	49	-	52	-
Kauai	14	-	12	-	12	-
Maui	10	-	10	-	10	1
Molokai	4	-	3	-	3	-
Lanai	-	-	-	-	-	-
Number of licensed beds 3/						
State total	2,174	429	2,141	465	2,175	549
Oahu	1,820	429	1,804	465	1,827	527
Hawaii	221	-	221	-	234	-
Kauai	65	-	53	-	53	-
Maui	48	-	48	-	46	22
Molokai	20	-	15	-	15	-
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 2.31-- OCCUPANCY CHARACTERISTICS OF STATE-APPROVED ACUTE AND LONG-TERM CARE CIVILIAN FACILITIES, BY ISLAND: 2011**

[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	109,309	1,512	66.3
Oahu	80,554	1,158	68.2
Hawaii	12,512	144	56.0
Kauai	4,699	56	55.5
Maui	11,391	153	71.8
Molokai	153	1	7.8
Lanai	-	-	-
Long-term care 1/			
State total	8,899	3,762	89.4
Oahu	5,966	2,278	88.5
Hawaii	1,532	753	89.8
Kauai	733	315	92.2
Maui	654	413	91.9
Molokai	14	3	72.8
Lanai	-	-	-

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 2011 Data* <<http://health.hawaii.gov/shpda/>> accessed July 6, 2015; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.32-- OCCUPANCY CHARACTERISTICS OF STATE-APPROVED ACUTE AND LONG-TERM CARE CIVILIAN FACILITIES, BY ISLAND: 2012**

[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	112,761	1,616	69.9
Oahu	83,909	1,252	72.4
Hawaii	12,427	152	60.7
Kauai	4,837	58	57.5
Maui	11,471	153	68.8
Molokai	117	1	8.1
Lanai	-	-	-
Long-term care 1/			
State total	8,640	3,538	86.3
Oahu	6,007	2,206	89.5
Hawaii	1,369	658	78.4
Kauai	643	304	89.0
Maui	613	367	81.8
Molokai	8	3	68.5
Lanai	-	-	-

1/ Acute/SNF is a "swing" bed designated to service either acute level or skilled nursing level patients. They are classified under long-term care in this table.

Source: Hawaii State Department of Health, Hawaii State Health Planning and Development Agency, *Health Care Utilization Report 2012 Data* <<http://health.hawaii.gov/shpda/>> accessed July 6, 2015; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.33-- OCCUPANCY CHARACTERISTICS OF STATE-APPROVED ACUTE AND LONG-TERM CARE CIVILIAN FACILITIES, BY ISLAND: 2013**

[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	111,812	1,604	69.8
Oahu	82,380	1,240	72.4
Hawaii	12,620	159	63.4
Kauai	4,902	56	55.6
Maui	11,802	147	66.7
Molokai	108	1	8.7
Lanai	-	-	-
Long-term care 1/			
State total	9,656	3,857	93.5
Oahu	6,524	2,313	92.9
Hawaii	1,854	861	102.6
Kauai	688	292	85.5
Maui	580	390	86.9
Molokai	10	1	22.7
Lanai	-	-	-

1/ Acute/SNF is a "swing" bed designated to service either acute level or skilled nursing level patients. They are classified under long-term care in this table.

Source: Hawaii State Department of Health, Hawaii State Health Planning and Development Agency, *Health Care Utilization Report 2013 Data* <<http://health.hawaii.gov/shpda/>> accessed July 6, 2015; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.34-- CHARACTERISTICS OF YOUTHS REGISTERED FOR STATE CHILD AND ADOLESCENT MENTAL HEALTH SERVICES: 2010 TO 2014**

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

Subject	2010	2011	2012	2013	2014
Total	2,661	2,438	1,954	2,119	2,225
Youths registered with services procured 1/					
Number	1,389	1,197	1,230	1,313	1,337
Percent	52	49	63	62	60
Mean age (years)	14.1	13.9	14.2	14.0	13.9
Sex (%)					
Male	67	67	62	62	62
Female	33	33	38	38	38
County					
Hawaii	724	713	732	770	801
Honolulu	896	765	789	850	898
Kauai	694	679	160	186	225
Maui	223	178	185	225	248
Special populations 2/	123	102	87	88	53
Selected services procured (%) 3/					
Out-of-home	35.0	33.2	31.6	29.9	27.2
Out-of-state	0.4	0.6	0.5	0.4	1.6
Hospital residential	4.4	4.2	4.9	5.9	5.5
Community high risk	1.1	1.2	1.1	1.1	1.0
Community residential	13.6	12.4	11.1	11.8	10.4
Therapeutic group home 4/	5.0	3.3	1.7	-	-
Therapeutic foster home 4/	18.6	18.5	17.8	15.2	13.2
Intensive home & community	72.8	75.0	72.7	75.1	77.4
Multi-systemic therapy	18.9	21.9	19.7	16.2	15.5
Intensive in-home	58.6	58.6	56.3	61.8	65.7
Outpatient 5/	15.6	17.5	22.3	23.5	20.2
Supportive services 6/	13.6	14.0	12.9	14.3	12.9
Crisis stabilization	3.3	5.0	5.8	3.5	2.8

Continued on next page.

**Table 2.34-- CHARACTERISTICS OF YOUTHS REGISTERED FOR STATE  
CHILD AND ADOLESCENT MENTAL HEALTH SERVICES:  
2010 TO 2014 -- Con.**

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

2/ Non-county-specific programs for which a youth may be registered. Shown under the Family Court Liaison Branch.

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/ Include treatment (such as medication management, Functional Family Therapy, and outpatient therapy [individual, group or family]), consultation, and assessment of any type.

6/ Includes respite home and ancillary services that could not be classified as another level of care.

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://health.hawaii.gov/camhd/resource-library/research-and-evaluation/>> accessed June 12, 2015.

**Table 2.35-- ADULT PATIENTS SERVED BY STATE MENTAL HEALTH FACILITIES: 1998 TO 2013**

<b>Facilities and year</b>	<b>Persons active, Dec. 31</b>	<b>Admissions</b>	<b>Discharges</b>	<b>Persons served</b>
<b>Hawaii State Hospital</b>				
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
2012	181	291	295	430
2013	199	333	315	465
<b>State-supported outpatient community mental health centers</b>				
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
2012 1/	2,796	2,211	2,411	4,030
2013 1/	3,000	2,121	1,797	3,744

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 2.36-- HAWAII STATE HOSPITAL BEDS AND OCCUPANCY:  
2000 TO 2014**

[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
2013	202	301	125	186	195
2014	202	301	131	196	204

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 2014, about 3.2 percent of the patients were on leave or absent without leave.

Source: Hawaii State Hospital, records.

**Table 2.37-- HANSEN'S DISEASE PATIENTS REGISTERED: 2009 TO 2013**

<b>Subject</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Patients on register, Dec. 31	255	272	285	298	304
Department of Health, Hansen's Disease					
Community Program 1/ Kalaupapa	236 19	254 18	268 17	281 17	288 16
New cases	26	24	20	25	16
Deaths	4	1	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 2.38-- ESTIMATED USE OF SELECTED SUBSTANCES, FOR THE UNITED STATES AND HAWAII: 2011-2012 AND 2012-2013**

[Data in this table are annual averages based on the 2011-2012 and the 2012-2013 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/	Marijuana	Any illicit drug other than marijuana 1/	Cigarettes	Binge alcohol 2/
2011-2012					
Estimated current users (1,000)					
United States	23,159	18,463	8,452	57,165	59,015
Hawaii	109	85	40	203	246
Current users as percent of population					
United States	9.0	7.1	3.3	22.1	22.8
Hawaii	9.7	7.6	3.6	18.1	21.9
2012-2013					
Estimated current users (1,000)					
United States	24,218	19,332	8,774	56,648	59,876
Hawaii	117	98	40	195	261
Current users as percent of population					
United States	9.3	7.4	3.4	21.7	22.9
Hawaii	10.3	8.6	3.5	17.2	23.0

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 methamphetamine items added in 2005 and 2006.

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

Source: U.S. 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, 2011-2012 <<http://samhsa.gov/data/NSDUH/2k12State/NSDUHsae2012/NSDUHsaeUS2012.pdf>> accessed May 14, 2014; and National Survey on Drug Use and Health, 2012-2013 <<http://www.samhsa.gov/data/population-data-nsduh>> accessed July 13, 2015.

**Table 2.39-- PREVALENCE OF VARIOUS SUBSTANCES WITH STUDENTS IN THE STATE OF HAWAII: 2009 TO 2013 AND UNITED STATES, 2011**

[In percentages. The survey is administered in odd-numbered years to Hawaii public school students in grades 6-12. Does not include charter or special public schools]

Substance	Hawaii			U.S.
	2009	2011	2013	2011
Marijuana use 1/	22.1	21.9	18.9	23.1
Ever used any form of cocaine	6.0	6.4	6.5	6.8
Ever used glue, aerosol spray can, or paints/spray to get high	10.1	9.7	9.2	11.4
Ever used heroin	(NA)	(NA)	3.4	(NA)
Ever used methamphetamines	3.9	3.4	4.3	3.8
Ever used hallucinogenic drugs 2/	(NA)	(NA)	6.0	(NA)
Ever used ecstasy	8.2	9.0	8.0	8.2
Ever took prescription drugs without a doctor's prescription	(NA)	14.3	12.9	20.7
Alcohol use 3/	37.8	29.1	25.2	38.7
Binge drinking 4/	22.4	15.4	12.7	21.9
Smoked cigarettes 5/	15.2	10.1	10.4	18.1

NA Not available.

1/ Used marijuana one or more times during the 30 days before the survey.

2/ Hallucinogenic drugs such as LSD, acid, PCP, angel dust, mescaline, or mushrooms.

3/ Had at least one drink of alcohol on at least 1 day during the 30 days before the survey.

4/ Had five or more drinks of alcohol in a row within a couple of hours on at least 1 day during the 30 days before the survey.

5/ Smoked cigarettes on at least 1 day during the 30 days before the survey.

Source: University of Hawaii at Manoa, College of Education Curriculum Research & Development Group, *Results of the 2013 Hawaii State and Counties Youth Risk Behavior Surveys (YRBS) and Cross-Year Comparisons*" (June 2014) <[http://www.hhdw.org/cms/uploads/Resources/2013%20YRBS%20Report%20State\\_Final.pdf](http://www.hhdw.org/cms/uploads/Resources/2013%20YRBS%20Report%20State_Final.pdf)> accessed July 3, 2014.

**Table 2.40-- PHYSICIANS, DENTISTS, NURSES, AND PHARMACISTS  
LICENSED IN HAWAII, BY PLACE OF ADDRESS: OCTOBER 22, 2014**

[Excludes inactive licenses]

<b>Place of address</b>	<b>Physicians and surgeons 1/</b>	<b>Dentists</b>	<b>Registered nurses</b>	<b>Pharmacists</b>
Total licensed	9,109	1,485	22,863	2,353
State of Hawaii	4,661	1,068	15,024	1,331
Hawaii	463	109	1,797	162
Maui	405	92	1,428	112
Lanai	4	1	16	-
Molokai	10	4	33	4
Oahu	3,592	825	11,044	990
Kauai	187	37	706	63
Mainland U.S.	4,396	400	7,732	1,017
Foreign	52	17	106	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://cca.hawaii.gov/pvl/reports/pvl\\_geo/](http://cca.hawaii.gov/pvl/reports/pvl_geo/)> accessed November 17, 2014; and calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

**Table 2.41-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS  
(NAICS 62), BY KIND OF BUSINESS OR OPERATION: 2012**

[Includes establishments with payroll. Statistics based on the 2012 North American Industry Classification System (NAICS) which replaced the 2007 NAICS used in the 2002 Economic Census]

NAICS code	Kind of business or operation	Estab-lish-ments (num-ber)	Rec-eipts/rev-enues (\$1,000)	Operat-ing expen-ses (\$1,000)	Annual payroll (\$1,000)	Paid employ-ees for pay period including March 12 (number)
62	Health care and social assistance	3,559	8,136,947	(1/)	3,290,592	66,772
621	Ambulatory health care services 2/	2,718	3,255,393	(1/)	1,385,904	25,213
6211	Offices of physicians	1,154	1,339,430	(1/)	624,078	7,329
6212	Offices of dentists	658	470,313	(1/)	184,471	4,167
6213	Offices of other health practitioners	551	242,484	(1/)	93,994	2,935
6214	Outpatient care centers	183	683,922	(1/)	269,064	5,209
6215	Medical and diagnostic laboratories	54	241,091	(1/)	84,798	1,721
6216	Home health care services	84	(D)	(1/)	(D)	(3/)
6219	Other ambulatory health care svcs	34	(D)	(1/)	(D)	(4/)
622	Hospitals	27	3,658,192	(1/)	1,381,923	21,720
6221	General medical and surgical	20	3,181,904	(1/)	1,187,630	18,519
6222	Psychiatric and substance abuse	2	(D)	(1/)	(D)	(4/)
6223	Specialty (except psychiatric and substance abuse)	5	(D)	(1/)	(D)	(5/)
623	Nursing and residential care facilities	146	588,474	(1/)	258,556	7,974
6231	Nursing care facilities (skilled)	46	375,258	(1/)	164,406	4,733
6232	Residential intellectual & dev disable, mental health and substance abuse	45	79,632	(1/)	40,654	1,256
6233	Continue care retiremt community & assisted living for elderly	45	122,515	(1/)	49,243	1,846
6239	Other residential care facilities	10	11,069	(1/)	4,253	139
624	Social assistance	668	634,888	(1/)	264,209	11,865
6241	Individual and family services	275	342,448	(1/)	148,369	6,878
6242	Community food and housing, and emergency & other relief svcs	86	110,897	(1/)	27,566	929
6243	Vocational rehabilitation services	62	70,498	(1/)	32,136	1,343
6244	Child day care services	245	111,045	(1/)	56,138	2,715

Continued on next page.

**Table 2.41-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS  
(NAICS 62), BY KIND OF BUSINESS OR OPERATION: 2012-- Con.**

NAICS code	Kind of business or operation	Estab-lish-ments (num-ber)	Rec-eipts/ Rev-enues (\$1,000)	Operat-ing expen-ses (\$1,000)	Annual payroll (\$1,000)	Paid employ-ees for pay period including March 12 (number)
	Establishments exempt from federal income tax					
62	Health care and social assistance	765	4,956,503	4,574,389	1,943,397	39,984
621	Ambulatory health care services 2/	127	530,686	457,831	225,886	4,777
6214	Outpatient care centers	107	453,384	387,588	187,285	3,779
6216	Home health care services	14	(D)	(D)	(D)	(4/)
6219	Other ambulatory health care svc	6	(D)	(D)	(D)	(6/)
622	Hospitals	27	3,658,192	3,388,299	1,381,923	21,720
6221	General medical and surgical	20	3,181,904	2,973,638	1,187,630	18,519
6222	Psychiatric and substance abuse	2	(D)	(D)	(D)	(4/)
6223	Specialty (except psychiatric and substance abuse)	5	(D)	(D)	(D)	(5/)
623	Nursing and residential care facilities	70	250,628	239,585	120,490	3,724
6231	Nursing care facilities (skilled)	11	93,567	91,465	44,945	1,282
6232	Residential intellectual & dev disable, mental health and substance abuse	42	(D)	(D)	(D)	(5/)
6233	Continue care retiremt community & assisted living for elderly	8	68,513	63,895	31,758	1,094
6239	Other residential care facilities	9	(D)	(D)	(D)	(6/)
624	Social assistance	541	516,997	488,674	215,098	9,763
6241	Individual and family services	209	267,300	252,846	117,219	5,473
6242	Community food and housing, and emergency & other relief svcs	86	110,897	104,664	27,566	929
6243	Vocational rehabilitation services	37	43,561	42,214	22,090	1,018
6244	Child day care services	209	95,239	88,950	48,223	2,343

Continued on next page.

**Table 2.41-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS  
(NAICS 62), BY KIND OF BUSINESS OR OPERATION: 2012-- Con.**

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

1/ Not available or not comparable.

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

3/ 2,500 to 4,999 employees.

4/ 500 to 999 employees.

5/ 1,000 to 2,499 employees.

6/ 100 to 249 employees.

Source: U.S. Census Bureau, 2012 Economic Census, EC1262A1: Health Care and Social Assistance, Geographic Area Series, Summary Statistics for the U.S., States, Metro Areas, Counties, and Places: 2012 Hawaii (April 2015) <<http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed June 5, 2015.

**Table 2.42-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS  
(NAICS 62), BY COUNTY AND PLACE : 2012**

[Includes establishments with payroll. Statistics based on the 2012 North American Industry Classification System (NAICS) which replaced the 2007 NAICS used in the 2007 Economic Census]

<b>Geographic area</b>	<b>Establishments (number)</b>	<b>Receipts/ Revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Paid employees for pay period including March 12 (number)</b>
State total	3,559	8,136,947	3,290,592	66,772
Hawaii County	469	781,182	356,381	7,503
Captain Cook	8	2,205	885	31
Hawaiian Beaches	2	(D)	(D)	(1/)
Hawaiian Paradise Park	1	(D)	(D)	(2/)
Hilo	225	429,031	214,500	4,286
Holualoa	6	(D)	(D)	(1/)
Honaunau-Napoopoo	1	(D)	(D)	(2/)
Kahaluu-Keauhou	8	14,558	6,301	161
Kailua	69	67,215	28,564	642
Kalaoa	9	5,299	1,890	57
Mountain View	2	(D)	(D)	(2/)
Volcano	1	(D)	(D)	(2/)
Waikoloa Village	9	3,547	1,649	48
Waimea	31	77,131	32,921	635
Balance of Hawaii County	97	(D)	(D)	(3/)
Honolulu County	2,520	6,302,644	2,481,006	50,049
Ahuimanu	6	7,210	2,664	58
Aiea	51	27,325	10,067	282
East Honolulu	78	90,320	31,749	980
Ewa Beach	17	29,217	15,036	365
Ewa Gentry	2	(D)	(D)	(2/)
Ewa Villages	3	(D)	(D)	(4/)
Halawa	14	(D)	(D)	(5/)
Haleiwa	13	6,321	2,637	72
Hauula	2	(D)	(D)	(2/)
Heeia	5	741	349	13
Hickam Housing	3	(D)	(D)	(1/)
Iroquois Point	2	(D)	(D)	(2/)
Kahaluu	4	1,457	506	23
Kahuku	10	(D)	(D)	(6/)
Kailua	139	259,781	104,134	1,985

Continued on next page.

**Table 2.42-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS  
(NAICS 62), BY COUNTY AND PLACE : 2012-- Con.**

<b>Geographic area</b>	<b>Establishments (number)</b>	<b>Receipts/ Revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Paid employees for pay period including March 12 (number)</b>
Honolulu County (con.)				
Kaneohe	103	172,443	84,148	1,952
Kapolei	26	49,884	25,136	1,441
Laie	4	1,320	543	22
Maili	5	2,825	1,069	34
Makaha	10	12,304	5,327	207
Makakilo	7	(D)	(D)	(1/)
Mililani Mauka	8	(D)	(D)	(1/)
Mililani Town	25	25,542	11,797	246
Nanakuli	7	12,289	5,461	118
Ocean Pointe	4	(D)	(D)	(2/)
Pearl City	84	87,983	34,331	885
Pupukea	1	(D)	(D)	(1/)
Royal Kunia	5	(D)	(D)	(1/)
Schofield Barracks	1	(D)	(D)	(2/)
Urban Honolulu	1,513	4,534,947	1,749,101	32,660
Wahiawa	39	91,056	39,130	871
Waialua	2	(D)	(D)	(1/)
Waianae	30	75,830	34,980	826
Waikele	6	(D)	(D)	(4/)
Waimalu	90	(D)	(D)	(3/)
Waimanalo	6	(D)	(D)	(4/)
Waimanalo Beach	5	2,021	754	31
Waipahu	98	79,252	30,454	826
Waipio	8	44,444	19,678	356
Waipio Acres	2	(D)	(D)	(2/)
West Loch Estate	1	(D)	(D)	(2/)
Balance of Honolulu County	81	(D)	(D)	(3/)
Kauai County	177	311,622	144,990	3,082
Hanapepe	5	(D)	(D)	(1/)
Kalaheo	9	(D)	(D)	(1/)
Kapaa	26	28,873	15,272	288
Kekaha	1	(D)	(D)	(2/)
Kilauea	12	4,855	1,359	46
Lihue	91	207,795	92,694	1,823
Puhi	2	(D)	(D)	(2/)
Wailua Homesteads	2	(D)	(D)	(2/)
Balance of Kauai County	29	(D)	(D)	(5/)

Continued on next page.



**Table 2.42-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS  
(NAICS 62), BY COUNTY AND PLACE : 2012-- Con.**

<b>Geographic area</b>	<b>Establishments (number)</b>	<b>Receipts/ Revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Paid employees for pay period including March 12 (number)</b>
Maui County	393	741,499	308,215	6,138
Haiku-Pauwela	6	5,304	1,613	37
Kaanapali	2	(D)	(D)	(2/)
Kahului	96	170,232	76,084	1,533
Kaunakakai	19	23,794	9,780	265
Kihei	42	31,997	13,593	307
Kula	13	(D)	(D)	(1/)
Lahaina	24	20,704	8,802	194
Lanai City	9	4,605	1,954	45
Makawao	16	(D)	(D)	(1/)
Napili-Honokowai	2	(D)	(D)	(2/)
Paia	3	(D)	(D)	(2/)
Pukalani	6	(D)	(D)	(1/)
Waihee-Waiehu	1	(D)	(D)	(2/)
Wailea	6	1,207	230	4
Wailuku	122	448,085	181,612	3,326
Balance of Maui County	26	(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/ 0 to 19 employees.

3/ 1,000 to 2,499 employees.

4/ 100 to 249 employees.

5/ 500 to 999 employees.

6/ 250 to 499 employees.

Source: U.S. Census Bureau, 2012 Economic Census, EC1262A1: Health Care and Social Assistance, Geographic Area Series, Summary Statistics for the U.S., States, Metro Areas, Counties, and Places: 2012 Hawaii (April 2015) <<http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed June 5, 2015.

**Table 2.43-- MARRIAGES AND DIVORCES: 2002 TO 2013**

[Place of occurrence basis]

Calendar year	Marriages		Divorces and annulments 2/	Rates per 1,000 resident population 3/		Percent of marriages	
	Total	Resident 1/		Resident marriages	Divorces, annulments 2/	Nonresident 4/	Inter-racial 5/, 6/
2002	25,795	8,914	4,798	7.2	3.9	65.4	56.0
2003	27,495	9,354	(7/)	7.5	(X)	66.0	55.5
2004	28,843	9,225	(7/)	7.2	(X)	68.0	56.0
2005	29,272	9,358	(7/)	7.2	(X)	68.0	54.7
2006	28,681	9,300	(7/)	7.1	(X)	67.6	53.7
2007	27,346	9,401	(7/)	7.1	(X)	65.6	55.1
2008	25,464	9,643	(7/)	7.2	(X)	62.1	54.1
2009	23,169	9,017	(7/)	6.7	(X)	61.1	53.1
2010	23,918	9,117	(7/)	6.7	(X)	61.9	53.4
2011	24,177	8,907	(7/)	6.5	(X)	63.2	55.2
2012	24,207	8,863	(7/)	6.4	(X)	63.4	55.3
2013	22,902	8,692	(7/)	6.2	(X)	62.0	55.0

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 2014. 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 Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2014" (NST-EST2014-01) (December 2014) <<http://www.census.gov/popest/data/state/totals/2014/tables/NST-EST2014-01.xls>> accessed December 23, 2014 and earlier population estimates; and calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

**Table 2.44-- 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 2.45-- CHARACTERISTICS OF MARRIAGES: 2010 TO 2013**

[Place of occurrence basis]

<b>Subject</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Number	23,918	24,177	24,207	22,902
Percent on Oahu	50.1	49.6	49.9	49.9
Percent Hawaii residents				
Both partners	33.5	32.6	33.0	34.3
One partner only	4.6	4.2	3.6	3.7
Neither partner	61.9	63.2	63.4	62.0
Median age (years)				
Males	33	34	34	34
Females	31	31	31	32
Percent previously married				
Males	36.0	36.8	36.9	36.5
Females	34.3	35.3	35.1	35.0

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

**Table 2.46-- MARRIAGES, RESIDENT AND NONRESIDENT, BY RACE MIXTURE AND TYPE OF CEREMONY: 2013**

[Place of occurrence basis]

<b>Race mixture and type of ceremony</b>	<b>Total</b>	<b>At least one partner Hawaii resident</b>	<b>Both partners nonresidents</b>
All marriages	22,902	8,692	14,210
Race of partners			
Both partners same race 1/	12,402	3,244	9,158
Different race 2/	5,901	3,959	1,942
Percent different race 3/	32.2	55.0	17.5
Not reported 4/	4,599	1,489	3,110
Type of ceremony			
Civil ceremony	2,903	2,513	390
Religious ceremony	19,999	6,179	13,820

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 2.47-- MARITAL DISSOLUTION: 2000 TO 2013**

[Place of residence basis]

Subject	2000	2010	2013	Percent		
				2000	2010	2013
Married couples	216,077	1/ 224,402	1/ 235,190	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	3,838	1.7	1.7	1.6
Husbands	2,574	2,672	2,677	1.2	1.2	1.1
Wives	1,084	1,085	1,161	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 2013, the lower bound of the 90 percent confidence interval is 230,491 while the upper bound is 239,889.

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, 2013 American Community Survey 1-Year Estimates" (September 2014) <<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed September 18, 2014.

## 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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<a href="#">03.02</a>	Educational Attainment, by Sex: 2013
<a href="#">03.03</a>	Years of School Completed by Persons 25 Years Old and Over: 1940 to 2013
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<a href="#">03.18</a>	Ethnicity of Public School Students: School Year 2013-2014
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**Table**  
**Number   Table Name**

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

<a href="#">03.26</a>	Enrollment and Earned Degrees Conferred, for Private Colleges and Universities: 2009 to 2014
<a href="#">03.27</a>	Residence and Migration of Freshmen Students in Institutions of Higher Education and Freshmen Students Graduating from High School in the Past 12 Months: Fall 2010 and Fall 2012
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<a href="#">03.29</a>	Characteristics of the Hawaii State Library System, by County: 2014
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**Table 3.01-- SCHOOL ENROLLMENT, BY TYPE OF SCHOOL AND AGE BY SEX:  
2013**

Subject	Total	Male	Female
TYPE OF SCHOOL			
Persons 3 years and over enrolled	338,688	170,968	167,720
Enrolled in nursery school, preschool	19,608	10,890	8,718
Public school	7,615	4,522	3,093
Enrolled in kindergarten	19,255	10,805	8,450
Public school	16,105	8,946	7,159
Enrolled in grade 1 to grade 4	64,202	32,684	31,518
Public school	54,124	27,768	26,356
Enrolled in grade 5 to grade 8	65,584	33,346	32,238
Public school	52,035	25,980	26,055
Enrolled in grade 9 to grade 12	66,276	34,332	31,944
Public school	50,006	26,634	23,372
Enrolled in college undergraduate years	85,678	40,887	44,791
Public school	66,763	32,454	34,309
Enrolled in graduate or professional school	18,085	8,024	10,061
Public school	11,170	5,294	5,876
AGE			
Persons 3 years and over enrolled	338,688	170,968	167,720
3 and 4 years	18,957	10,606	8,351
Public school	7,749	4,434	3,315
5 to 9 years	76,987	39,175	37,812
Public school	64,483	33,088	31,395
10 to 14 years	85,733	44,823	40,910
Public school	67,751	35,266	32,485
15 to 17 years	45,741	23,217	22,524
Public school	34,141	17,741	16,400
18 and 19 years	19,687	9,380	10,307
Public school	15,223	7,542	7,681
20 to 24 years	38,944	19,281	19,663
Public school	31,203	16,298	14,905
25 to 34 years	29,955	14,411	15,544
Public school	21,815	10,545	11,270
35 years and over	22,684	10,075	12,609
Public school	15,453	6,684	8,769

Source: U.S. Census Bureau, 2013 American Community Survey 1-Year Estimates, "B14002. Sex by School Enrollment by Type of School for the Population 3 Years and Over" <[http://factfinder.census.gov/bkmk/table/01/en/ACS/13\\_1YR/B14002/0400000US15](http://factfinder.census.gov/bkmk/table/01/en/ACS/13_1YR/B14002/0400000US15)>; "B14003. Sex by School Enrollment by Type of School by Age for the Population 3 Years and Over" <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13\\_1YR/B14003/0400000US15](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13_1YR/B14003/0400000US15)> accessed February 20, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 3.02-- EDUCATIONAL ATTAINMENT, BY SEX: 2013**

<b>Age and educational attainment</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>
Persons 18 to 24 years	136,925	75,755	61,170
Less than 9th grade	1,816	1,118	698
9th to 12th grade, no diploma	10,159	6,919	3,240
High school graduate, GED, or alternative	45,796	27,170	18,626
Some college, no degree	58,152	31,075	27,077
Associate's degree	8,294	4,247	4,047
Bachelor's degree	11,876	4,797	7,079
Graduate or professional degree	832	429	403
Persons 25 to 34 years	204,167	109,179	94,988
Less than 9th grade	1,837	944	893
9th to 12th grade, no diploma	7,424	3,882	3,542
High school graduate, GED, or alternative	53,487	33,244	20,243
Some college, no degree	52,348	29,577	22,771
Associate's degree	24,495	13,005	11,490
Bachelor's degree	48,110	22,607	25,503
Graduate or professional degree	16,466	5,920	10,546
Persons 35 to 44 years	177,174	90,996	86,178
Less than 9th grade	2,498	1,433	1,065
9th to 12th grade, no diploma	6,076	4,365	1,711
High school graduate, GED, or alternative	47,011	26,541	20,470
Some college, no degree	38,685	19,338	19,347
Associate's degree	20,857	10,676	10,181
Bachelor's degree	39,785	18,297	21,488
Graduate or professional degree	22,262	10,346	11,916
Persons 45 to 64 years	358,454	178,257	180,197
Less than 9th grade	11,459	4,663	6,796
9th to 12th grade, no diploma	18,806	10,351	8,455
High school graduate, GED, or alternative	90,533	46,395	44,138
Some college, no degree	82,200	41,340	40,860
Associate's degree	40,090	18,867	21,223
Bachelor's degree	76,542	38,590	37,952
Graduate or professional degree	38,824	18,051	20,773

Continued on next page.

**Table 3.02-- EDUCATIONAL ATTAINMENT BY SEX: 2013 -- Con.**

<b>Age and educational attainment</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>
Persons 65 years and over	220,108	97,997	122,111
Less than 9th grade	21,651	8,154	13,497
9th to 12th grade, no diploma	16,614	6,780	9,834
High school graduate, GED, or alternative	72,280	27,756	44,524
Some college, no degree	37,687	17,755	19,932
Associate's degree	14,614	7,092	7,522
Bachelor's degree	34,792	17,743	17,049
Graduate or professional degree	22,470	12,717	9,753

Source: U.S. Census Bureau, 2013 American Community Survey 1-Year Estimates, "B15001. Sex by Age by Educational Attainment for the Population 18 Years and Over" <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13\\_1YR/B15001/0400000US15](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13_1YR/B15001/0400000US15)> accessed February 23, 2015; 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 2013**

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
2012	90.4	30.1
2013	91.0	31.2

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;

U.S. Census Bureau, American Community Survey Office, 1 -Year American Community Survey "DP-2 Hawaii - Selected Social Characteristics in the United States"

(2005) <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/05\\_EST/DP2/0400000US15](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/05_EST/DP2/0400000US15)>

(2006) <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/06\\_EST/DP2/0400000US15](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/06_EST/DP2/0400000US15)>

(2007) <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/07\\_1YR/DP2/0400000US15](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/07_1YR/DP2/0400000US15)>

(2008) <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/08\\_1YR/DP2/0400000US15](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/08_1YR/DP2/0400000US15)>

(2009) <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/09\\_1YR/DP2/0400000US15](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/09_1YR/DP2/0400000US15)>

and U.S. Census Bureau, American Community Survey Office, 1 -Year American Community Survey "DP02 Hawaii - Selected Social Characteristics in the United States"

(2010) <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/10\\_1YR/DP02/0400000US15](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/10_1YR/DP02/0400000US15)>

(2011) <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/11\\_1YR/DP02/0400000US15](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/11_1YR/DP02/0400000US15)>

(2012) <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/12\\_1YR/DP02/0400000US15](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/12_1YR/DP02/0400000US15)>

(2013) <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13\\_1YR/DP02/0400000US15](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13_1YR/DP02/0400000US15)>

accessed February 23, 2015.

**Table 3.04-- EDUCATIONAL ATTAINMENT OF PERSONS 25 YEARS OLD AND OVER, BY COUNTY: 2013**

<b>Subject</b>	<b>State total</b>	<b>Hawaii</b>	<b>Honolulu</b>	<b>Kauai</b>	<b>Maui</b>
Population 25 years and over	959,903	132,988	666,172	48,492	112,177
Percent					
High school graduate or higher	91.0	91.8	90.5	90.8	93.0
With bachelor's degree or higher	31.2	25.7	33.4	24.8	27.4

Source: U.S. Census Bureau, 2013 American Community Survey 1-Year Estimates, "Selected Social Characteristics in the United States: 2013" <[http://factfinder.census.gov/bkmk/table/0.1/en/ACS/13\\_1YR/DP02/0400000US15|0400000US15.05000](http://factfinder.census.gov/bkmk/table/0.1/en/ACS/13_1YR/DP02/0400000US15|0400000US15.05000)> accessed February 23, 2015.

**Table 3.05-- YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS OLD AND OVER, FOR THE UNITED STATES AND HAWAII: 2013**

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	210,911	86.6	0.1	29.6	0.1
Hawaii	960	91.0	0.5	31.2	0.8
Rank 1/	41	12	(X)	18	(X)

X Not applicable.

1/ Among the 50 states and District of Columbia.

Source: U.S. Census Bureau, 2013 American Community Survey 1-Year Estimates, "DP02. Selected Social Characteristics in the United States" (Hawaii) <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13\\_1YR/DP02/0400000US15](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13_1YR/DP02/0400000US15)>; "DP02. Selected Social Characteristics in the United States" (U.S.) <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13\\_1YR/DP02](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13_1YR/DP02)>; "R1501. Percent of Population 25 Years and Older Who Have Completed High School" <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13\\_1YR/R1501.US01PRF](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13_1YR/R1501.US01PRF)>; "R1502. Percent of Population 25 Years and Older Who Have Completed a Bachelor's Degree" <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13\\_1YR/R1502.US01PRF](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13_1YR/R1502.US01PRF)>; "DP05. ACS Demographic and Housing Estimates" <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13\\_1YR/DP05/0100000US.04000](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13_1YR/DP05/0100000US.04000)> accessed February 24, 2015, and calculations by the Hawaii State Department of Economic Development & Tourism.

**Table 3.06-- PRIVATE EDUCATIONAL SERVICES (NAICS 61),  
BY TYPE OF SERVICE: 2012**

[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]

<b>NAICS code</b>	<b>Type of service</b>	<b>Establishments (number)</b>	<b>Receipts/ Revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Paid employees for pay period including March 12 (number)</b>
611	Educational services	347	158,389	51,088	2,410
6114	Business schools, & computer & management training	30	11,350	4,825	145
6115	Technical & trade schools	45	28,468	8,958	272
6116	Other schools & instruction	249	101,704	30,329	1,834
6117	Educational support services	23	16,867	6,976	159

Source: U.S. Census Bureau, 2012 Economic Census, Sector 61: EC1200A1: Educational Services: Geographic Area Series: Summary Statistics: 2012 <[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/00A1/0400000US15/naics~ALL-61](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/00A1/0400000US15/naics~ALL-61)> accessed May 1, 2015.



**Table 3.07-- PRIVATE EDUCATIONAL SERVICES (NAICS 611),  
BY TYPE OF SERVICE: 2012**

[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	509	122	18,028	576,754
6111	Elementary & secondary schools	122	72	9,627	365,444
6112	Junior colleges	4	3	324	12,182
6113	Colleges, universities & professional schools	24	14	5,417	145,644
6114	Business schools, & computer & management training	28	1	143	4,792
6115	Technical & trade schools	48	4	335	9,800
6116	Other schools & instruction	253	26	1,920	31,303
6117	Educational support services	30	2	262	7,589

Source: U.S. Census Bureau, *2012 County Business Patterns* <<http://www.census.gov/econ/cbp/index.html>> accessed February 24, 2015, and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**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]

<b>Education level</b>	<b>Total expenditure</b>	<b>Instruction</b>	<b>Instruc-tional support</b>	<b>Leadership</b>	<b>Operations</b>	<b>Other commitments</b>
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: 2012-2013 & 2013-2014**

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

<b>Item</b>	<b>Total</b>	<b>General</b>	<b>Federal</b>	<b>Special</b>	<b>Trust</b>
2012-2013					
State budget appropriation	2,515.0	2,100.0	285.0	97.0	33.0
Total expenditures	2,413.0	2,071.0	279.0	56.0	7.0
Personnel services	1,597.0	1,430.0	128.0	37.0	2.0
Other	816.0	641.0	151.0	19.0	5.0
Unencumbered balance	102.0	29.0	6.0	41.0	26.0
2013-2014					
State budget appropriation	2,671.0	2,263.0	289.0	95.0	24.0
Total expenditures	2,562.0	2,225.0	289.0	40.0	8.0
Personnel services	1,710.0	1,547.0	140.0	20.0	3.0
Other	852.0	678.0	149.0	20.0	5.0
Lapsed ceiling	71.0	-	-	55.0	16.0

Source: Hawaii State Department of Education, Office of Fiscal Services, Department of Education *Financial Report, July 1, 2012 - June 30, 2013* (December 2014)  
<<http://www.hawaiipublicschools.org/Reports/FinRep2012-13.pdf>> accessed on May 1, 2015;  
*Financial Report, July 1, 2013 - June 30, 2014* (January 2015)  
<<http://www.hawaiipublicschools.org/Reports/FinRep2013-14.pdf>> accessed on April 28, 2015.

**Table 3.10-- BUDGETED FUNDS, EXPENDITURES, PUPIL COST, ENROLLMENT AND NUMBER OF SCHOOLS: 2012-2013 TO 2013-2014**

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

Item	2012-2013	2013-2014	Percent change, 2012-2013 to 2013-2014
Appropriated funds total	2,515.0	2,671.0	6.2
General funds	2,100.0	2,263.0	7.8
Federal funds	285.0	289.0	1.4
Special funds	97.0	95.0	-2.1
Trust funds	33.0	24.0	-27.3
Expenditures total	2,413.0	2,562.0	6.2
General funds	2,071.0	2,225.0	7.4
Federal funds	279.0	289.0	3.6
Special funds	56.0	40.0	-28.6
Trust funds	7.0	8.0	14.3
Per pupil cost (dollars) 1/	11,629	12,226	5.1
Enrollment total (number) 1/	183,251	185,273	1.1
Regular/special schools (number)	173,658	175,476	1.0
Charter schools (number)	9,593	9,797	2.1
Schools (number)	286	288	0.7
Regular/special schools	254	255	0.4
Charter schools	32	33	3.1

1/ Based on official enrollment.

Source: Hawaii State Department of Education, Office of Fiscal Services, *Department of Education Financial Report, July 1, 2013 - June 30, 2014*, (January 2015) <<http://doe.k12.hi.us/reports/financialreports/FinancialReport13-14.pdf>> accessed on May 5, 2015.

**Table 3.11-- GENERAL FUND BUDGET AND EXPENDITURES:  
2012-2013 TO 2013-2014**

[In dollars. Fiscal year ending June 30]

<b>Programs</b>	<b>2012-2013</b>	<b>2013-2014</b>
General fund budget 1/	2,100,110,355	2,263,173,864
Total expenditures	1,800,419,948	1,939,320,559
Instruction & related services	1,459,625,407	1,586,084,825
Instructional support	36,280,671	36,642,346
School support services	254,577,100	264,776,197
Support services	49,936,770	51,817,191
Exclusions 2/	270,424,385	285,452,206
Adult education	3,696,808	3,477,375
Capitalized equipment expenditures	13,495,033	9,038,712
Debt service	253,232,544	272,936,119
Total expenditures & exclusions	2,070,844,333	2,224,772,765
Ending budget balance	29,266,022	38,401,099

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, 2013 - June 30, 2014* (January 2015)

<[www.hawaiipublicschools.org/Reports/FinRep2013-14.pdf](http://www.hawaiipublicschools.org/Reports/FinRep2013-14.pdf)> accessed on May 1, 2015.

**Table 3.12-- PUBLIC SCHOOL ENROLLMENT BY GRADE, BY COUNTY:  
2014-2015**

<b>Grade</b>	<b>State total</b>	<b>Hawaii</b>	<b>Maui</b>	<b>Honolulu</b>	<b>Kauai</b>	<b>Charter schools</b>
All grades	182,384	23,079	21,076	118,463	9,331	10,435
Nursery	1,489	204	126	1,081	56	22
Kindergarten	10,908	1,314	1,361	6,800	651	782
1	15,227	1,944	1,766	9,833	719	965
2	14,849	1,828	1,750	9,669	719	883
3	14,186	1,721	1,645	9,307	675	838
4	13,848	1,745	1,631	8,918	686	868
5	13,374	1,588	1,504	8,720	691	871
6	12,652	1,465	1,400	8,210	641	936
7	12,260	1,418	1,382	8,041	588	831
8	11,229	1,362	1,219	7,297	539	812
9	12,998	1,668	1,570	8,524	666	570
10	11,625	1,482	1,363	7,619	644	517
11	10,873	1,419	1,248	7,112	660	434
12	9,516	1,315	1,193	6,161	540	307
Special Ed.	17,350	2,606	1,918	11,171	856	799

Source: Hawaii State Department of Education <<http://www.hawaiipublicschools.org/DOE%20Forms/Enrollment/DOEnrollment2014-15.xlsx>> accessed February 27, 2015; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 3.13-- FEDERALLY-CONNECTED PUPILS IN PUBLIC SCHOOLS:  
FALL, 1996 TO 2014**

<b>Year</b>	<b>All federally-connected pupils</b>	<b>Percent of total enrollment</b>	<b>Includes dependents whose parents live and work on federal property</b>	<b>Includes dependents whose parents live on or work on federal property</b>
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	30,150	16.7	11,587	18,563
2012	28,976	15.6	11,047	17,929
2013 1/	22,324	11.9	9,001	13,323
2014	27,660	15.1	9,881	17,779

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Education, records.

**Table 3.14-- HAWAII STATE HIGH SCHOOL GRADUATES BY PUBLIC AND PRIVATE HIGH SCHOOL: 1982 TO 2014**

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
2013	14,316	11,377	2,939
2014	14,140	11,234	2,906

Source: University of Hawaii, Institutional Research and Analysis Office  
 <<http://www.hawaii.edu/iro/maps.php?title=High+School+Background+of+First-Time+Students>>  
 accessed March 2, 2015, 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/>> accessed May 2, 2014.

**Table 3.16-- SELECTED CHARACTERISTICS OF PUBLIC SCHOOL TEACHERS:  
2001-2002 TO 2013-2014**

[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	10,871	95.5	13.1	61	33.9
2011-2012	10,862.5	10,927	96.5	12.2	62	34.8
2012-2013	10,826.0	10,886	96.8	13.2	62	35.3
2013-2014	10,922.0	10,984	96.7	13.2	60	36.1

NA Not available.

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

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

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

Source: Hawaii State Department of Education, *Trend Report: Educational and Fiscal Accountability*, various issues <<http://arch.k12.hi.us/school/trends/trends.html#>> accessed March 2, 2015.

**Table 3.17-- SELECTED CHARACTERISTICS OF PUBLIC SCHOOL STUDENTS:  
2001-2002 TO 2013-2014**

[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/ 15.7	5/ 80.8
2011-2012	94.6	93.2	95.2	11.0	5/ 15.1	5/ 81.4
2012-2013	94.3	93.0	95.6	10.8	5/ 6/ 14.3	5/ 6/ 82.9
2013-2014	94.5	93.2	96.2	9.4	5/ 14.5	5/ 82.2

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/ Starting in 2010-2011 the new Adjusted Cohort Graduation Rate methodology is used for a brief explanation 'See Trend Report Guide'.

6/ 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 March 2, 2015.

**Table 3.18-- ETHNICITY OF PUBLIC SCHOOL STUDENTS: SCHOOL YEAR 2013-2014**

Ethnicity	Students (percent)
Total	100.0
Asian, two or more	0.1
African American	2.9
Chinese	3.2
Filipino	22.2
Guamanian/Chamorro	0.3
Hispanic	3.8
Indo-Chinese	1.2
Japanese	9.2
Korean	1.2
Micronesian	4.0
Multiple two or more	1.5
Native American	0.6
Native Hawaiian	26.4
Other Asian	0.5
Other Pacific Islander	0.5
Pacific Islander, two or more	0.0
Portuguese	1.6
Samoan	3.5
Tongan	0.7
White	16.6
White, two or more	0.0

Source: State of Hawaii, Department of Education, Assessment and Accountability Branch, records.

**Table 3.19-- ETHNICITY OF PUBLIC SCHOOL TEACHERS: SCHOOL YEAR 2012-2013**

Ethnicity	Teachers (percent)
Total	100.0
African-American	0.7
Caucasian	23.4
Chinese	3.7
Filipino	6.0
Hawaiian/Part-Hawaiian	9.2
Hispanic	0.3
Japanese	26.0
Korean	0.9
Native American	0.0
Samoan	0.4
Other	29.3

Source: State of Hawaii, Department of Education, Assessment and Accountability Branch, records.

**Table 3.20-- SAT SCORE AVERAGE: 2002 TO 2014**

[Recalibrated average, not directly comparable to earlier data reported in *Data Book* 1995, table 3.17. Formerly known as the Scholastic Assessment 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	504	482	470	515	500	491
2011	500	479	469	514	497	489
2012	500	478	467	514	496	488
2013	504	481	468	514	496	488
2014	504	484	472	513	497	487

NA Not available.

1/ Formerly verbal, before 2006.

Source: Hawaii State Department of Education, News Release

<<http://lilinode.k12.hi.us/STATE/COMM/DOEPRESS.NSF/a1d7af052e94dd120a2561f7000a037c/ef4b82e1e7982c870a257a8400075185?OpenDocument>> accessed February 11, 2013 and various issues; and College Board: 2014 College-Bound Seniors, Total Group and State Profile Report (U.S. and Hawaii) <<https://www.collegeboard.org/>> accessed May 14, 2015.

**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]

<b>Subject and level</b>	<b>Grade 3</b>	<b>Grade 4</b>	<b>Grade 5</b>	<b>Grade 6</b>	<b>Grade 7</b>	<b>Grade 8</b>	<b>Grade 10</b>
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 2013**

[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]

<b>Subject and level</b>	<b>Grade 3</b>	<b>Grade 4</b>	<b>Grade 5</b>	<b>Grade 6</b>	<b>Grade 7</b>	<b>Grade 8</b>	<b>Grade 10</b>
Reading	71	73	72	74	71	73	69
Math	66	65	61	59	55	59	46

Source: Hawaii State Department of Education, News Release.  
<<http://www.hawaiipublicschools.org/TeachingAndLearning/Testing/StateAssessment/Pages/home.aspx>>  
accessed April 3, 2014.



**Table 3.23-- HEADCOUNT ENROLLMENT AT THE UNIVERSITY OF HAWAII, BY CAMPUS: FALL 2008 TO 2014**

[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	Graduates			
2008	53,526	20,169	13,438	5,540	1,157	3,773	1,140
2009	57,945	20,435	13,583	5,726	1,080	3,974	1,333
2010	60,090	20,337	13,599	5,726	971	4,079	1,471
2011	60,330	20,429	14,054	5,475	842	4,139	1,662
2012	60,295	20,426	14,279	5,243	822	4,157	1,997
2013	58,941	20,006	13,583	5,726	799	4,043	2,361
2014	57,052	19,507	13,667	4,893	836	3,924	2,661

Year	UH Community Colleges							
	Total	Honolulu	Kapiolani	Leeward	Windward	Hawaii	Kauai	Maui
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
2013	32,531	4,368	8,376	7,976	2,799	3,406	1,530	4,076
2014	30,960	4,144	7,994	7,742	2,661	3,186	1,424	3,809

1/ The "Unclassified" category at UH Manoa includes no data on educational level. Figures revised from previous *Data Books* since the count of students home-based at other UH campuses was erroneously included.

Source: University of Hawaii, Institutional Research and Analysis Office <<https://www.hawaii.edu/institutionalresearch/enrReport.action?reportId=ENRT00>> accessed March 4, 2015, and records.

**Table 3.24-- DEGREES, DIPLOMAS, AND CERTIFICATES AWARDED BY THE UNIVERSITY OF HAWAII: 2001 TO 2014**

Year ended June 30	University of Hawaii at Manoa						Univ. of Hawaii West Oahu
	Bachelor's	Master's	Doctorate	First professional 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
2013	3,202	1,049	229	192	65	-	349
2014	3,378	1,121	194	190	66	-	352

Year ended June 30	University of Hawaii at Hilo					UH Community Colleges			
	Certificates 3/	Bachelor's	Master's 4/	Doctorate 5/	First professional 6/	Certificates 7/	Associate's degree	Bachelor'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	579	3,054	7	-
2013	-	676	46	1	86	754	3,336	9	-
2014	-	665	58	-	83	711	4,440	13	-

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?reportId=MAPS\\_DEG\\_TOC](https://www.hawaii.edu/institutionalresearch/degreeReport.action?reportId=MAPS_DEG_TOC)> accessed March 5, 2015, and records.

**Table 3.25-- UNIVERSITY OF HAWAII CURRICULA, TUITION, FINANCES,  
AND FACULTY AND STAFF: 2012 TO 2014**

Subject	2012 1/	2013 1/	2014
Curricula offered at Manoa Campus	300	301	305
Bachelor's degree programs	96	97	100
Master's degree programs	84	85	85
Doctoral programs	52	52	53
Other programs 2/	68	67	67
Tuition per semester (full-time undergraduate, regular session) (dollars) 3/			
Manoa Campus: Resident	4,332	4,572	4,920
Nonresident	12,456	13,356	14,316
Hilo: Resident	2,940	3,096	3,324
Nonresident	8,736	8,976	9,324
West Oahu: Resident	2,796	3,048	3,324
Nonresident	8,328	8,808	9,324
Community colleges: Resident 4/	1,212	1,272	1,368
Nonresident 4/ 5/	3,730	3,648	3,792
Finances, fiscal year ending June 30			
Current fund revenues (\$1,000)	1,216,529	1,219,359	1,272,734
Current fund expenditures (\$1,000)	1,340,983	1,363,606	1,463,132
Faculty and staff, October 6/	10,290	10,507	10,318
Board of Regents appointees	8,902	9,064	8,897
Full-time	5,958	6,038	6,009
Part-time	2,944	3,026	2,888
Civil service personnel	1,388	1,443	1,421
Full-time	1,327	1,372	1,355
Part-time	61	71	66

1/ Revised from previous *Data Book*.

2/ Includes undergraduate and graduate certificate programs, first professional degree programs (JD, MD, Arch), and post-baccalaureate in education and professional diploma in education.

3/ 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.

4/ 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.

5/ 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.

6/ Includes persons on leave without pay.

Source: University of Hawai'i, Institutional Research and Analysis Office

<<http://www.hawaii.edu/cgi-bin/iro/maps?cuuhf13.pdf>>

<<http://www.hawaii.edu/cgi-bin/iro/maps?cuuhf14.pdf>>

<<http://hawaii.edu/iro/maps.php?title=Tuition+and+Fees+Schedule>>

<<https://www.hawaii.edu/institutionalresearch/facstaffReport.action?reportId=FAC01>>

accessed May 13, 2015, and records.

**Table 3.26-- ENROLLMENT AND EARNED DEGREES CONFERRED, FOR PRIVATE COLLEGES AND UNIVERSITIES: 2009 TO 2014**

[Excludes extension programs of mainland and foreign schools, unaccredited institutions, and other limited or specialized curriculum programs]

Year and institution 1/	Fall enrollment 2/			Earned degrees conferred 3/		
	Total	Undergrad.	Graduate	Associate's	Bachelor's	Master's
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
2013, total	12,175	10,305	1,870	390	1,894	674
Brigham Young	2,687	2,687	-	117	659	-
Chaminade	2,752	2,036	716	112	315	259
Hawaii Pacific	6,736	5,582	1,154	161	920	415
2014, total	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Brigham Young	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chaminade	2,756	2,055	701	89	379	298
Hawaii Pacific	5,827	4,835	992	146	925	421

NA Not available.

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 2010 AND FALL 2012**

Category	Freshman students 1/	Freshmen students 2/	
		Total	In 4-year colleges
Fall 2010			
Students enrolled in state 3/	10,937	7,374	3,974
Student residents of state 4/	12,248	8,683	5,138
Students remaining in state 5/	8,849	5,862	2,549
Migration of students			
Out of state	3,399	2,821	2,589
Into state	2,088	1,512	1,425
Net migration	-1,311	-1,309	-1,164
Fall 2012			
Students enrolled in state 3/	10,271	7,578	4,274
Student residents of state 4/	11,785	9,036	5,669
Students remaining in state 5/	8,223	6,091	2,900
Migration of students			
Out of state	3,562	2,945	2,769
Into state	2,048	1,487	1,374
Net migration	-1,514	-1,458	-1,395

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 232-234, <<http://nces.ed.gov/pubs2012/2012001.pdf>> accessed July 13, 2012;

U.S. Department of Education, National Center for Education Statistics, Institute of Education Sciences, *Digest of Education Statistics 2013* (2015-001), May 2015, Tables 309.10-309.30, <<http://nces.ed.gov/pubs2015/2015011.pdf>> accessed May 14, 2015.

**Table 3.28-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY  
SYSTEM: 2008 TO 2014**

<b>Subject</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Library locations, June 30							
State	51	51	51	50	50	50	50
Oahu	24	24	24	24	24	24	24
Other islands 1/	27	27	27	26	26	26	26
Personnel, June 30	555.55	555.55	555.55	555.55	555.00	555.00	547.50
Hours open 2/	95,121	94,550	85,283	91,596	93,337	91,760	92,285
Collections, June 30 (1,000)	3,791	3,658	3,715	3,776	3,831	3,787	3,724
Circulation, year ended June 30 (1,000)	7,020	7,228	6,959	6,961	6,938	6,646	6,520
eBooks/Audio/Music circulation, year ended June 30	30,654	40,277	63,917	97,958	145,355	192,683	356,120
Customer visits (1,000)	5,891	6,020	5,337	4,869	5,347	5,153	4,875
Reference questions (1,000)	895	876	793	730	692	667	674
Public computers	530	537	520	521	688	769	775
Sites with wireless service	-	2	2	2	50	50	50
Internet sessions 3/	541,320	483,395	448,944	488,191	684,177	855,967	900,662
Library programs	4,781	3,767	3,337	2,844	3,506	3,579	3,956
Attendance	161,005	145,767	135,407	106,218	114,703	127,446	128,671
Group visits	7,841	7,760	5,297	5,731	5,191	5,455	5,564
Attendance	151,839	157,128	104,996	113,944	107,385	113,112	119,454

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/ Due to institution of privacy measures, no user count is available as of fiscal year 2008; wireless service sessions via patrons' personal devices included as of fiscal year 2009.

Source: Hawaii State Public Library System, Office of the State Librarian, records.

**Table 3.29-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY SYSTEM,  
BY COUNTY: 2014**

[As of June 30]

<b>County</b>	<b>Library locations</b>	<b>Personnel</b>	<b>Circulation</b>	
State total	50	547.50	6,519,688	
Oahu	24	417.50	3,998,991	
Hawaii 1/	12	58.00	1,092,155	
Kauai	6	30.00	430,414	
Maui 2/	8	42.00	642,008	
Statewide eBooks/eAudio	(NA)	(NA)	356,120	
	<b>Collections</b>			
<b>County</b>	<b>Books</b>	<b>Periodical subscriptions</b>	<b>DVDs and video tapes</b>	<b>Sound recordings</b>
State total	3,313,096	2,705	155,984	252,371
Oahu	2,114,658	1,260	80,781	79,141
Hawaii 1/	519,109	541	33,777	29,054
Kauai	252,262	226	17,296	9,427
Maui 2/	392,194	631	23,829	19,812
State Library for the Blind and Physically Handicapped 3/	34,873	47	301	114,937

NA Not available.

1/ Holualoa Public Library closed permanently in 2011.

2/ Includes libraries on Lanai (one location), Maui (six locations), and Molokai (one 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: 2013 AND 2014**

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/	
	2013	2014	2013	2014	2013	2014	2013	2014
All campuses	3,508,540	3,649,201	398,753	356,541	3/ 278,602	274,764	3,744,410	4,249,342
UH Manoa, total	2,862,730	2,971,799	260,150	213,617	3/ 187,033	199,354	2,489,910	2,916,332
University of Hawaii at Manoa	2,811,788	2,920,113	245,665	207,346	168,339	180,294	2,169,343	2,709,221
UH Manoa Law Library	44,119	44,562	12,322	5,685	134,839	154,800	100,433	97,473
UH Manoa Health Sciences Library 4/	6,823	7,124	2,163	586	124,469	146,184	220,134	109,638
University of Hawaii-West Oahu	27,670	38,102	4,362	5,116	139,850	175,683	55,254	84,418
University of Hawaii at Hilo 5/	232,120	238,380	50,180	44,866	147,494	172,612	617,408	604,337
UH Center West Hawaii	4,352	5,076	1,190	899	120,332	140,962	1,992	2,272
University of Hawaii Maui College 6/ 7/	64,361	69,344	21,548	19,833	120,356	140,987	(NA)	196,965
Community colleges, total 4/ 5/	317,307	326,500	61,323	72,210	3/ 158,246	149,976	579,846	445,018
Honolulu	62,537	64,820	5,319	7,464	157,609	147,652	51,925	(NA)
Kapiolani	76,925	78,518	17,597	16,027	120,817	141,743	235,069	222,315
Leeward	71,771	71,722	23,074	31,679	120,337	141,667	211,583	141,831
Windward	43,738	48,264	10,291	11,579	120,479	141,143	72,443	68,910
Kauai	62,336	63,176	5,042	5,461	120,332	141,619	8,826	11,962

NA Not available.

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.

7/ Maui College became a 4-year college in 2013.

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.

**Table**  
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Narrative

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**Table 4.01-- ACTUAL INDEX OFFENSES KNOWN TO THE POLICE,  
BY COUNTY: 1996 TO 2013**

[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/				
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	34.3	32,982	5,201	2,861	6,296
2012	46,797	33.6	31,781	5,799	2,803	6,414
2013	(NA)	(NA)	33,820	5,833	(NA)	6,154

NA Not available.

1/ Annual rate per 1,000 resident population based on July 1 estimates by the U.S. Census Bureau, as revised through December 2014. 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 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 June 2, 2015 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 Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2014" (NST-EST2014-01) (December 2014) <<http://www.census.gov/popest/data/state/totals/2014/tables/NST-EST2014-01.xls>> accessed December 23, 2014; 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: 2003 TO 2012**

[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]

<b>Offense</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
All Index Offenses (excluding arson)	69,267	63,665	64,067	58,347	56,411
Murder	22	33	25	22	25
Forcible rape	367	361	310	364	377
Robbery	1,168	963	1,022	1,150	1,122
Aggravated assault	1,843	1,917	2,075	2,103	2,021
Burglary	11,409	10,719	10,073	8,755	9,089
Larceny-theft	44,807	41,045	41,704	38,234	37,494
Motor vehicle theft	9,651	8,627	8,858	7,719	6,283
Arson	509	529	645	696	554
<b>Offense</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
All Index Offenses (excluding arson)	49,454	51,066	49,270	47,340	46,797
Murder	26	23	25	21	21
Forcible rape	363	385	377	353	279
Robbery	1,085	1,030	1,065	994	1,125
Aggravated assault	2,036	2,112	2,136	2,098	1,953
Burglary	9,404	9,244	8,706	8,165	7,653
Larceny-theft	31,424	33,415	31,681	31,240	31,901
Motor vehicle theft	5,116	4,857	5,280	4,469	3,865
Arson	509	501	441	357	312

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 January 17, 2014 and records.

**Table 4.03-- ACTUAL OFFENSES KNOWN TO POLICE AND OFFENSES CLEARED BY ARREST OR OTHERWISE, BY CLASS OF OFFENSE: 1996 TO 2012**

[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/
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)
2012	46,797	105,734	(NA)	(NA)	17.5	(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 January 17, 2014 and records.

**Table 4.04-- ACTUAL OFFENSES KNOWN TO POLICE, BY CLASS  
OF OFFENSE, BY COUNTY: 2011 TO 2013**

[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]

<b>County</b>	<b>Index 1/</b>	<b>Part II 2/</b>
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
2012, total	46,797	105,734
Honolulu	31,781	57,838
Hawaii	5,799	13,993
Kauai	2,803	6,045
Maui	6,414	27,858
2013, total	(NA)	(NA)
Honolulu	33,820	57,035
Hawaii	5,833	14,216
Kauai	(NA)	(NA)
Maui	6,154	27,224

NA Not available.

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 June 2, 2015 and records.

**Table 4.05-- ACTUAL INDEX OFFENSES KNOWN TO POLICE AND INDEX OFFENSES CLEARED BY ARREST OR OTHERWISE, FOR THE STATE AND OAHU: 2012 AND 2013**

[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
2012 All Index Offenses, total (excluding arson)	46,797	31,781	17.5	16.0
Murder	21	11	85.7	81.8
Forcible rape	279	165	43.0	49.1
Robbery	1,125	914	33.0	29.5
Aggravated assault	1,953	1,246	56.4	52.6
Burglary	7,653	4,713	8.8	6.8
Larceny-theft	31,901	21,978	17.4	16.5
Motor vehicle theft	3,865	2,754	8.4	4.3
Arson	312	210	9.0	8.1
2013 All Index Offenses, total (excluding arson)	(NA)	33,820	(NA)	14.4
Murder	(NA)	18	(NA)	77.8
Forcible rape	(NA)	221	(NA)	47.5
Robbery	(NA)	743	(NA)	29.7
Aggravated assault	(NA)	1,294	(NA)	51.5
Burglary	(NA)	4,813	(NA)	5.4
Larceny-theft	(NA)	23,059	(NA)	15.2
Motor vehicle theft	(NA)	3,672	(NA)	3.2
Arson	(NA)	389	(NA)	5.7

NA Not available.

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 June 2, 2015.

**Table 4.06--REPORTED OFFENSES, BY HONOLULU  
POLICE DISTRICT: 2011 TO 2013**

[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]

<b>Offense</b>	<b>Hono- lulu</b>	<b>Wahia- wa</b>	<b>Pearl City</b>	<b>Wind- ward Oahu</b>	<b>Kalihi</b>	<b>Waikiki</b>	<b>East Hono- lulu</b>	<b>Kapolei/ Waianae</b>
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
2012, total	5,492	2,606	4,496	3,608	3,872	3,929	3,630	4,636
Murder	2	1	2	1	1	1	1	2
Forcible rape	21	12	21	21	24	20	12	38
Robbery	176	49	147	58	128	180	77	107
Aggravated assault	213	108	160	127	174	135	102	250
Burglary	417	460	616	673	561	467	744	825
Larceny-theft	4,173	1,762	3,088	2,437	2,607	2,873	2,289	3,037
Motor vehicle theft	490	214	462	291	377	253	405	377
2013, total	5,790	2,620	4,948	4,270	4,168	3,882	3,829	4,712
Murder	4	1	2	1	6	2	-	2
Forcible rape	40	27	31	24	22	25	11	49
Robbery	143	45	131	41	107	107	73	101
Aggravated assault	216	120	146	156	155	140	106	266
Burglary	464	438	718	757	528	397	695	870
Larceny-theft	4,298	1,724	3,264	2,941	2,816	2,918	2,392	2,957
Motor vehicle theft	625	265	656	350	534	293	552	467

Source: City and County of Honolulu, Honolulu Police Department, *Statistics* (annual report)  
<<http://www.honoluluupd.org/information/index.php?page=annual>> accessed May 5, 2015 and records.



**Table 4.07-- PERSONS ARRESTED FOR INDEX AND PART II OFFENSES,  
BY AGE AND SEX, AND BY COUNTY: 2013**

<b>Subject</b>	<b>State total</b>	<b>Honolulu</b>	<b>Hawaii</b>	<b>Maui</b>	<b>Kauai</b>
INDEX OFFENSES 1/					
Total	(NA)	4,708	1,199	1,650	(NA)
Juveniles	(NA)	968	188	142	(NA)
Male	(NA)	633	102	86	(NA)
Female	(NA)	335	86	56	(NA)
Adults	(NA)	3,740	1,011	1,508	(NA)
Male	(NA)	2,705	715	1,039	(NA)
Female	(NA)	1,035	296	469	(NA)
PART II OFFENSES 2/					
Total	(NA)	31,305	6,510	8,047	(NA)
Juveniles	(NA)	4,845	832	739	(NA)
Male	(NA)	2,926	395	466	(NA)
Female	(NA)	1,919	437	273	(NA)
Adults	(NA)	26,460	5,678	7,308	(NA)
Male	(NA)	20,931	4,271	5,470	(NA)
Female	(NA)	5,529	1,407	1,838	(NA)

NA Not available.

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 2013* <<http://ag.hawaii.gov/cpja/rs/cih/>> accessed June 2, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 4.08-- CHILD ABUSE AND NEGLECT REPORTS: 1975 TO 2013**

[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	2012	3,948	1,392
1987	4,741	2,555	2000	6,184	3,533	2013	3,752	1,329

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 October 14, 2013 and <<http://humanservices.hawaii.gov/ssd/home/child-welfare-services/child-abuse-and-neglect-reports/>> accessed June 2, 2015.

**Table 4.09-- CHARACTERISTICS OF CHILD ABUSE AND NEGLECT  
VICTIMS: 2010 TO 2013**

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

Subject	2010	2011	2012	2013
Total	1,523	1,397	1,368	1,315
Type 1/ Physical abuse	185	185	177	149
Neglect	189	231	207	214
Medical neglect	21	17	22	23
Sexual abuse	94	84	83	62
Psychological abuse	7	13	4	15
Threatened harm	1,420	1,137	1,084	1,057
County				
Hawaii	304	321	301	280
Honolulu	875	772	740	753
Kauai	81	89	98	80
Maui	263	215	229	202
Victim characteristics				
Age (percent)				
Less than one year to 4 years	41.3	44.2	42.8	44.1
5 to 11 years	34.1	30.7	33.7	34.1
12 to 17 years	24.4	24.8	23.4	21.2
Unknown	0.2	0.3	0.1	0.5
Females (percent)	53.2	50.0	50.7	50.9
Race (percent) 2/				
Hawaiian or Part Hawaiian	38.5	40.9	43.4	42.8
Mixed	18.7	16.9	15.6	16.8
White	11.2	10.7	12.6	13.5
Filipino	4.9	6.2	9.1	6.6
Samoan	2.4	2.3	2.3	3.4
Black 2/	1.9	2.9	2.1	3.5
Hispanic/Spanish 2/	3.2	1.9	2.9	2.7
Other 2/	5.0	6.7	7.5	6.2
Unknown/unable to determine	14.2	11.5	4.5	4.5

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/ Figures were revised for 2010 to 2012. Black and Hispanic/Spanish categories are now displayed which caused the figures for the "Other" category to change.

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-neglect-reports/>> accessed October 14, 2013 and <<http://humanservices.hawaii.gov/ssd/home/child-welfare-services/child-abuse-and-neglect-reports/>> accessed June 2, 2015.

**Table 4.10-- VALUE OF PROPERTY REPORTED STOLEN AND VALUE OF STOLEN PROPERTY RECOVERED, BY CATEGORY: 1990 TO 2012**

Year	Locally stolen motor vehicles			Other stolen property		
	Value stolen (\$1,000)	Value recovered 1/		Value stolen (\$1,000)	Value recovered 1/	
		Amount (\$1,000)	Percent		Amount (\$1,000)	Percent
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
2012	19,497.7	12,270.6	62.9	51,297.2	3,442.7	6.7

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 January 17, 2014; 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: 2012 AND 2013**

[In \$1,000, unless otherwise specified]

Subject	State total	Honolulu	Hawaii	Maui	Kauai
2012					
Value of property stolen	70,794.9	48,514.0	7,134.5	11,114.0	4,032.4
Motor vehicles	19,497.7	14,175.4	1,688.9	2,885.6	747.9
Other property	51,297.2	34,338.7	5,445.6	8,228.4	3,284.5
Value of stolen property recovered 1/	15,713.3	11,021.1	546.9	3,131.8	1,013.4
Motor vehicles	12,270.6	9,220.4	511.3	1,968.6	570.3
Other property	3,442.7	1,800.7	35.6	1,163.2	443.2
Percent of value recovered	22.2	22.7	7.7	28.2	25.1
Motor vehicles	62.9	65.0	30.3	68.2	76.3
Other property	6.7	5.2	0.7	14.1	13.5
2013					
Value of property stolen	(NA)	53,512.8	6,415.8	11,103.7	(NA)
Motor vehicles	(NA)	18,665.6	1,627.9	2,577.6	(NA)
Other property	(NA)	34,847.3	4,787.8	8,526.1	(NA)
Value of stolen property recovered 1/	(NA)	14,160.5	534.1	2,811.2	(NA)
Motor vehicles	(NA)	11,728.1	409.4	1,803.4	(NA)
Other property	(NA)	2,432.5	124.7	1,007.8	(NA)
Percent of value recovered	(NA)	26.5	8.3	25.3	(NA)
Motor vehicles	(NA)	62.8	25.1	70.0	(NA)
Other property	(NA)	7.0	2.6	11.8	(NA)

NA Not available.

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 June 2, 2015; and calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

**Table 4.12-- CRIME RATES FOR THE UNITED STATES AND HAWAII:  
2011 AND 2012**

[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/	
	2011	2012	2011	2012
Violent crime	387.1	386.9	252.1	242.6
Property crime	2,905.4	2,859.2	3,191.3	3,118.5

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.

Source: U.S. Department of Justice, Federal Bureau of Investigation, Criminal Justice Information Services Division, *Crime in the U.S., 2012* <<http://www.fbi.gov/about-us/cjis/ucr/crime-in-the-u.s/2012/crime-in-the-u.s.-2012>> accessed February 13, 2014; 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 January 17, 2014.

**Table 4.13-- AUTHORIZED POLICE PERSONNEL, BY COUNTY: 2014**

[As of December 31]

<b>Status</b>	<b>State total</b>	<b>Honolulu</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui</b>
Total	4,601	3,170	678	232	521
Sworn, active	3,121	2,138	448	151	384
Sworn, reserve	123	100	23	-	-
Training pool	407	360	37	10	-
Not sworn (civilian)	950	572	170	71	137
Police radio dispatcher	248	1/ 146	38	20	44

1/ Excludes operators who handle 911 calls only.

Source: County police departments, records.

**Table 4.14-- COURTS, JUDGES, MAGISTRATES, AND ATTORNEYS:  
2012 TO 2014**

[As of June 30 unless otherwise specified]

Subject	2012	2013	2014
Federal judges and magistrates: 1/			
U.S. Bankruptcy Court	1	1	1
U.S. District Court	6	7	7
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
District Courts 4/	37	38	38
Assigned to Family Court	14	15	15
Land Court	(5/)	(5/)	(5/)
Tax Appeal Court	(5/)	(5/)	(5/)
Attorneys licensed in Hawaii (includes judges) 6/	7,387	7,497	7,660
Active	4,670	4,737	4,813
Inactive	2,717	2,760	2,847

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 seven locations.

4/ 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 fourteen locations.

5/ Caseload assigned to Circuit Court judges.

6/ Data for 2012 as of March 29, 2012; for 2013 as of March 12, 2013 and for 2014 as of April 2014.

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 21, 2014.



**Table 4.15-- UNITED STATES DISTRICT COURT CASES:  
2010 TO 2014**

[Fiscal year ending September 30]

Subject	2010	2011	2012	2013	2014
Civil cases					
Commenced (filings)	742	821	764	707	710
Terminated 1/	642	750	806	797	748
Pending 1/	646	724	684	2/ 596	558
Criminal cases					
Commenced (filings)	551	813	301	261	211
Terminated	702	862	3/ 326	3/ 288	3/ 289
Pending 4/	528	479	3/ 460	3/ 453	3/ 390
Bankruptcy					
Commenced (filings)	3,862	3,566	2,672	2,313	1,805
Business	149	166	97	96	68
Nonbusiness	3,713	3,400	2,575	2,217	1,737
Terminated	3,290	3,290	2,868	2,307	1,920
Pending	2,646	2,927	2,731	2/ 2,738	2,623

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

2/ Revised from previous *Data Book*.

3/ 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.

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.

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 8, 2015.

**Table 4.16-- UNITED STATES BANKRUPTCY COURT CASES FILED UNDER CHAPTER 7, 11 AND 13 OF THE BANKRUPTCY CODE: 2000 TO 2014**

[Based upon original chapter designation at the time the case is originally filed. Table includes cases filed in 2014 which were on the caseload as of December 31, 2014]

Year	Chapter 7 1/			Chapter 11 2/			Chapter 13 3/		
	Total	Busi-ness	Per-sonal	Total	Busi-ness	Per-sonal	Total	Busi-ness	Per-sonal
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
2013	1,521	72	1,449	22	14	8	525	14	511
2014	1,204	45	1,159	11	8	3	488	7	481

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 (excerpt taken from Bankruptcy Division Public Information Series, Administrative Office of the United States Courts).

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:  
2012 TO 2014**

[Fiscal year ending June 30]

<b>Court and type of action</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Supreme Court	638	690	629
Primary cases	185	245	189
Appeals	52	79	86
Original proceedings	133	166	103
Supplemental proceedings	453	445	440
Intermediate Court of Appeals	3,371	3,728	3,406
Primary cases	580	566	532
Appeals	580	566	532
Supplemental proceedings	2,791	3,162	2,874
Circuit Courts Proper	18,792	17,449	13,495
Civil actions	7,013	6,002	5,036
Probate proceedings	1,404	1,417	1,488
Conservatorship/guardianship proceedings	231	223	243
Miscellaneous proceedings	5,526	5,272	1,974
Criminal actions	4,361	4,313	4,509
Part I offenses	2,016	2,120	2,236
Part II offenses	2,345	2,193	2,273
Trust proceedings	257	222	245
Family Courts	31,487	29,844	29,708
Marital actions and proceedings	5,548	5,467	5,251
Civil union actions and proceedings	4	4	15
Uniform interstate family support	509	458	473
Adoption proceedings	452	387	366
Parental proceedings	2,138	1,975	2,021
Domestic Abuse Protective Orders (Ch. 586)	5,169	5,318	5,295
Miscellaneous proceedings	3,161	2,839	2,568
Criminal actions	2,962	2,995	3,194
Children's referrals	11,544	10,401	10,525

Continued on next page.

**Table 4.17-- STATE JUDICIARY CASES FILED, BY TYPE OF ACTION:  
2012 TO 2014 -- Con.**

Court and type of action	2012	2013	2014
District Court	453,595	421,177	422,552
Civil	25,755	23,973	23,514
Regular civil	20,751	19,086	18,904
Small claims	5,004	4,887	4,610
Traffic	396,062	372,282	370,878
Criminal	31,946	26,306	34,971
Non criminal	216,644	209,255	194,600
Parking violations	140,717	129,534	134,184
Other violations 1/	38	5	28
Administrative reviews	6,717	7,168	7,095
Other violations	2,087	1,456	1,422
Criminal actions	29,691	23,466	26,738
Part I offenses	5,088	3,971	4,135
Part II offenses	24,603	19,495	22,603

1/ The "Ordinance violations" category was eliminated and this type of case is now a part of the "Other violations" category.

Source: The Judiciary, State of Hawaii, *Annual Report Statistical Supplement* (annual)  
<[http://www.courts.state.hi.us/news\\_and\\_reports/reports/annual\\_report\\_stat\\_sup\\_archive.html](http://www.courts.state.hi.us/news_and_reports/reports/annual_report_stat_sup_archive.html)> accessed May 5, 2015.

**Table 4.18-- STATE JUDICIARY CASES TERMINATED, BY TYPE OF ACTION:  
2012 TO 2014**

[Fiscal year ending June 30]

<b>Court and type of action</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Supreme Court	629	665	624
Primary cases	181	209	194
Appeals	54	40	91
Original proceedings	127	169	103
Supplemental proceedings	448	456	430
Intermediate Court of Appeals	3,356	3,751	3,437
Primary cases	562	608	559
Appeals	562	608	559
Supplemental proceedings	2,794	3,143	2,878
Circuit Courts Proper	13,763	12,724	11,172
Civil actions	4,007	4,257	5,324
Probate proceedings	453	330	360
Conservatorship/guardianship proceedings	127	104	98
Miscellaneous proceedings	5,507	4,725	1,454
Criminal actions	3,575	3,296	3,869
Part I offenses	1,562	1,586	1,907
Part II offenses	2,013	1,710	1,962
Trust proceedings	94	12	67
Family Courts	31,932	28,790	26,579
Marital actions and proceedings	5,886	5,587	4,347
Civil actions and proceedings	1	-	11
Uniform interstate family support	494	411	282
Adoption proceedings	524	389	216
Parental proceedings	1,764	1,445	1,442
Domestic Abuse Protective Orders (Ch. 586)	5,134	4,988	4,274
Miscellaneous proceedings	2,897	2,474	1,943
Criminal actions	2,790	2,472	2,927
Children's referrals	12,442	11,024	11,137

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**Table 4.18-- STATE JUDICIARY CASES TERMINATED, BY TYPE OF ACTION:  
2012 TO 2014 -- Con.**

Court and type of action	2012	2013	2014
District Court	440,365	406,150	398,888
Civil	21,001	18,872	19,011
Regular civil	16,899	14,841	14,752
Small claims	4,102	4,031	4,259
Traffic	392,946	357,405	355,906
Criminal	28,086	27,727	33,071
Non criminal	219,615	203,612	189,228
Parking violations	138,625	119,007	126,526
Other violations 1/	36	2	29
Administrative reviews	6,584	7,047	7,052
Other violations	1,744	1,369	1,264
Criminal actions	24,674	28,504	22,707
Part I offenses	4,247	4,228	3,994
Part II offenses	20,427	24,276	18,713

1/ The "Ordinance violations" category was eliminated and this type of case is now a part of the "Other violations" category.

Source: The Judiciary, State of Hawaii, Annual Report Statistical Supplement (annual)  
<[http://www.courts.state.hi.us/news\\_and\\_reports/reports/annual\\_report\\_stat\\_sup\\_archive.html](http://www.courts.state.hi.us/news_and_reports/reports/annual_report_stat_sup_archive.html)> accessed May 5, 2015.

**Table 4.19-- INMATES PRESENT IN STATE CORRECTIONAL FACILITIES:  
ANNUAL AVERAGE, 1997 TO 2014**

[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	3,539	1,550	325	1,005	608	6/ 37	6/ 14
2012	3,765	1,599	408	995	703	6/ 45	6/ 15
2013	3,804	1,739	479	928	610	6/ 37	6/ 11
2014	3,916	1,729	479	1,060	620	6/ 19	6/ 9

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 the Hawaii Youth Correctional Facility.

Source: Hawaii State Department of Public Safety, records; Hawaii State Department of Human Services, Office of Youth Services/Hawaii Youth Correctional Facility, records; and 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 2014**

[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]

Year	Median age (years) 1/		Average sentence (months)		
	At admission	Current	Felons admitted		Felons released 2/
			Minimum	Maximum	
1997	33.3	34.3	51.2	3/ 106.0	38.9
1998	33.5	34.9	45.2	3/ 105.2	36.7
1999	33.7	31.9	47.6	3/ 105.5	34.4
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	34.9	37.3	(NA)	(NA)	36.5
2002	33.8	32.8	(NA)	(NA)	34.7
2003	34.2	37.0	(NA)	(NA)	34.7
2004	34.9	37.1	(NA)	(NA)	31.2
2005	35.0	37.7	(NA)	(NA)	34.5
2006	34.5	37.8	(NA)	(NA)	38.9
2007	35.7	38.3	(NA)	(NA)	42.1
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
2013	34.6	40.6	(NA)	(NA)	49.0
2014	35.0	39.4	(NA)	(NA)	45.4

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 2014**

[Fiscal year ending June 30]

<b>Year</b>	<b>Population at contracted facilities</b>	<b>Assigned total inmate population 1/</b>	<b>Percent of total inmate population</b>
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
2013	1,415	5,853	24.2
2014	1,286	5,819	22.1

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](http://www.hawaii.gov/psd/psd_home.php)> accessed June 6, 2005 and records.

**Table 4.22-- HAWAII PAROLING AUTHORITY STATISTICAL SUMMARY:  
2011 TO 2014**

[Fiscal year ending June 30]

Item	2011	2012	2013	2014
Number of parolees, June 30 1/ 2/	1,839	1,632	1,589	1,647
In Hawaii 2/	1,791	1,590	1,535	1,579
Outside Hawaii 3/	280	268	269	257
In institution	96	59	46	41
Whereabouts unknown	48	42	54	68
Minimum imprisonment terms fixed	2,161	2,585	2,243	1,992
Number of persons for whom minimum terms fixed	622	744	692	676
Number of parole consideration hearings	2,188	2,246	2,392	2,561
Paroles granted	687	684	791	815
Paroles denied	1,232	1,346	1,407	1,520
Paroles deferred/continued	266	214	194	224
Escape	3	2	-	2
Persons considered for parole	1,852	1,612	1,844	1,917
Parole violation hearings	279	261	296	383
Parole revoked, returned to prison	236	217	232	312
Continued on parole/deferred	43	44	64	71
Pardon investigations conducted	96	54	4/ 231	86
Persons recommended for pardon	38	35	4/ 122	35
Persons discharged from parole	362	486	447	443
Full parole term before discharge	249	287	270	272
Early discharge	91	188	161	155
Deceased	22	11	16	16

1/ Includes courtesy supervision to 40 interstate cases as of June 30, 2014.

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 110 Hawaii cases being supervised on the U.S. mainland (interstate compact cases) as of June 30, 2014. Also includes 147 Hawaii cases that were deported, are in protective custody or have dual supervision as of June 30, 2014.

4/ There was a big effort to complete reports in fiscal year 2013 which was reflected in the figures.

Source: Hawaii State Department of Public Safety, Hawaii Paroling Authority, annual reports and "2014 Annual Statistical Report - Fiscal Year 2014 - July 1, 2013 to June 30, 2014 - Hawaii Paroling Authority" <<http://dps.hawaii.gov/wp-content/uploads/2015/02/2014-Annual-Report.pdf>> accessed May 11, 2015.

## 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.

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**Table 5.01-- GREAT CIRCLE DISTANCE BETWEEN SPECIFIED PLACES**

<b>Places</b>	<b>Statute miles</b>	<b>Nautical miles</b>	<b>Kilometers</b>
<b>DISTANCES FROM HONOLULU INTERNATIONAL AIRPORT</b>			
<b>Hawaiian Islands locations</b>			
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
<b>Other Pacific locations</b>			
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.**

<b>Places</b>	<b>Statute miles</b>	<b>Nautical miles</b>	<b>Kilometers</b>
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**

<b>Island and place</b>	<b>Latitude (North)</b>	<b>Longitude (West)</b>
Hawaii		
Hilo (International Airport)	19°43'	155°04'
Cape Kumukahi	19°31'	154°49'
Ka Lae	18°56'	155°41'
Keahole Point	19°44'	156°04'
Upolu Point	20°16'	155°51'
Geographic center of State (off Maui)	20°15'	156°20'
Maui		
Wailuku	20°53'	156°30'
Kahului (Airport)	20°54'	156°26'
Hana	20°45'	155°59'
Cape Hanamanioa	20°35'	156°25'
Lahaina	20°52'	156°41'
Kahoolawe		
Puu Moaulanui	20°34'	156°34'
Lanai		
Airport	20°48'	156°57'
Molokai		
Kaunakakai	21°05'	157°02'
Laaupoint	21°06'	157°19'
Cape Halawa	21°10'	156°43'
Oahu		
Honolulu: International Airport	21°20'	157°55'
Aloha Tower	21°19'	157°52'
Kaena Point	21°35'	158°17'
Kahuku Point	21°43'	157°59'
Makapuu Point	21°19'	157°39'
Diamond Head	21°16'	157°49'
Kauai		
Lihue (Kauai Airport)	21°59'	159°21'
Mana	22°02'	159°46'
Kilauea Point	22°14'	159°24'
Niihau		
Puuwai	21°54'	160°12'
Kure Atoll	28°25'	178°22'

Source: U.S. Board on Geographic Names, *Gazetteer No. 24, Hawaiian Islands* (1956); U.S. Geological Survey, *Elevations and Distances in the United States* (1980), pp. 17 and 22-23; U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Climatic Data Center, *Local Climatological Data, Annual Summary with Comparative Data, 1984* for Hilo, Kahului, Honolulu, and Lihue; Bernice P. Bishop Museum, records; 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-Marø Reef	155.5	250.3	12,300	3,749
Marø 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
Niihau	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-- HAWAIIAN COASTAL WATERS, BY ISLAND: 2006 TO 2014**

[Coastal waters means all waters surrounding the islands of the State from the coast of any island to a point three miles seaward from the coast, and in the case of streams, rivers, and drainage ditches, to a point three miles seaward from their point of discharge into the sea and includes those brackish waters, freshwaters and saltwaters that are subject to the ebb and flow of the tide. (HAR §11-54-1 & HRS §342D-1). Hawaii State Department of Health, Clean Water Branch assessed coastal waters for the following conventional pollutants: enterococci, total nitrogen, nitrates+nitrite, ammonia, total phosphorus, turbidity, and chlorophylla]

Island	Number of coastal waters 1/	Number of impaired 2/	Percentage of total impaired coastal waters	Island percentage of total impaired coastal waters
2006				
State total	522	210	40.2	100.0
Kauai	81	28	34.6	13.3
Oahu	176	68	38.6	32.4
Molokai	37	3	8.1	1.4
Lanai	17	6	35.3	2.9
Maui	122	72	59.0	34.3
Hawaii	89	33	37.1	15.7
2008-2010				
State total	522	207	39.7	100.0
Kauai	81	26	32.1	12.6
Oahu	176	65	36.9	31.4
Molokai	37	3	8.1	1.4
Lanai	17	8	47.1	3.9
Maui	122	72	59.0	34.8
Hawaii	89	33	37.1	15.9
2012				
State total	575	228	39.7	100.0
Kauai	88	26	29.5	11.4
Oahu	194	73	37.6	32.0
Molokai	36	3	8.3	1.3
Lanai	17	7	41.2	3.1
Maui	130	76	58.5	33.3
Hawaii	110	43	39.1	18.9

Continued on next page.

**Table 5.06-- HAWAIIAN COASTAL WATERS, BY ISLAND:  
2006 TO 2014 --Con.**

<b>Island</b>	<b>Number of coastal waters 1/</b>	<b>Number of impaired 2/</b>	<b>Percentage of total impaired coastal waters</b>	<b>Island percentage of total impaired coastal waters</b>
2014				
State total	577	266	46.1	100.0
Kauai	88	39	44.3	14.7
Oahu	196	78	39.8	29.3
Molokai	36	3	8.3	1.1
Lanai	17	7	41.2	2.6
Maui	130	77	59.2	28.9
Hawaii	110	62	56.4	23.3

1/ Number of coastal waters is based on the total number of scopes of assessments in the intergrated reports.

2/ Impaired coastal waters for one of more conventional pollutants.

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

**Table 5.07-- 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]

<b>Unit</b>	<b>Total area</b>	<b>Land area</b>	<b>Water area</b>
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 5.08-- HAWAIIAN PERENNIAL STREAMS, BY ISLAND: 2006 TO 2014**

[Perennial means fresh waters flowing year-round in all or part of natural channels, portions of which may be modified by humans. Flow in perennial streams may vary seasonally. Perennial streams may be subdivided into longitudinal zones, based on elevation and gradient: (1) headwater zone (elevation above 800 m (2600 ft) or gradient above 30 percent or both); (2) mid-zone (elevation between 50-800 m (165-2600 ft), or gradient between 5 and 30 percent or both); and (3) terminal zone (elevation below 50 m (165 ft) or gradient below 5 percent or both). Perennial streams may be either continuous or interrupted. Continuous perennial streams discharge continuously to the ocean in their natural state, and contain water in the entire length of the stream channel year-round. Interrupted perennial streams usually flow perennially in their upper reaches but only seasonally in parts of their middle or lower reaches, due to either downward seepage of surface flow (naturally interrupted) or to man-made water diversions (artificially interrupted) (HAR §11-54-1). Hawaii State Department of Health Clean Water Branch assessed coastal waters for the following conventional pollutants: enterococci, total nitrogen, nitrate+nitrite, ammonia, total phosphorus, turbidity, and chlorophyll a]

Island	Total number of streams 1/	Number of impaired 2/	Percentage of total impaired streams	Island percentage of total impaired streams
2006				
State total	168	91	54.2	100.0
Kauai	29	20	69.0	22.0
Oahu	50	44	88.0	48.4
Molokai	6	1	16.7	1.1
Lanai	-	-	0.0	0.0
Maui	48	10	20.8	11.0
Hawaii	35	16	45.7	17.6
2008-2010				
State total	168	92	54.8	100.0
Kauai	29	20	69.0	21.7
Oahu	50	44	88.0	47.8
Molokai	6	1	16.7	1.1
Lanai	-	-	0.0	0.0
Maui	48	11	22.9	12.0
Hawaii	35	16	45.7	17.4

Continued on next page.

**Table 5.08-- HAWAIIAN PERENNIAL STREAMS, BY ISLAND:  
2006 TO 2014 --Con.**

<b>Island</b>	<b>Total number of streams 1/</b>	<b>Number of impaired 2/</b>	<b>Percentage of total impaired streams</b>	<b>Island percentage of total impaired streams</b>
2012				
State total	168	91	54.2	100.0
Kauai	29	20	69.0	22.0
Oahu	50	43	86.0	47.3
Molokai	6	1	16.7	1.1
Lanai	-	-	0.0	0.0
Maui	48	11	22.9	12.1
Hawaii	35	16	45.7	17.6
2014				
State total	169	92	54.4	100.0
Kauai	30	21	70.0	22.8
Oahu	50	43	86.0	46.7
Molokai	6	1	16.7	1.1
Lanai	-	-	0.0	0.0
Maui	48	11	22.9	12.0
Hawaii	35	16	45.7	17.4

1/ Number of streams is based on individual stream not wet/dry season.

2/ Impaired streams for one of more conventional pollutants.

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



**Table 5.09-- LAND AREA, BY COUNTY: 2010**

[See maps]

<b>Measurement unit and type of area</b>	<b>State total</b>	<b>Hawaii</b>	<b>Maui</b>	<b>Kalawao</b>	<b>Honolulu</b>	<b>Kauai</b>
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 5.10-- LAND AREA, BY 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
Niihoa	0.271	0.701
Necker Island	0.071	0.183
French Frigate Shoals	0.096	0.249
Gardner Pinnacles	0.009	0.024
Maro Reef	Awash	Awash
Laysan Island	1.588	4.114
Lisianski Island	0.601	1.556
Pearl and Hermes Atoll	0.139	0.359
Kure Atoll	0.333	0.862

1/ Exclusive of the Midway Islands, which are part of the Hawaiian Archipelago but not legally part of the State of Hawaii.

Source: U.S. Census Bureau, 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 5.11-- 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 5.12-- AREA AND DEPTH OF SELECTED CRATERS**

<b>Island and crater</b>	<b>Area (acres)</b>	<b>Maximum depth (feet)</b>
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 5.13-- ELEVATION OF MAJOR SUMMITS**

[Elevation of the highest point on each island and other important peaks]

<b>Island and summit</b>	<b>Feet</b>	<b>Meters</b>
Hawaii		
Mauna Kea 1/	13,796	4,205
Mauna Loa	13,679	4,169
Hualalai	8,271	2,521
Kaumu o Kaleihoohe	5,480	1,670
Kilauea (Uwekahuna)	4,093	1,248
Kilauea (Halemaumau Rim)	3,660	1,116
Kahoolawe		
Puu Moaulanui	1,483	452
Puu Moaulaiki	1,434	437
Molokini	160	49
Maui		
Haleakala (Red Hill)	10,023	3,055
Haleakala (Kaupo Gap)	8,201	2,500
Puu Kukui	5,788	1,764
Iao Needle	2,250	686
Lanai		
Lanaihale	3,366	1,026
Molokai		
Kamakou	4,961	1,512
Olokui	4,606	1,404
Kalaupapa Lookout	1,600	488
Mauna Loa (Kukui)	1,430	436
Oahu		
Kaala	4,003	1,220
Puu Kalena	3,504	1,068
Konahuanui	3,150	960
Tantalus	2,013	614
Olomana	1,643	501
Koko Crater (Kohelepelepe)	1,208	368
Nuuanu Pali Lookout	1,186	361
Diamond Head	760	232
Koko Head	642	196
Punchbowl	500	152

Continued on next page.

**Table 5.13-- 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 5.14-- 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
	Waialele	(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 5.15-- MAJOR STREAMS, BY ISLAND**

<b>Island</b>	<b>Feature or stream</b>	<b>Length or average discharge</b>
<b>Longest water feature (miles)</b>		
Hawaii	Wailuku River	32.0
Maui	Kailiinui-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
<b>Largest perennial stream (miles) 1/</b>		
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
<b>Streams with greatest average discharge (million gal./day)</b>		
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 5.16-- LAKES AND LAKE-LIKE WATERS, BY ISLAND**

Island and lake	Type	Elevation (feet)	Area 1/ (acres)	Maximum depth (feet)
<b>Hawaii</b>				
Green Lake	Lake	3	2	20
Lake Waiiau 2/	Lake	13,020	2	10
Waiakea Pond	Tidal pond	(3/)	27	7
<b>Maui</b>				
Kanaha Pond	Marsh	(3/)	41	3
Kealia Pond	Marsh	(3/)	500	(NA)
Waialeale	Pond	6,690	0.5	21
<b>Molokai</b>				
Kauhako	Pool	(3/)	0.9	814
Kualapuu Reservoir	Reservoir	821	100	50
Meyer Lake	Impoundment	2,021	6-10	5
<b>Oahu</b>				
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
<b>Kauai</b>				
Nomilu Fishpond	Pond	(3/)	20	66
Waita Reservoir	Reservoir	241	424	23
<b>Niihau</b>				
Halalii Lake	Playa	(3/)	841-865	(NA)
Halulu Lake	Playa	(3/)	182-371	(NA)
<b>Laysan</b>				
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 5.17-- 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 5.18-- 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 5.19-- VOLCANIC ERUPTIONS: MAUNA LOA 1950 TO 1984,  
KILAUEA 1969 TO 2014**

[As of December 31, 2014. Four volcanoes have erupted in historical times: Haleakala, last active in 1460; Hualalai, last active in 1801; Mauna Loa, last active in 1984; Kilauea, still active]

Volcano and date of outbreak	Repose period since previous eruption (months)	Duration (days)	Location 1/	Altitude of main vent (meters)	Area covered (km <sup>2</sup> )	Volume (km <sup>3</sup> )
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/ 11,685	ER	900	2/ 137.9	2/ ~4.0
2008: March 19	-	2/ 2,478	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/ Volume erupted is 1,900,000 kg. (no volume), vent opening is 170 m. by 220 m.

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 5.20-- MAJOR EARTHQUAKES: 1838 TO 2014**

[As of December 31, 2014. 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 5.20-- MAJOR EARTHQUAKES: 1838 TO 2014 -- 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
2013: June 4, 2:12 PM	34 miles southeast of Pahala, Hawaii	5.3

Source: Augustine S. Furumoto, N. Norby Nielsen, and William R. Phillips, *A Study of Past Earthquakes, Isoleismic 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 5.21-- EARTHQUAKES WITH INTENSITIES ON OAHU OF  
V OR GREATER: 1859 TO 2014**

[As of December 31, 2014]

<b>Date</b>	<b>Epicentral location</b>	<b>Magnitude</b>	<b>Oahu average intensity (Modified Mercalli Scale 1/)</b>
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 5.22-- TSUNAMIS WITH RUN-UP OF 2 METERS (6.6 FEET)  
OR MORE: 1812 TO 2014**

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

Continued on next page.



**Table 5.22-- TSUNAMIS WITH RUN-UP OF 2 METERS (6.6 FEET)  
OR MORE: 1812 TO 2014--Con.**

Date	Place of observation	Source	Maximum height in Hawaii		Deaths in Hawaii	Damage in Hawaii
			Meters	Feet		
1975: Nov. 29	Keauhou Landing, Hawaii	S. Puna	14.3	47	2	\$1,500,000
2011: March 11	Kealakekua Bay, Hawaii	Japan	5.4	18	-	(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 January 23, 2015.

**Table 5.23-- MAJOR DAMS**

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

<b>Dam name</b>	<b>Nearest city</b>	<b>Purpose</b>	<b>Year completed</b>	<b>Height (ft.)</b>	<b>Length (ft.)</b>	<b>Drainage area (sq. miles)</b>	<b>Maximum storage (acre-ft.)</b>
Waita Reservoir	Koloa, Kauai	Irrigation	1906	23	3,250	3.36	9,900
Wahiawa Dam	Wahiawa, Oahu	Irrigation	1906	88	660	16.70	9,200
Kualapuu Reservoir	Kualapuu, Molokai	Irrigation, water supply	1969	57	7,100	0.21	5,082
Kaneohe Dam	Kaneohe, Oahu	Flood control, recreation	1980	83	2,200	2.45	4,500
Nuuanu Dam No. 4	Honolulu, Oahu	Flood control, recreation	1910	66	2,120	1.40	3,600
Alexander	Kalaheo, Kauai	Hydroelectric, irrigation	1931	112	600	2.86	2,540
Puukapu Dam	Waimea, Hawaii	Flood control	1965	12	4,340	3.05	1,450
Kaloko Reservoir	Kilauea, Kauai	Irrigation	1890	27	915	0.12	1,400
Wailua Reservoir	Wailua, Kauai	Irrigation	1920	40	1,080	0.88	1,223
Kapaia Reservoir	Kapaia, Kauai	Irrigation	1910	50	1,050	2.51	1,114
Ku Tree Reservoir	Wahiawa, Oahu	Other	1925	97	550	0.83	1,085
Papuaa Reservoir	Omao, Kauai	Irrigation	1914	43	2,000	1.75	921
Puu Lua Reservoir	Kekaha, Kauai	Fish & Wildlife pond, other	1925	105	640	0.08	888
Upper Helemano Reservoir	Waialua, Oahu	Irrigation	1912	46	530	0.45	700
Aepoeha Reservoir	Kukuila, Kauai	Irrigation	1913	42	600	0.81	670

Source: Hawaii State Department of Land & Natural Resources, Engineering Division, Flood Control & Dam Safety Section, records and Dam Inventory System, Hawaii State Department of Land & Natural Resources <<http://132.160.239.52/daminventory/>> accessed on March 23, 2015.

**Table 5.24-- FRESH WATER USE, BY TYPE, BY COUNTY: 2010**

[Million gallons per day]

Use	State total	Hawaii	Honolulu	Kalawao	Kauai	Maui
Total	1,273.77	134.68	799.23	0.01	61.77	278.08
Ground water	473.57	109.48	188.00	0.01	18.31	157.77
Public supply	258.07	42.29	162.98	0.01	13.22	39.57
Domestic	1.85	-	0.83	-	0.75	0.27
Industrial	4.63	-	4.61	-	-	0.02
Irrigation	100.94	10.10	15.21	-	-	75.63
Livestock	0.63	-	0.16	-	0.18	0.29
Aquaculture	2.14	1.46	0.68	-	-	-
Mining	1.40	0.69	0.50	-	0.12	0.09
Thermoelectric	103.91	54.94	3.03	-	4.04	41.90
Surface water	800.20	25.20	611.23	-	43.46	120.31
Public supply	15.80	2.82	-	-	2.02	10.96
Domestic	6.17	6.17	-	-	-	-
Industrial	-	-	-	-	-	-
Irrigation	222.52	13.53	58.36	-	41.44	109.19
Livestock	1.20	1.20	-	-	-	-
Aquaculture	2.40	1.48	0.87	-	-	0.05
Mining	0.11	-	-	-	-	0.11
Thermoelectric	552.00	-	552.00	-	-	-

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 2010* <<http://water.usgs.gov/watuse/data/2010/>> accessed June 18, 2015.

**Table 5.25-- WATER SERVICES AND CONSUMPTION, FOR COUNTY WATERWORKS: 2012 TO 2014**

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

Geographic area	Number of services			Consumption (million gallons)		
	2012	2013	2014	2012	2013	2014
State total	273,968	275,072	276,526	74,961	74,722	76,722
City and County of Honolulu	175,281	175,921	176,518	49,128	47,734	51,794
Honolulu District 1/	68,463	67,424	67,404	21,792	25,620	35,323
Rest of Oahu	106,818	108,497	109,114	27,336	22,114	16,471
Hawaii County	41,786	42,022	42,378	9,073	9,230	9,080
Kauai County	21,148	21,263	21,590	4,085	4,505	3,997
Maui County	35,753	35,866	36,040	12,675	13,253	11,851
Maui	34,090	34,200	34,373	12,410	12,958	11,592
Molokai	1,663	1,666	1,667	265	295	259

1/ Maunaloa 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 5.26-- WATER WITHDRAWALS BY SOURCE AND MAJOR USE,  
FOR THE UNITED STATES AND HAWAII: 2010**

[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	355,000	1,270
Source, percent		
Ground water	22.4	37.2
Surface water	77.6	62.8
Selected major uses, percent		
Public supply	11.9	21.5
Domestic	1.0	0.6
Irrigation	32.5	25.4
Livestock	0.6	0.1
Aquaculture	2.7	0.4
Industrial	4.5	0.4
Mining	1.5	0.1
Thermoelectric power	45.4	51.5

1/ Includes Puerto Rico and Virgin Islands.

Source: U.S. Geological Survey, *Estimated Use of Water in the United States in 2010*, Circular 1405 table 1 <<http://pubs.usgs.gov/circ/1405/pdf/circ1405.pdf>> accessed June 12, 2015 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 5.27-- TOP 25 WATER USERS ON OAHU:  
MAY 2013 TO APRIL 2014**

[Estimated monthly average]

<b>Rank</b>	<b>User</b>	<b>Gallons (1,000)</b>
1	Marine Corp Base Hawaii	53,135
2	Chevron Usa Inc	31,852
3	Hilton Hotels Corporation	23,816
4	Honolulu International Airport Maintenance - 2980 Aolele St	23,214
5	Honolulu International Airport Maintenance - 530 Paiea St	13,748
6	University of Hawaii - 2566 Dole St	11,987
7	United Laundry Services	11,035
8	Sheraton Waikiki Hotel	10,991
9	Sand Island Treatment Plant	10,866
10	Tesoro Hawaii Corp	10,584
11	Waialua Sugar Interconnection	9,936
12	Hawaii Kai Golf Course	9,313
13	Disney Resort And Spa	9,291
14	Ggp Ala Moana Llc	9,282
15	University Of Hawaii - 2525 Dole St	8,653
16	Kailua Treatment Plant	8,004
17	Central Regional Park	7,974
18	Hawaiian Cement	7,854
19	Halekoa Hotel Ilima Tower	7,741
20	University Of Hawaii - 2444 Dole St	7,215
21	Hyatt Regency Waikiki	6,873
22	Honolulu Zoo	6,229
23	Bellows Air Force Station	6,091
24	Kapiolani Park	5,926
25	Ala Wai Golf Course	5,901

Source: Honolulu Board of Water Supply, records.

**Table 5.28-- WASTEWATER TREATMENT PLANT  
OPERATION AND COMPLIANCE: 1994 TO 2014**

[Calendar year]

<b>Year</b>	<b>Total plants</b>	<b>Plants inspected</b>	<b>Plants rated unsatisfactory</b>	<b>In compliance (percent)</b>
1994	(NA)	135	33	(NA)
1995	(NA)	163	35	(NA)
1996	(NA)	103	23	(NA)
1997	(NA)	176	45	(NA)
1998	(NA)	169	41	(NA)
1999	(NA)	164	35	(NA)
2000	(NA)	113	38	(NA)
2001	(NA)	144	35	(NA)
2002	(NA)	106	29	(NA)
2003	(NA)	100	20	(NA)
2004	(NA)	57	17	(NA)
2005	(NA)	41	8	(NA)
2006	180	93	14	92
2007	180	102	33	82
2008	180	34	15	92
2009	180	119	38	79
2010	180	114	13	93
2011	180	62	17	91
2012	190	58	13	93
2013	190	58	16	92
2014	190	82	30	84

NA Not available.

Source: Hawaii State Department of Health, *Indicators of Environmental Quality Report* (annual); Hawaii State Department of Health, *Environmental Health Management Report 2011-2013*; and Hawaii State Department of Health, Wastewater Branch, records.

**Table 5.29-- WASTEWATER RECYCLED: 1994 TO 2013**

[In millions gallons per day]

<b>Year</b>	<b>Total wastewater treated</b>	<b>Wastewater reused</b>	<b>Percent Reused</b>
1994	150	10.50	7.00
1995	150	11.10	7.40
1996	150	12.30	8.19
1997	150	15.60	10.40
1998	150	17.00	11.33
1999	150	19.50	13.00
2000	150	20.20	13.47
2001	150	19.90	13.27
2002	150	24.00	16.00
2003	150	23.50	15.67
2004	150	23.50	15.67
2005	150	23.50	15.67
2006	150	24.60	16.40
2007	150	24.40	16.27
2008	150	23.91	15.94
2009	150	23.91	15.94
2010	145	22.98	15.85
2011	141	19.64	13.93
2012	141	21.14	14.99
2013	134	22.00	16.42

Source: Hawaii State Department of Health, *Indicators of Environmental Quality Report* (annual); Hawaii State Department of Health, *Environmental Health Management Report 2011-2013*; and Hawaii State Department of Health, Wastewater Branch, records.



**Table 5.30-- 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 June 18, 2015.

**Table 5.31-- TOXIC CHEMICAL RELEASES IN 2013 AND HAZARDOUS WASTE GENERATED, SHIPPED, AND RECEIVED IN 2011**

Category	Unit
Number of TRI Facilities in Hawaii in 2013	35
Toxic chemical releases in 2013 1/	3,023,584
On-site releases	2,402,119
Air emissions	1,727,045
Water emissions	441,572
Land emissions	233,503
Off-site releases, transfers to disposal	621,465
Hazardous waste generators, shippers, and receivers 2011	
Number of generators	51
Number of shippers	49
Number of receivers	1
Hazardous waste generated, shipped, and received 2011 2/	
Generated	425,644
Shipped	1,300
Received	190

1/ In pounds.

2/ In tons. Covers hazardous wastes regulated under the Resource Conservation and Recovery Act (RCRA) of 1976 as amended.

Source: United States Environmental Protection Agency, *TRI Explorer Fact Sheet, Summary of TRI Information for Hawaii* <[http://iaspub.epa.gov/triexplorer/tri\\_factsheet\\_search.searchfactsheet](http://iaspub.epa.gov/triexplorer/tri_factsheet_search.searchfactsheet)> accessed June 12, 2015; United States Environmental Protection Agency, *The National Biennial RCRA Hazardous Waste Report: 2011 Edition* <<http://www.epa.gov/solidwaste/inforesources/data/biennialreport/index.htm>> accessed June 10, 2014.

**Table 5.32-- SOLID WASTE RECYCLED IN HAWAII: 2001 TO 2012**

[Fiscal year ending June 30. In tons]

<b>Year</b>	<b>Generated</b>	<b>Disposed</b>	<b>Diverted</b>	<b>Percent diverted</b>
2001	1,794,496	1,441,000	353,496	19.7
2002	1,971,336	1,478,668	492,668	25.0
2003	2,115,313	1,489,974	625,339	29.6
2004	2,140,648	1,517,915	622,733	29.1
2005	2,116,724	1,427,904	688,820	32.5
2006	2,227,124	1,425,752	801,373	36.0
2007	2,526,134	1,733,889	792,245	31.4
2008	2,617,350	1,778,009	839,341	32.1
2009	2,532,370	1,629,397	902,973	35.7
2010	1,636,298	988,444	647,854	39.6
2011	1,786,343	1,159,027	627,316	35.1
2012	1/ 1,593,887	1,147,194	1/ 608,857	1/ 38.2

1/ For 2012, figure is incomplete as Maui County data currently unavailable.

Source: Hawaii State Department of Health, Environmental Health Management Report 2011-2013; and Hawaii State Department of Health, Solid & Hazardous Waste Branch, records.

**Table 5.33-- DEPOSIT BEVERAGE CONTAINER REDEMPTION (DBC)  
RATE: 2006 TO 2013**

[Fiscal year ending June 30. In millions of beverage containers]

<b>Year</b>	<b>Beverage container sold</b>	<b>Beverage container redeemed</b>	<b>Redemption rate (percent)</b>
2006	930	628	67.5
2007	936	632	67.5
2008	947	681	71.9
2009	895	705	78.8
2010	901	686	76.1
2011	907	686	75.6
2012	907	697	76.8
2013	912	684	75.0

Source: Hawaii State Department of Health, Environmental Health Management Report 2011-2013; and Hawaii State Department of Health, Solid & Hazardous Waste Branch, records.

**Table 5.34-- WATER QUALITY AT PUBLIC BEACHES, BY ISLAND:  
2013 AND 2014**

Island	Number of locations	Number of samples	Enterococci density 1/			
			Lowest 2/	Highest 3/	Number over 4/	Mean 5/
2013						
State total	129	3,056	6/ 10.0	510.4	6/ 5	6/ 13.5
Hawaii	34	995	10.0	25.0	6/ -	6/ 12.6
Hilo Shoreline	9	263	11.0	19.6	6/ -	15.1
Kona Shoreline	25	732	10.0	25.0	6/ -	11.8
Maui	62	1,062	6/ 10.0	510.4	6/ 2	12.2
Lanai	-	-	(X)	(X)	(X)	(X)
Molokai	-	-	(X)	(X)	(X)	(X)
Oahu	13	185	10.0	25.5	6/ -	11.9
Kauai	20	814	10.3	118.6	6/ 3	16.9
2014						
State total	148	3,183	10.0	58.8	3	13.4
Hawaii	34	700	10.0	54.4	1	14.3
Hilo Shoreline	10	253	10.0	25.6	-	16.4
Kona Shoreline	24	447	10.0	54.4	1	13.2
Maui	62	790	10.0	17.4	-	12.4
Lanai	-	-	(X)	(X)	(X)	(X)
Molokai	-	-	(X)	(X)	(X)	(X)
Oahu	27	917	10.0	16.9	-	12.0
Kauai	25	776	10.0	58.8	2	15.8

X Not applicable.

1/ Geometric mean, number per 100 ml. The geometric mean standard for Enterococci density was 35 per 100 ml. in 2013 and 35 per 100 ml. in 2014.

2/ The lowest reported average value for 2013 was shared by 11 beaches, one of which was Sans Souci Beach, on the island of Oahu. The lowest reported average value for 2014 was shared by 11 beaches, one of which was Keoniloa Bay, on the island of Kauai (stations with  $\geq 5$  sampling events).

3/ The highest average value in 2013 was reported for End of Weke Road, on the island of Kauai. The highest average value in 2014 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 2013 and 35 per 100 ml. in 2014 (stations with  $\geq 5$  sampling events).

5/ Not weighted by number of samples.

6/ Revised from previous *Data Book*.

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

**Table 5.35-- WATER QUALITY AT SELECTED PUBLIC BEACHES:  
2013 AND 2014**

Island and beach	Number of samples		Enterococci density 1/	
	2013	2014	2013	2014
Hawaii	995	700	12.6	14.3
Hilo Shoreline	263	253	15.1	16.4
Hilo Bay (Canoe Beach)	28	28	12.3	17.4
Honolii Cove (Ocean)	28	28	15.5	25.6
Kona Shoreline	732	447	12.6	13.2
Anaehoomalu Bay	85	53	10.8	11.5
Kahaluu Beach Park	85	54	12.3	17.8
Spencer Beach Park	18	8	19.6	22.8
Maui	1,062	790	2/ 12.3	12.4
Hukilau Hotel shoreline	83	66	2/ 12.1	15.5
Kamaole Beach #1	91	69	2/ 11.8	10.7
Kihei (south)	90	70	12.6	11.4
Spreckelsville Beach	80	67	11.4	11.0
Wailea Beach	81	65	10.4	10.2
Oahu	185	917	11.9	12.0
Ala Moana Park (center)	20	53	10.7	12.5
Hanauma Bay	9	44	11.7	10.2
Kailua Beach Park	9	44	12.7	11.5
Kuhio Beach	19	52	15.9	16.7
Makaha Beach	(X)	28	(X)	10.0
Sunset Beach	(X)	29	(X)	15.3
Waimea Beach	(X)	44	(X)	11.9
Kauai	814	776	16.9	17.7
Hanapepe Salt Pond	76	75	11.4	11.6
Kalapaki Beach (middle)	75	75	16.5	17.5
Kekaha (Oomano Point)	(X)	(X)	(X)	(X)
Lydgate Park (wading pool)	74	75	12.0	14.1
Poipu Beach Pavilion	76	75	11.0	10.7

X Not applicable.

1/ Geometric mean, number per 100 ml. The geometric mean standard for Enterococci density was 35 per 100 ml. in 2013 and 35 per 100 ml. in 2014.

2/ Revised from previous *Data Book*.

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

**Table 5.36-- TOTAL DAYS PER YEAR OF SHORELINE POSTINGS: 2006 TO 2014**

[For fiscal year ending June 30. These numbers represent sign postings for sewage-related events along coastal shorelines, but do not reflect postings of warning signs on streams, lakes and other inland waters, such as the Ala Wai Canal. Other agencies may also post other shoreline warning signs. These numbers exclude 'brown water advisories' which are general media releases anticipating or responding to heavy storm water runoff and are not accompanied by actual sign postings]

Year	Days 1/	Year	Days 1/	Year	Days 1/
2006	394	2009	235	2012	11
2007	153	2010	365	2013	91
2008	74	2011	264	2014	40

1/ Total days may include same-day postings of separate posting events, therefore the total may exceed 365 days.

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

**Table 5.37-- REFUSE AND SEWAGE STATISTICS FOR OAHU:  
2000 TO 2013**

[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	
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
2013	748,227	289,203	459,024	36,318

Year	Sewage pumped 2/ (millions of gallons)	Miles of sewers 2/	City and County pump stations	City and County treatment plants
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
2013	47,922	2,016	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 5.38-- AIR QUALITY IN DOWNTOWN HONOLULU: 1988 TO 2014**

[Annual arithmetic means, in micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ), for particulate matter 10 microns or less in diameter ( $\text{PM}_{10}$ ) 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	$\text{PM}_{10}$ ( $\mu\text{g}/\text{m}^3$ ) 1/	CO (ppm) 2/	Year	$\text{PM}_{10}$ ( $\mu\text{g}/\text{m}^3$ ) 1/	CO (ppm) 2/
1988	-	1.7	2002	15	0.6
1989	-	1.8	2003	15	0.6
1990	-	1.5	2004	13	0.6
1991	-	1.7	2005 3/	14	0.6
1992	-	1.6	2006 4/	13	0.4
1993	13	1.8	2007	14	0.5
1994	14	0.8	2008	14	0.5
1995	14	0.8	2009	13	0.4
1996	14	0.8	2010	12	0.4
1997	8	0.8	2011	12	0.4
1998	9	0.8	2012	12	0.4
1999	14	0.6	2013	11	0.4
2000	14	0.7	2014	13	0.4
2001	16	0.6			

1/ The State Ambient Air Standard for  $\text{PM}_{10}$  annual average is  $50 \mu\text{g}/\text{m}^3$ . The Federal standard was revoked by the U.S. Environmental Protection Agency effective December 17, 2006.

2/ There is no annual standard for CO.

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 5.39-- AIR QUALITY AT SPECIFIED LOCATIONS: 2014**

Sampling station	PM <sub>10</sub> (µg/m <sup>3</sup> ) 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	4	30	13	0.000	0.018	0.001
Pearl City	5	40	19	(X)	(X)	(X)
Kapolei	3	32	15	0.000	0.024	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 µg/m<sup>3</sup>.

2/ The State Ambient Air Standard for 24-hr SO<sub>2</sub> is 0.14 ppm. Federal standard for SO<sub>2</sub> 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 5.40-- RELEASE OF TOXICS: 1999 TO 2013**

[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
2012	2,693,617	1,876,897	435,662	181,039	4,508	195,511
2013	3,023,584	1,727,045	441,572	232,261	1,242	621,465

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://iaspub.epa.gov/triexplorer/tri\\_factsheet.factsheet\\_forstate?pstate=HI&pyear=2013](http://iaspub.epa.gov/triexplorer/tri_factsheet.factsheet_forstate?pstate=HI&pyear=2013)> accessed June 18, 2015.

**Table 5.41-- TOXIC RELEASE INVENTORY CHEMICAL RELEASES:  
1988 TO 2013**

[In pounds. For all industries and all chemicals]

<b>Year</b>	<b>Total on-site disposal or other releases</b>	<b>Total off-site disposal or other releases</b>	<b>Total on- and off-site disposal or other releases</b>	<b>Total production-related waste managed</b>
1988	2,225,959	164,482	2,390,441	(NA)
1989	2,105,585	20,458	2,126,043	(NA)
1990	844,758	7,209	851,967	(NA)
1991	916,001	12,388	928,389	8,322,961
1992	873,910	163,500	1,037,410	8,348,939
1993	706,345	14,982	721,327	8,259,575
1994	588,489	17,371	605,860	3,133,045
1995	492,923	163,769	656,692	5,401,395
1996	536,272	3,995	540,267	4,185,584
1997	444,040	8,365	452,405	4,118,506
1998	2,026,357	85,903	2,112,260	5,806,154
1999	1,630,843	50,438	1,681,281	5,221,169
2000	1,097,432	176,546	1,273,978	1,782,121
2001	2,950,196	430,325	3,380,521	4,258,038
2002	3,180,814	514,846	3,695,661	4,620,356
2003	2,747,963	419,791	3,167,753	4,023,425
2004	2,889,493	281,224	3,170,718	3,853,008
2005	2,925,433	179,935	3,105,369	4,009,430
2006	2,790,816	230,671	3,021,488	3,679,473
2007	2,859,554	156,023	3,015,577	3,878,790
2008	3,000,373	245,176	3,245,550	4,393,104
2009	2,603,536	343,728	2,947,264	3,734,894
2010	2,365,432	130,212	2,495,644	3,045,978
2011	2,375,076	214,223	2,589,299	3,274,039
2012	2,498,106	195,511	2,693,617	6,633,891
2013	2,402,119	621,465	3,023,584	5,906,320

NA Not available.

Source: United States Environmental Protection Agency, Toxic Release Inventory Program, TRI Explorer <[http://iaspub.epa.gov/triexplorer/tri\\_release.chemical](http://iaspub.epa.gov/triexplorer/tri_release.chemical)> accessed on January 15, 2015.

**Table 5.42 -- RELEASE OF PERSISTENT, BIOACCUMULATIVE AND TOXIC (PBT) CHEMICALS: 2002 TO 2013**

[In pounds; 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	74,488	1,798	236	9.00	4.233
2012	101,479	1,627	345	33.00	3.888
2013	134,234	1,361	294	6.00	3.678

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.

Source: U.S. Environmental Protection Agency, *Hawaii Report: Toxics Release Inventory* (annual) <[http://iaspub.epa.gov/triexplorer/tri\\_release.chemical](http://iaspub.epa.gov/triexplorer/tri_release.chemical)> accessed June 18, 2015.

**Table 5.43-- OIL AND CHEMICAL RELEASES: 2006 TO 2012**

Year	Total oil & chemical releases	Oil releases			Chemical releases		
		Total	To land	To water	Total	To land	To water
2006	384	206	(NA)	(NA)	178	(NA)	(NA)
2007	489	289	(NA)	(NA)	200	(NA)	(NA)
2008	305	198	(NA)	(NA)	107	(NA)	(NA)
2009	268	143	56	87	125	63	62
2010	414	218	126	92	196	131	65
2011	371	257	185	72	114	51	63
2012	359	263	194	69	96	43	53

NA Not available.

Source: Hawaii State Department of Health, Hazard Evaluation and Emergency Response Office, records.

**Table 5.44-- ATMOSPHERIC CARBON DIOXIDE MEASUREMENTS  
AT MAUNA LOA: 1958 TO 2014**

[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	2013	396.48
1976	332.04	1995	360.62	2014	398.55

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) <[ftp://aftp.cmdl.noaa.gov/products/trends/co2/co2\\_annmean\\_mlo.txt](ftp://aftp.cmdl.noaa.gov/products/trends/co2/co2_annmean_mlo.txt)> accessed June 12, 2015 and records.

**Table 5.45-- TEMPERATURES AND PRECIPITATION FOR SELECTED PLACES**

[Updated through December 2014]

Island and station	Ground elevation (feet)	Average temperature 1/ (°F)		Extreme temperature of record (°F)		Average annual precipitation (inches)
		Coollest month	Warmest month	Lowest	Highest	
Hawaii:						
Hilo Airport	38	66.4	81.2	53	94	128.05
Hawaii Volcanoes Nat. Park Hdq.	3,971	52.7	69.1	34	89	109.21
Naalehu	800	65.8	79.4	50	93	48.19
Kailua	700	63.7	76.5	50	88	119.30
Puako 2/	49	68.3	83.8	52	92	10.11
Waimea (Kamuela) 3/	2,671	66.6	84.1	49	95	22.56
Honokaa	1,080	(NA)	(NA)	(NA)	(NA)	78.53
Mauna Kea summit 4/	13,773	(NA)	(NA)	12	75	7.41
Maui:						
Hana Airport 5/	75	67.4	80.8	50	94	80.76
Haleakala summit 6/	9,964	44.7	62.7	27	80	52.89
Kihei 7/	160	64.4	86.2	49	98	12.84
Kahului Airport	51	67.4	83.8	48	97	18.93
Lahaina 8/	40	66.4	84.9	52	97	14.62
Molokai:						
Kaunakakai	12	(NA)	(NA)	(NA)	(NA)	13.66
Molokai Airport	443	67.6	81.4	46	96	25.07
Lanai:						
Lanai City 9/	1,620	62.4	75.4	47	89	35.04

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**Table 5.45-- TEMPERATURES AND PRECIPITATION FOR SELECTED PLACES -- Con.**

Island and station	Ground elevation (feet)	Average temperature 1/ (°F)		Extreme temperature of record (°F)		Average annual precipitation (inches)
		Coollest month	Warmest month	Lowest	Highest	
Oahu:						
Honolulu International Airport	7	70.3	84.0	52	95	20.87
Waikiki (Honolulu Zoo)	10	69.1	84.6	42	95	24.13
Manoa (Lyon Arboretum)	500	66.6	79.0	49	96	151.05
Kaneohe (State Hospital)	48	68.8	79.8	43	93	76.03
Kahuku	13	68.6	80.9	51	99	44.11
Wheeler AFB 10/	820	45.6	59.8	25	88	38.46
Kauai:						
Kilauea (town)	390	67.1	79.5	50	90	67.97
Lihue Airport	100	69.8	81.1	50	90	41.76
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	51.0	67.3	29	90	66.70
Northwestern Hawaiian Islands:						
Midway 12/	10	68.4	76.2	51	92	42.52

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**Table 5.45-- 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 Meteorology, records.

**Table 5.46-- CLIMATIC NORMALS, MEANS, AND EXTREMES FOR HILO, KAHULUI, HONOLULU, AND LIHUE AIRPORTS: 2014**

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

Subject	Hilo	Kahului	Honolulu	Lihue
Temperatures (°F)				
Normal daily maximum, annual	80.9	84.3	84.4	81.2
Highest daily maximum	94	97	95	91
Month and year of occurrence	Nov 2013	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	6.7	12.9	10.4	13.4
Maximum 2-minute	39	48	40	48
Month and year of occurrence	Aug 2014	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, 2014*, "Normals, Means, and Extremes," for Hilo, Kahului, Honolulu, and Lihue (annual).

**Table 5.47-- MONTHLY AND ANNUAL CLIMATIC DATA FOR HONOLULU INTERNATIONAL AIRPORT: 2014**

[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

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**Table 5.47-- MONTHLY AND ANNUAL CLIMATIC DATA FOR HONOLULU INTERNATIONAL AIRPORT: 2014-- Con.**

Month	Relative humidity (percent)		Wind (miles/hour)		Percent of possible sunshine	Number of days		
	8 a.m.	2 p.m.	Mean speed	Maximum 2-minute speed		Mean		Normal
						Clear	Cloudy	Precipitation .01 inch or more
January	81	61	8.6	40	65	9.5	8.5	8.5
February	79	59	9.2	37	68	8.1	7.6	7.4
March	73	57	10.3	39	72	7.4	9.3	8.8
April	70	55	11.0	35	70	5.9	9.6	7.5
May	67	54	10.6	30	72	6.7	8.7	5.8
June	66	52	12.0	30	74	6.5	6.2	5.7
July	68	52	12.0	30	76	7.4	5.1	7.1
August	68	52	11.8	31	77	8.0	5.7	5.6
September	70	53	10.2	30	77	7.9	5.7	6.9
October	71	56	9.6	31	71	7.5	8.1	7.6
November	75	59	9.6	35	64	7.2	8.8	8.8
December	79	60	9.3	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, 2014*, "Normals, Means, and Extremes, Honolulu, HI" (annual).

**Table 5.48-- AVERAGE TEMPERATURE, PERCENT OF POSSIBLE SUNSHINE, AND PRECIPITATION, FOR HONOLULU INTERNATIONAL AIRPORT: 1960 TO 2014**

Year	Average temperature (°F)	Percent of possible sunshine	Precipitation (inches)	Year	Average temperature (°F)	Percent of possible sunshine	Precipitation (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	2013 1/	77.1	71	16.18
1984 1/	78.1	67	17.08	2014 1/	78.2	71	20.82
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, 2014*, "Average Temperature (°F), Honolulu, HI", "Normals, Means, and Extremes, Honolulu, HI", "Precipitation (inches), Honolulu, HI" (annual).

**Table 5.49-- AVERAGE DAILY TEMPERATURE AND DAYS WITH MAXIMUM OF 90° OR HIGHER, FOR HONOLULU INTERNATIONAL AIRPORT: 1971 TO 2014**

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	2013	83.6	3
1984	85.5	63	2014	84.4	40
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 2014*, "Meteorological Data, Honolulu" (annual).

**Table 5.50-- CLIMATIC DATA FOR HONOLULU INTERNATIONAL  
AIRPORT: 2001 TO 2014**

Year	Average temperature (°F) 1/			Extreme temp. (°F)		Precipitation (inches)
	Annual	Coolest month	Warmest month	Lowest	Highest	
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
2013	77.1	72.9	81.2	59	90	16.18
2014	78.2	72.7	82.9	60	93	20.82

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		
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
2013	65	56	9.4	(NA)	(NA)	83
2014	65	56	8.9	(NA)	(NA)	104

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 2014*, "Meteorological Data, Honolulu, HI" (annual).



**Table 5.51-- 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 5.52-- RAINFALL AT SPECIFIED LOCATIONS:  
2002 TO 2014**

[In inches]

Year	Hawaii				Maui		
	Hilo Airport	Lalamilo	Kona Village	Naalehu	Kahului Airport	Kihei	Lahaina
2002	134.03	18.01	9.70	59.15	15.07	13.33	(NA)
2003	91.38	1/ 12.37	5.66	1/ 25.71	13.83	11.58	(NA)
2004	137.49	29.99	19.97	2/ 47.56	26.17	26.38	(NA)
2005	123.32	15.58	14.90	1/ 25.01	2/ 15.45	10.88	(NA)
2006	122.02	10.61	9.68	1/ 71.26	18.65	16.49	(NA)
2007	106.75	16.39	12.45	42.46	13.06	14.61	(NA)
2008	127.53	7.43	7.74	1/ 48.43	9.55	5.84	(NA)
2009	131.18	2/ 9.41	6.99	4/ 23.20	14.07	7.33	(NA)
2010	63.29	8/ 0.25	5.55	8/ 0.51	9.44	4.68	(NA)
2011	97.66	8/ 0.36	3.29	6/ 11.49	1/ 10.59	7.42	(NA)
2012	90.94	5/ 1.04	1.50	7/ 18.73	5.04	2.17	(NA)
2013	102.24	9/ 0.90	4/ 4.29	1/ 27.02	15.41	1/ 6.76	(NA)
2014	115.24	7/ 11.83	13.64	1/ 52.87	23.25	17.97	(NA)
Year	Oahu				Kauai		
	Waikiki	University of Hawaii	Nuuanu Res. 4	Kane-ohe	Koloa	Lihue Airport	Princeville
2002	17.26	23.66	106.70	44.16	1/ 40.33	31.92	66.81
2003	23.09	1/ 24.36	111.33	50.75	2/ 31.06	35.78	74.82
2004	40.31	61.89	146.17	81.26	64.89	49.91	93.17
2005	19.26	36.45	1/ 79.09	58.24	4/ 22.35	27.61	79.95
2006	31.84	38.90	89.54	81.28	3/ 60.48	67.03	91.58
2007	27.30	1/ 33.81	1/ 93.06	45.19	43.52	24.37	72.09
2008	15.60	33.79	103.82	41.44	57.56	40.07	78.85
2009	11.56	24.22	1/ 88.12	52.50	1/ 30.99	26.63	82.53
2010	15.60	32.76	83.33	40.91	1/ 43.12	25.94	52.02
2011	23.74	1/ 29.87	93.76	1/ 52.56	3/ 39.64	42.67	83.11
2012	14.25	23.01	5/ 61.22	32.66	(10/)	41.12	73.40
2013	19.25	32.11	112.48	47.44	(10/)	37.15	62.28
2014	21.48	32.83	123.63	52.51	(10/)	30.94	70.73

Continued on next page.

**Table 5.52-- RAINFALL AT SPECIFIED LOCATIONS:  
2002 TO 2014 -- Con.**

NA Not available.

1/ Missing 1 day.

2/ Missing 2 days.

3/ Missing 3 days.

4/ Missing 4 days.

5/ Missing 5 days.

6/ Missing 6 days.

7/ Missing 7 days.

8/ Missing 10 days.

9/ Missing 11 days.

10/ Missing 26 or more days.

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 5.53-- MAJOR HURRICANES: 1950 TO 2014**

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 5.54-- 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 5.55-- SUNRISE, SUNSET, AND HOURS OF DAYLIGHT AT  
SELECTED LOCATIONS, AT BEGINNING OF EACH SEASON: 2015**

[Based on Hawaii-Aleutian Standard Time which is 10 hours less than Universal Time  
Coordinated (UTC), the international standard for civil time]

<b>Subject</b>	<b>Hilo</b>	<b>Kahului</b>	<b>Honolulu</b>	<b>Lihue</b>
Sunrise (a.m.)				
March 20	6:24	6:30	6:35	6:42
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	6:42	6:49
June 21	7:02	7:10	7:16	7:24
Sept. 22	6:17	6:22	6:28	6:34
Dec. 21	5:47	5:50	5:55	5:59
Daylight (hours, minutes)				
March 20	12, 07	12, 07	12, 07	12, 07
June 21	13, 19	13, 24	13, 26	13, 29
Sept. 22	12, 08	12, 07	12, 08	12, 08
Dec. 21	10, 57	10, 52	10, 51	10, 47

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](http://aa.usno.navy.mil/data/docs/RS_OneYear.php)> accessed June 12, 2015; and  
calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 5.56-- SUNRISE, SUNSET, AND HOURS OF DAYLIGHT AT  
SELECTED LOCATIONS, AT BEGINNING OF EACH SEASON: 2016**

[Based on Hawaii-Aleutian Standard Time which is 10 hours less than Universal Time  
Coordinated (UTC), the international standard for civil time]

<b>Subject</b>	<b>Hilo</b>	<b>Kahului</b>	<b>Honolulu</b>	<b>Lihue</b>
Sunrise (a.m.)				
March 19	6:25	6:30	6:36	6:42
June 20	5:42	5:46	5:50	5:55
Sept. 22	6:09	6:15	6:20	6:26
Dec. 21	6:51	6:58	7:05	7:12
Sunset (p.m.)				
March 19	6:31	6:37	6:42	6:49
June 20	7:02	7:10	7:16	7:24
Sept. 22	6:16	6:21	6:27	6:33
Dec. 21	5:47	5:50	5:55	6:00
Daylight (hours, minutes)				
March 19	12, 06	12, 07	12, 06	12, 07
June 20	13, 20	13, 24	13, 26	13, 29
Sept. 22	12, 07	12, 06	12, 07	12, 07
Dec. 21	10, 56	10, 52	10, 50	10, 48

Source: U.S. Naval Observatory, Astronomical Applications Department  
<<http://aa.usno.navy.mil/data/docs/EarthSeasons.php>> and  
<[http://aa.usno.navy.mil/data/docs/RS\\_OneYear.php](http://aa.usno.navy.mil/data/docs/RS_OneYear.php)> accessed June 12, 2015; and  
calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 5.57-- HAWAII AUDUBON SOCIETY BIRD COUNTS OF MAJOR SPECIES IN THE HONOLULU AREA: 2008 TO 2012**

[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	2008	2009	2010	2011	2012
Endemic species 1/					
'Apapane	7	4	6	50	8
Hawaiian Moorhen 2/	17	22	32	59	67
Hawaiian Stilt 2/	181	189	135	195	145
Oahu 'Amakihi	-	3	14	40	8
Oahu 'Elepaio	-	8	-	7	4
Indigenous species 3/					
Black-crowned Night Heron	-	49	45	44	54
Brown Booby	-	1	-	7	3
Great Frigatebird	-	2	9	40	39
Laysan Albatross	-	3	2	-	-
Red-footed Booby	347	333	568	875	522
White Tern	5	5	5	20	7
Alien species 4/					
Cattle Egret	165	167	169	161	185
Common Myna	725	772	580	1,257	814
Common Waxbill	215	705	270	1,340	1,189
House Finch	129	114	102	134	193
House Sparrow	99	122	91	156	199
Japanese White-eye	71	207	279	230	192
Java Sparrow	69	291	72	763	503
Northern Cardinal	19	36	40	132	52
Nutmeg Mannikin	7	94	5	98	186
Red-billed Leiothrix	17	45	-	113	112
Red-crested Cardinal	118	140	49	213	155
Red-vented Bulbul	35	491	390	561	492
Red-whiskered Bulbul	32	45	141	46	45
Rock Dove/Pigeon	125	711	203	377	464
Spotted Dove	302	347	319	584	292
White-rumped Shama	10	15	53	39	46
Yellow-fronted Canary	-	2	16	43	19
Zebra Dove	340	569	542	2,155	1,962

Continued on next page.



**Table 5.57-- HAWAII AUDUBON SOCIETY BIRD COUNTS OF MAJOR SPECIES IN THE HONOLULU AREA: 2008 TO 2012 -- Con.**

Species	2008	2009	2010	2011	2012
Visitor species 5/					
Mallard	55	106	65	11	24
Pacific Golden-Plover	553	594	432	530	518
Ruddy Turnstone	180	411	317	414	322
Sanderling	12	5	3	77	13
Wandering Tattler	20	34	16	13	26

1/ Birds peculiar to Hawaii, and found nowhere else.

2/ Endangered species.

3/ Native to Hawaii, but also found elsewhere.

4/ Formerly termed "introduced". Includes accidental escapes from captivity.

5/ Formerly termed "migratory". Includes stragglers and seasonal migrants.

Source: Hawaii Audubon Society, 'Elepaio, 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; Volume 72, Number 5, "National Audubon Society 112th Christmas Bird Count", September/October 2012, "National Audubon Society 113th Christmas Bird Count", November/December 2013, and Audubon, Christmas Bird Count <<http://netapp.audubon.org/CBCObservation/>> accessed November 12, 2013.

**Table 5.58-- HAWAII AUDUBON SOCIETY BIRD COUNTS IN THE HONOLULU AREA, BY TYPE OF SPECIES: 2003 TO 2012**

[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
2012	54	5	7	28	14

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
2012	9,600	403	837	7,458	902

Source: Audubon, "Historical Results: Data for a Species" <<http://netapp.audubon.org/CBCObservation/Historical/ResultsByCount.aspx>> accessed on June 12, 2014; Robert L. Pyle, "Checklist of the Birds of Hawaii" <<http://www.hawaii.audubon.com/checklist/checklist2002.pdf>> accessed on June 22, 2010; and calculations by the Department of Business, Economic Development & Tourism.

**Table 5.59-- BIRD SPECIES OF HAWAII: 2002**

Type of species	Number
All species	1/ 333
Resident native: normally does not leave the islands	78
Alien, introduced: resident, does not leave the islands	58
Breeding in Hawaii: most individuals leave Hawaii when not breeding	13
Visitor: breeds elsewhere, occurs in Hawaii when not breeding	184
Endangered (or threatened): on the Federal List of Endangered Species	32

1/ Includes double counts for mallard and eurasian skylark, that were classified as alien and visitor.

Source: Hawaii Audubon Society, 'Elepaio, Volume 65, Number 5, "Checklist of the Birds of Hawaii - 2002", updated to March 31, 2005 <<http://www.hawaii-audubon.com/newsletter.html>> accessed October 24, 2005.

**Table 5.60-- TREES ALONG STREETS OR IN PARKS UNDER THE JURISDICTION OF THE CITY AND COUNTY OF HONOLULU: 2009 to 2014**

[As of June 30]

<b>Location</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Along City and County streets and highways 1/	138,800	139,200	139,300	143,400	142,700	143,281
In City and County parks	92,550	92,900	92,900	95,600	95,100	95,521

1/ Excludes Federal, State, and private thoroughfares.

Source: City and County of Honolulu, Department of Parks and Recreation, Urban Forestry, records.

**Table 5.61-- THREATENED AND ENDANGERED SPECIES, FOR THE UNITED STATES AND HAWAII**

[As of June 12, 2015]

<b>Group</b>	<b>United States</b>	<b>Hawaii</b>
Animal species	648	67
Amphibians	32	-
Arachnids	12	1
Birds	98	34
Clams	88	-
Corals	6	-
Crustaceans	25	2
Fishes	136	-
Insects	72	20
Mammals	98	1
Reptiles	35	4
Snails	46	5
Plant species	883	367
Conifers and cycads	3	-
Ferns and allies	30	16
Flowering plants	848	351
Lichens	2	-

Source: U.S. Fish & Wildlife Service, Threatened and Endangered Species System (TESS)  
 <[http://ecos.fws.gov/tess\\_public](http://ecos.fws.gov/tess_public)> accessed June 12, 2015.

## 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*.

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**Table 6.01-- LAND OWNERSHIP, COVER, OR USE: 1982 TO 2010**

[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/	2010 1/
Total surface area	4,158.4	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	361.2
Water area	52.5	52.6	52.4	52.4	52.5	52.5	52.5
Nonfederal land	3,784.4	3,717.8	3,716.3	3,744.8	3,744.7	3,744.7	3,744.7
Developed	167.2	171.9	194.2	201.5	217.0	225.1	239.9
Rural	3,617.2	3,545.9	3,522.1	3,543.3	3,527.7	3,519.6	3,504.8
Land cover or use 3/							
Nonfederal rural land	3,617.2	3,545.9	3,522.1	3,543.3	3,527.7	3,519.6	3,504.8
Cropland	302.6	299.3	273.0	246.4	166.9	130.8	118.2
Cultivated	278.2	265.5	229.5	197.6	111.3	89.2	78.4
Irrigated	157.4	152.5	117.9	75.8	72.3	64.0	53.5
Nonirrigated	120.8	113.0	111.6	121.8	39.0	25.2	24.9
Noncultivated	4/ 24.4	33.8	43.5	48.8	55.6	41.6	39.8
Irrigated	7.0	9.4	26.8	28.5	28.9	15.4	13.6
Nonirrigated	4/ 17.4	4/ 24.4	4/ 16.7	20.3	4/ 26.7	4/ 26.2	4/ 26.2
Pastureland	38.6	28.0	35.0	36.4	62.3	69.0	62.6
Rangeland	1,027.7	1,014.6	1,028.0	1,021.7	1,053.6	1,078.2	1,083.0
Forest land	1,652.0	1,623.6	1,612.1	1,628.6	1,623.9	1,622.6	1,623.5
Other rural land	596.3	580.4	574.0	610.2	621.0	619.0	617.5
Prime farmland, by cover or use 5/							
Total rural land	245.5	245.7	234.9	234.4	233.5	232.0	228.4
Cropland	168.6	172.7	161.4	144.6	98.1	75.6	69.8
CRP land 6/	(X)	-	-	-	-	-	-
Pastureland	16.0	4/ 11.1	4/ 11.6	4/ 11.5	27.2	34.5	34.2
Rangeland	35.2	35.8	34.7	41.0	63.4	79.0	81.8
Forest land	19.6	19.6	19.7	20.4	4/ 21.7	4/ 21.6	4/ 22.4
Other rural land	6.1	6.5	7.5	16.9	23.1	21.3	20.2
Sheet or rill erosion, tons per acre							
Nonfederal rural land							
Cropland	5.69	5.39	5.20	2.67	3.19	3.41	3.35
Cultivated	5.87	5.67	5.60	2.56	3.23	3.31	3.23
Noncultivated	4/ 3.64	4/ 3.20	3.10	3.12	3.11	3.61	3.59
CRP land 6/	(X)	-	-	-	-	-	-
Pastureland	0.98	4/ 0.75	4/ 0.74	4/ 0.63	0.85	0.79	0.84

Continued on next page.



**Table 6.01-- LAND OWNERSHIP, COVER, OR USE: 1982 TO 2010-- Con.**

Land ownership, cover, or use	1982	1987	1992	1997 1/	2002 1/	2007 1/	2010 1/
On water areas & nonfederal land							
Total wetlands & deepwater habitats	(X)	(X)	(X)	(X)	(X)	113.4	113.5
Palustrine & estuarine wetlands	(X)	(X)	(X)	(X)	(X)	62.5	62.6
Palustrine	(X)	(X)	(X)	(X)	(X)	60.4	60.4
Estuarine	(X)	(X)	(X)	(X)	(X)	4/ 2.1	4/ 2.2
Other aquatic habitats	(X)	(X)	(X)	(X)	(X)	50.9	50.9
Lacustrine	(X)	(X)	(X)	(X)	(X)	5.2	5.2
Other 7/	(X)	(X)	(X)	(X)	(X)	45.7	45.7
Total Palustrine & estuarine wetlands	(X)	(X)	(X)	(X)	(X)	62.5	62.6
Cropland, pastureland, CRP land	(X)	(X)	(X)	(X)	(X)	4/ 1.5	4/ 1.3
Rangeland	(X)	(X)	(X)	(X)	(X)	4/ 3.0	4/ 3.2
Forest land	(X)	(X)	(X)	(X)	(X)	44.0	44.3
Other rural land	(X)	(X)	(X)	(X)	(X)	4/ 11.1	4/ 11.0
Developed land	(X)	(X)	(X)	(X)	(X)	4/ 0.1	-
Water areas	(X)	(X)	(X)	(X)	(X)	2.8	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. The 2010 Inventory included Hawaii and revisions to many earlier estimates.

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

3/ Land cover is the vegetation or other kind of material that covers the land surface. Land use is the purpose of human activity on the land; it is usually, but not always, related to land cover. The NRI uses the term land cover/use to identify categories that account for all the surface area of the United States.

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

5/ Prime farmland has the best combination of physical and chemical characteristics for producing food, feed, forage, fiber, and oilseed crops and is also available for these uses.

6/ Conservation Reserve Program (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.

7/ 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](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; and *Summary Report: 2010 National Resources Inventory* (September 2013) <[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/stelprdb1167354.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb1167354.pdf)> accessed July 2, 2014.

**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
<b>LAND USE (IN ACRES)</b>				
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
<b>STRUCTURES BY YEAR BUILT 1/</b>				
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
<b>DWELLING UNITS BY TYPE 1/</b>				
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 2014**

[Total acreage, including inland water, as classified by the Hawaii State Land Use Commission under the provisions of Chapter 205, Hawaii Revised Statutes, as amended. All data are approximate]

Year and month	Total area 1/	Classification by State Land Use Commission 2/			
		Urban	Conservation	Agricultural	Rural
UNADJUSTED 3/					
1969: August	4,111,500	140,163	2,009,087	1,955,875	6,375
1974: March	4,111,500	147,472	1,986,429	1,968,727	8,872
1978: December	4,111,500	151,929	1,976,106	1,974,230	9,235
1983: December	4,112,388	156,568	1,975,473	1,970,146	10,201
1984: December	4,112,388	158,620	1,969,351	1,974,236	10,181
1985: December	4,112,388	163,211	1,968,804	1,970,189	10,184
1986: December	4,112,388	165,165	1,967,638	1,969,401	10,184
1987: December	4,112,388	166,507	1,967,168	1,968,524	10,189
ADJUSTED 3/					
1987: December	4,112,388	165,607	1,967,247	1,969,345	10,189
1988: December	4,112,388	171,230	1,967,194	1,963,766	10,198
1989: December	4,112,388	175,285	1,960,976	1,965,935	10,192
1990: December	4,112,388	178,114	1,960,608	1,963,491	10,175
1991: December	4,112,388	181,407	1,959,621	1,961,294	10,066
1992: December	4,112,388	180,912	1,960,615	1,960,795	10,066
1993: December	4,112,388	187,697	1,958,897	1,955,704	10,090
1994: December	4,112,388	189,418	1,974,549	1,938,505	9,916
1995: December	4,112,388	190,257	1,976,016	1,936,197	9,918
1996: December	4,112,388	191,941	1,974,994	1,935,526	9,927
1997: December	4,112,388	192,158	1,974,994	1,935,305	9,931
1998: December	4,112,388	193,001	1,974,994	1,934,423	9,970
1999: December	4,112,388	194,592	1,974,994	1,932,792	10,010
2000: December	4,112,388	193,308	1,976,004	1,933,066	10,010
2001: December	4,112,388	194,556	1,974,106	1,933,687	10,039
2002: December	4,112,388	195,495	1,973,973	1,932,862	10,058
2003: December	4,112,388	196,215	1,973,636	1,932,429	10,108
2004: December	4,112,388	196,991	1,973,636	1,931,378	10,383
2005: December 4/	4,112,388	197,085	1,973,636	1,930,797	10,870
2006: December 4/	4,112,388	197,663	1,973,631	1,930,224	10,870
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
2013: December 4/	4,112,388	200,434	1,973,846	1,926,507	11,602
2014: December 4/	4,112,388	200,439	1,973,846	1,926,502	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, 2014**

[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	200,439	1,973,846	1,926,502	11,602
Hawaii 3/	2,573,400	54,145	1,304,347	1,212,886	2,023
Maui	465,800	24,191	194,836	242,720	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 4/	353,900	14,573	198,769	139,305	1,253
Niihau 4/	45,700	-	-	45,700	-
Kaula and Lehua	400	-	400	-	-
Other islands 5/	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/ County records update indicated 5 acres changed from Agricultural to Urban.

4/ May be revised, pending updates of County records.

5/ 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 2015**

[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
2014	527,359	281,463	71,515	140,257	34,124
2015	530,705	285,092	71,907	140,336	33,370

NA Not available.

Source: City and County of Honolulu, Department of Budget & Fiscal Services, Real Property Assessment Division, Real Property Tax Valuations, Tax Rates, & Exemption By Year, "Number of Records by Land Use Class for Fiscal Year 2014 - 2015"

<<https://www.realpropertyhonolulu.com/portal/rpadcms/Reports?parent=REPORTS>>

accessed December 15, 2014; 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: 2015**

[For fiscal year ending June 30]

Category	Cemeteries	Churches	Hospitals	Schools
NUMBER				
State total	110	1,551	114	237
Honolulu	43	857	95	149
Maui	7	244	11	16
Hawaii	47	303	4	68
Kauai	13	147	4	4
AMOUNT (\$1,000)				
State total	53,297	2,379,061	799,172	1,185,863
Honolulu	39,502	1,839,722	724,799	947,301
Maui	1,287	260,971	36,818	128,825
Hawaii	5,392	164,778	22,365	87,198
Kauai	7,116	113,591	15,190	22,539

Source: City and County of Honolulu, Department of Budget and Fiscal Services, Real Property Assessment Division, Real Property Tax Valuations, Tax Rates & Exemptions By Year, "Number and Amount of Exemption by Type and County for Fiscal Year 2014-15"

<<https://www.realpropertyhonolulu.com/portal/rpadcms/Reports?parent=REPORTS>>  
accessed December 15, 2014.

**Table 6.07-- MAJOR LANDOWNERS BY ISLAND, BY TYPE: 2013**

[In acres. As of January 2012 for Kauai County, June 2013 for Hawaii County and July 2013 for Maui and Honolulu counties]

Rank	Landowner	Total acres	Hawaii	Kahoolawe	Kauai	Lanai	Maui	Molokai	Niihau	Oahu
1	Gov't State including DHHL	1,565,538.0	1,091,826.4	28,536.8	155,517.6	541.1	153,985.2	49,098.4	127.1	85,905.5
	Gov't. - State (excluding DHHL)	1,367,607.5	974,565.2	28,536.8	136,025.9	512.7	122,647.7	23,978.9	127.1	81,213.1
	Gov't. - State Dept. of Hawaiian Home Lands (DHHL)	197,930.6	117,261.1	-	19,491.7	28.4	31,337.4	25,119.5	-	4,692.3
2	Govt. Federal	530,122.9	432,471.2	23.7	3,437.3	8.3	33,658.2	172.0	271.7	60,080.6
3	Kamehameha Schools	363,526.5	297,094.7	-	10,872.9	-	2,636.5	4,936.7	-	47,985.7
4	Parker Ranch	106,737.1	106,737.1	-	-	-	-	-	-	-
5	Lanai Resorts LLC	89,184.1	-	-	-	-	-	-	-	-
6	Alexander & Baldwin	88,763.3	13.6	-	21,016.1	-	67,711.2	-	-	22.4
7	Molokai Ranch	56,743.6	-	-	-	-	-	56,743.6	-	-
8	Robinson Family	50,614.3	-	-	50,614.3	-	-	-	-	-
9	Robinson Aylmer	46,040.6	-	-	-	-	-	-	46,040.6	-
10	Government - County 1/	34,142.1	6,633.3	-	873.0	229.2	7,677.8	257.9	-	18,470.8
11	Grove Farm	33,294.0	-	-	33,294.0	-	-	-	-	-
12	Castle & Cooke	30,141.9	233.0	-	-	-	-	-	-	29,908.9
13	Haleakala Ranch	29,199.9	-	-	-	-	29,199.9	-	-	-
14	Maui Land & Pine	23,042.1	-	-	-	-	23,042.1	-	-	-
15	Yee Hop	21,636.6	21,636.6	-	-	-	-	-	-	-
16	Ulupalakua Ranch	18,523.6	-	-	-	-	18,523.6	-	-	-
17	W.H. Shipman	16,804.8	16,804.8	-	-	-	-	-	-	-
18	Kahuku Aina Properties	16,423.3	16,423.3	-	-	-	-	-	-	-
19	McCandless Ranch	15,163.5	15,004.7	-	-	-	-	-	-	158.8
20	Finance Factors	13,240.3	13,232.4	-	-	-	7.6	0.3	-	-

1/ Maui County includes the islands of Maui, Molokai, Lanai, and Kahoolawe; and Kauai County includes Kauai and Niihau.

Source: Hawaii State Department of Business, Economic Development & Tourism, Office of Planning, GIS Program, Large Landowners, 2. Tables (Corrected October 4, 2013)" <[http://files.hawaii.gov/dbedt/op/gis/data/large\\_landowners\\_tables\\_2013\\_corrected.xls](http://files.hawaii.gov/dbedt/op/gis/data/large_landowners_tables_2013_corrected.xls)> accessed July 23, 2014.

**Table 6.08-- REAL PROPERTY OWNED BY OR LEASED TO THE FEDERAL GOVERNMENT: 2007 TO 2013**

[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	2007 1/	2008	2009	2010	2011	2012	2013
Building area (1,000 sq. ft.)	59,700	47,900	59,300	50,600	49,749	49,590	47,342
Owned	50,300	46,500	45,600	49,000	48,879	48,754	46,337
Leased	8,800	700	12,900	800	870	836	1,005
Otherwise managed 2/	600	700	800	800	(NA)	(NA)	(NA)
Federal Gov't land acreage	193,450	1,096,333	235,038	235,300	234,900	234,598	234,675
Owned	178,286	178,255	178,192	178,700	180,900	180,780	180,679
Leased	7,340	59,579	55,811	54,200	54,000	53,858	53,997
Otherwise managed 2/	7,824	858,499	1,035	2,400	(NA)	(NA)	(NA)
Operating cost (\$1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	878,014	877,975
Building	(NA)	(NA)	(NA)	(NA)	(NA)	530,886	523,427
Land	(NA)	(NA)	(NA)	(NA)	(NA)	766	1,461
Structure	(NA)	(NA)	(NA)	(NA)	(NA)	346,363	353,087

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/ Indicates 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, Federal Real Property Council (FRPC) *Real Property Statistics (FRPP)*; Federal Real Property Council (FRPC) *Summary Report (FRPP - Federal Real Property Profile)* (annual) <<http://www.gsa.gov/portal/content/102880>> accessed January 6, 2015.



**Table 6.09-- DEPARTMENT OF HAWAIIAN HOME LANDS  
HOMESTEAD LESSEES AND APPLICANTS, BY ISLAND: 2012 TO 2014**

[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
2012							
Homestead leases 1/	9,849	2,524	1,418	29	846	4,288	744
Residential	8,341	1,713	1,278	29	396	4,228	697
Agricultural	1,100	506	65	-	423	60	46
Pastoral	408	305	75	-	27	-	1
Applications 1/ 2/	42,529	14,435	8,671	65	1,973	13,368	4,017
Residential 2/	21,574	5,621	3,620	65	755	9,949	1,564
Agricultural 2/ 3/	17,994	6,902	4,488	-	1,030	3,419	2,155
Pastoral 2/ 3/	2,961	1,912	563	-	188	-	298
2013							
Homestead leases 1/	9,850	2,525	1,418	29	845	4,289	744
Residential	8,342	1,714	1,278	29	396	4,228	697
Agricultural	1,100	506	65	-	422	61	46
Pastoral	408	305	75	-	27	-	1
Applications 1/	43,080	14,497	8,713	66	1,990	13,738	4,076
Residential	21,929	5,643	3,629	66	755	10,238	1,598
Agricultural	18,164	6,939	4,510	-	1,041	3,500	2,174
Pastoral	2,987	1,915	574	-	194	-	304
2014							
Applications 1/	43,795	14,686	8,838	72	2,013	14,055	4,131
Residential	22,335	5,718	3,686	72	763	10,480	1,616
Agricultural	18,437	7,039	4,562	-	1,055	3,575	2,206
Pastoral	3,023	1,929	590	-	195	-	309

1/ Residence, agriculture, or pasture. Since applicants may apply for two types of leases, duplications occur. For example, the Department estimates that 2012 and 2013 Statewide applications of 42,529 and 43,080 are held by some 26,550 and 26,926 applicants respectively. Data are subject to audit.

2/ Revised from previous *Data Book*.

3/ Oahu and State Total for 'Agricultural' and 'Pastoral' reflect forthcoming revisions.

Source: Hawaii State Department of Hawaiian Home Lands, *Annual Report* (annual)

<<http://dhhl.hawaii.gov/icro/annual-reports/>> accessed June 20, 2015 and forthcoming revision; and "Applicant Waiting List up to June 30, 2014"

<<http://dhhl.hawaii.gov/applications/application-wait-list/>> accessed June 15, 2015.

**Table 6.10-- STATE PUBLIC AND SET-ASIDE LAND INVENTORY,  
BY COUNTY: JANUARY 10, 1999**

[In thousands of acres]

<b>Type of document</b>	<b>State total</b>	<b>City and County of Honolulu</b>	<b>County of Hawaii</b>	<b>County of Kauai</b>	<b>County of Maui</b>
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: 2005 TO 2014**

[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]

<b>Point of origin and status</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
All directions	8,840,063	9,049,713	9,011,455	8,034,872	7,718,206
Landing	8,713,112	8,937,555	8,910,672	8,021,780	7,709,202
Intransit	126,951	112,158	100,783	13,092	9,004
Domestic	6,460,134	6,793,781	6,810,847	6,009,005	5,751,759
Landing	6,436,275	6,772,702	6,791,906	6,005,133	5,748,379
Intransit	23,859	21,079	18,941	3,872	3,380
International	2,379,929	2,255,932	2,200,608	2,025,867	1,966,447
Landing	2,276,837	2,164,853	2,118,766	2,016,647	1,960,823
Intransit	103,092	91,079	81,842	9,220	5,624
<b>Point of origin and status</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
All directions	8,258,740	8,556,041	9,232,172	9,513,611	(NA)
Landing	8,255,465	8,510,128	9,216,594	9,283,117	9,458,694
Intransit	3,275	45,913	15,578	230,494	(NA)
Domestic	6,086,335	6,278,333	6,551,222	6,631,539	(NA)
Landing	6,083,060	6,258,790	6,551,222	6,527,077	6,647,828
Intransit	3,275	19,543	-	104,462	(NA)
International	2,172,405	2,277,708	2,680,950	2,882,072	(NA)
Landing	2,172,405	2,251,338	2,665,372	2,756,040	2,810,866
Intransit	-	26,370	15,578	126,032	(NA)

NA Not available.

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: 2012 TO 2014**

[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]

<b>Year and point of origin</b>	<b>All types</b>	<b>Visitors to Hawaii</b>	<b>Returning residents</b>	<b>Intended residents</b>
<b>PARTIES 1/</b>				
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)
2013, total	(NA)	3,705,213	549,654	(NA)
Domestic	3,183,430	2,670,556	491,605	21,269
International	(NA)	1,034,657	58,049	(NA)
2014, total	(NA)	3,781,318	518,237	(NA)
Domestic	3,178,522	2,674,818	483,336	20,369
International	(NA)	1,106,500	34,901	(NA)
<b>PASSENGERS</b>				
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)
2013, total	9,513,611	8,003,474	1,239,061	(NA)
Domestic	6,631,539	5,405,300	1,081,195	40,583
International	2,882,072	2,598,174	157,866	(NA)
2014, total	(NA)	8,183,671	1,233,208	(NA)
Domestic	(NA)	5,473,388	1,132,625	41,815
International	(NA)	2,710,283	100,583	(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 2014**

[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 2014 -- 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
2013	8,003,474	5,405,300	2,598,174	202,876	149,213	53,663
2014	8,183,671	5,473,388	2,710,283	205,433	150,288	55,145

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:  
2013 AND 2014**

[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/	2013			2014		
	Total	Domestic	Inter-national	Total	Domestic	Inter-national
All visitors	8,003,474	5,405,300	2,598,174	8,183,671	5,473,388	2,710,283
US West MMA 2/	3,211,429	3,143,177	68,252	3,286,677	3,187,760	98,917
US East MMA 3/	1,701,852	1,628,677	73,175	1,734,794	1,653,010	81,784
Japan MMA	1,518,517	7,727	1,510,790	1,511,699	10,142	1,501,557
Canada MMA	517,011	218,097	298,914	524,565	203,533	321,032
Other Asia MMA 4/	335,072	56,786	278,286	368,502	64,597	303,905
China	125,011	39,768	85,243	160,077	47,115	112,962
Hong Kong	5,447	2,786	2,661	5,296	3,028	2,268
Korea	177,113	10,049	167,064	178,090	10,651	167,439
Singapore	4,822	1,423	3,399	4,581	1,369	3,212
Taiwan	22,679	2,760	19,919	20,458	2,434	18,024
Oceania MMA 5/	355,568	73,765	281,803	371,072	80,664	290,408
Australia	305,063	64,297	240,766	309,836	67,947	241,889
New Zealand	50,505	9,468	41,037	61,236	12,717	48,519
Europe MMA 6/	136,805	114,934	21,871	143,057	118,728	24,329
United Kingdom	46,616	39,450	7,166	48,725	40,958	7,767
France	19,827	11,833	7,994	22,072	13,000	9,072
Germany	43,531	39,356	4,175	43,940	39,350	4,590
Italy	11,014	10,117	897	11,693	10,673	1,020
Switzerland	15,818	14,179	1,639	16,628	14,748	1,880
Latin America MMA 7/	30,265	28,898	1,367	30,095	28,853	1,242
Argentina	5,425	5,273	152	5,265	5,166	99
Brazil	14,854	14,293	561	14,687	14,007	680
Mexico	9,986	9,332	654	10,142	9,679	463
Other MMA 8/	196,955	133,239	63,716	213,210	126,101	87,109

Continued on next page.

**Table 7.04-- OVERNIGHT AND LONGER VISITORS TO HAWAII:  
2013 AND 2014 -- 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 2014**

[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
2013	74,049,772	54,462,717	19,587,054
2014	74,982,915	54,854,993	20,127,921

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:  
2013 AND 2014**

[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	2013			2014		
	Total	Domestic	Inter-national	Total	Domestic	Inter-national
State total	202,876	149,213	53,663	205,433	150,288	55,145
Oahu	96,054	57,079	38,974	96,013	55,934	40,078
Hawaii	29,255	24,500	4,755	30,008	25,286	4,722
Kauai	23,334	21,689	1,645	23,589	21,698	1,892
Maui County	54,233	45,944	8,289	55,822	47,370	8,452
Maui	52,798	44,675	8,124	54,446	46,138	8,308
Molokai	725	638	87	758	685	73
Lanai	710	632	78	618	547	71

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: 2013 AND 2014**

[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	2013			2014		
	Total	Domestic	Inter-national	Total	Domestic	Inter-national
State total 1/	8,003,474	5,405,300	2,598,174	8,183,671	5,473,388	2,710,283
Oahu	5,044,276	2,732,456	2,311,820	5,176,858	2,763,832	2,413,026
Kauai	1,114,354	987,818	126,537	1,117,703	986,198	131,506
Maui County 1/	2,401,733	1,958,891	442,842	2,449,714	2,004,801	444,912
Maui	2,358,784	1,921,362	437,421	2,410,214	1,970,676	439,538
Molokai	55,157	42,663	12,494	59,647	47,296	12,351
Lanai	74,310	58,334	15,975	67,948	54,612	13,336
Hawaii County 1/	1,435,245	1,055,383	379,862	1,449,070	1,078,953	370,117
Hilo	524,705	357,282	167,423	532,261	371,318	160,942
Kona	1,201,253	913,854	287,399	1,218,693	935,095	283,598
One island only	6,465,226	4,392,067	2,073,159	6,645,754	4,449,112	2,196,642
Oahu only	3,745,371	1,936,008	1,809,363	3,885,943	1,962,429	1,923,514

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: 2013 AND 2014**

[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
2013			
Residence (percent)			
United States	61.4	88.3	5.4
Pacific and Mountain States	40.1	58.1	2.6
California	23.0	33.4	1.4
Average age	45.1	46.5	42.7
Persons per party	2.16	2.02	2.51
Number of trips to Hawaii	5.03	5.75	3.52
Repeat visitors (percent)	65.3	71.0	53.6
Pleasure trip (percent)	83.7	82.6	86.0
In hotel only (percent)	55.3	45.2	76.3
One island only	80.8	81.3	79.8
2014			
Residence (percent)			
United States	61.4	88.4	6.7
Pacific and Mountain States	32.7	47.4	3.0
California	23.1	33.8	1.7
Average age	44.9	46.6	42.3
Persons per party	2.16	2.05	2.45
Number of trips to Hawaii	5.01	5.81	3.39
Repeat visitors (percent)	65.1	71.2	52.7
Pleasure trip (percent)	83.4	82.2	85.9
In hotel only (percent)	55.7	45.6	76.1
One island only	81.2	81.3	81.0

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:  
2013 AND 2014**

[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]

Residence	2013	2014
United States	4,771,854	4,840,769
Pacific	2,548,978	2,593,041
Alaska	77,365	75,447
California	1,803,858	1,847,700
Oregon	201,869	202,897
Washington	465,887	466,997
Mountain	594,199	594,719
Arizona	165,660	162,524
Colorado	136,990	138,265
Idaho	46,097	44,835
Montana	25,280	25,090
Nevada	88,646	90,273
New Mexico	26,066	24,719
Utah	96,406	98,976
Wyoming	9,053	10,037
West North Central	196,435	200,329
Iowa	26,019	25,992
Kansas	24,059	24,257
Minnesota	68,742	72,260
Missouri	43,243	43,166
Nebraska	17,074	16,873
North Dakota	8,785	9,455
South Dakota	8,513	8,326
West South Central	288,044	300,555
Arkansas	12,919	12,763
Louisiana	16,838	18,220
Oklahoma	26,064	26,351
Texas	232,224	243,222
East North Central	335,549	337,516
Illinois	126,284	126,545
Indiana	38,289	39,305
Michigan	62,270	61,597
Ohio	64,309	65,218
Wisconsin	44,397	44,851

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**Table 7.09-- DOMESTIC VISITORS BY STATE AND REGION:  
2013 AND 2014 -- Con.**

Residence	2013	2014
East South Central	74,524	74,898
Alabama	17,524	17,832
Kentucky	18,131	18,177
Mississippi	7,661	7,884
Tennessee	31,207	31,004
New England	107,911	106,442
Connecticut	26,292	24,674
Maine	7,943	7,529
Massachusetts	53,502	53,748
New Hampshire	9,267	9,489
Rhode Island	5,980	6,122
Vermont	4,926	4,880
Middle Atlantic	270,350	263,552
New Jersey	72,970	69,960
New York	128,832	125,781
Pennsylvania	68,548	67,811
South Atlantic	355,864	369,718
Delaware	5,075	5,141
Washington, D.C.	8,977	9,415
Florida	95,885	100,536
Georgia	54,563	57,230
Maryland	46,564	47,235
North Carolina	45,659	46,498
South Carolina	18,922	20,459
Virginia	74,498	77,662
West Virginia	5,721	5,543

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: 2013 AND 2014**

[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	
	2013	2014	2013	2014
All visitors 1/	5,405,300	5,473,388	2,598,174	2,710,283
Purpose of visit 1/				
Pleasure (net)	4,462,342	4,501,210	2,234,804	2,326,909
Vacation	4,244,352	4,267,561	1,880,498	1,940,904
Honeymoon	222,612	247,213	348,199	382,209
Wedding	53,767	66,800	65,406	52,213
Meetings, conventions, incentive 1/	294,488	324,336	121,292	132,680
Convention/conference	177,610	198,946	42,815	47,950
Corporate meeting	65,899	76,692	8,105	11,584
Incentive	62,944	68,695	72,848	74,775
Other business	216,707	249,458	22,897	21,253
Visit friends or relatives	596,182	603,375	75,536	75,320
Government or military	62,051	78,113	7,296	9,306
Attend school	13,688	22,117	6,495	7,367
Sport event	64,942	71,094	41,142	34,745
Traveler method				
Group tour	172,574	190,804	508,872	487,545
Package	1,168,563	1,157,874	1,564,526	1,590,126
Group tour and package	117,336	128,209	454,460	432,252
True independent	4,181,499	4,252,919	979,235	1,064,864
Accommodations				
Hotel	2,929,039	2,995,796	2,112,954	2,202,203
Hotel only	2,441,119	2,496,876	1,983,628	2,062,386
Condo	1,108,310	1,084,801	350,864	355,028
Condo only	870,184	847,154	268,573	273,984
Timeshare	653,479	651,508	105,213	113,334
Timeshare only	504,749	499,892	81,731	86,174
Rental house	438,965	482,784	53,598	69,987
Bed & breakfast	64,198	66,149	15,708	15,589
Cruise ship	101,643	112,686	22,473	24,393
Friends, relatives	630,221	632,144	71,705	78,320

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: 2013**

[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	93.9	93.0	95.6	89.7
Self-guided / drive around island	84.4	84.7	83.8	58.5
Helicopter / airplane tour	9.1	6.3	14.3	1.9
Boat / submarine tour, whale watching	27.5	25.1	32.2	12.3
Visit communities	31.4	30.8	32.6	23.9
Limo, van/bus tour	12.3	8.4	19.7	36.3
Scenic views / natural landmarks	63.3	60.2	69.2	25.3
Movie / TV film location	4.2	3.3	5.8	3.7
Recreation	95.3	95.2	95.6	84.0
Beach / sunbathing / swimming	86.3	85.9	87.0	67.1
Surfing / bodyboarding / paddleboarding	23.4	25.1	20.1	7.2
Canoeing / kayaking	9.7	9.7	9.7	3.1
Snorkeling / scuba diving	46.9	48.6	43.8	16.9
Jet skiing / parasailing / windsurfing	2.6	2.7	2.4	2.8
Golf	10.8	10.7	10.8	8.0
Running / jogging / fitness walking	37.7	38.5	36.1	22.0
Spa	10.8	10.5	11.4	6.4
Backpacking / hiking / camping	23.7	21.9	27.1	7.0
Agritourism	10.8	10.4	11.7	4.2
Sports event / tournament	2.8	2.9	2.6	3.5
State parks / botanical gardens	46.5	43.5	52.1	13.3
Entertainment	98.5	98.9	97.9	94.8
Lunch / sunset / dinner / evening cruise	25.5	23.5	29.2	59.7
Live music / stage show	34.1	31.3	39.4	24.8
Nightclub / dancing / bar / karaoke	12.2	11.7	13.2	5.1
Fine dining	60.4	59.3	62.5	36.1
Family restaurant / diner	71.7	73.7	67.9	37.6
Fast food	40.3	39.7	41.4	52.1
Cafe / coffee house	42.6	44.0	39.9	49.5
Ethnic dining	34.0	33.9	34.1	10.5
Prepared own meal	56.8	62.5	46.1	17.1

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**Table 7.11-- ACTIVITY PARTICIPATION BY VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2013 -- Con.**

Activity	U.S. total	U.S. West 1/	U.S. East 2/	Japan
Shopping	96.7	97.0	96.3	98.5
Mall / department stores	50.8	51.6	49.5	84.5
Designer boutiques	23.8	23.3	24.6	41.2
Hotel stores	35.6	31.9	42.6	45.7
Swap meet / flea market	25.8	26.2	25.0	14.2
Discount / outlet stores	22.3	21.9	23.0	33.8
Supermarkets	62.8	65.7	57.2	60.2
Farmers market	33.3	35.7	28.6	21.5
Convenience stores	44.2	43.6	45.4	68.8
Duty Free stores	3.6	3.1	4.4	56.0
Local shops / artisans	68.8	68.1	70.0	21.1
Culture	71.1	67.3	78.3	50.7
Historic military site	27.2	20.9	39.0	12.4
Other historic site	29.4	27.5	32.9	14.1
Museum / art gallery	21.9	21.7	22.4	7.3
Luau	32.5	27.0	42.8	3.7
Polynesian show / hula	21.9	18.9	27.6	26.4
Lessons: hula / canoeing	3.8	3.4	4.6	3.9
Ukulele lessons	1.5	1.5	1.5	1.5
Play / concert / theatre	4.5	4.4	4.7	2.2
Art / craft fair	12.3	12.6	11.8	1.6
Festivals	3.8	3.9	3.7	2.8
Transportation	91.4	91.7	91.0	97.7
Airport shuttle	32.3	30.1	36.3	33.2
Trolley	5.3	4.3	7.1	55.3
Public bus	9.5	8.7	10.8	20.5
Tour bus / tour van	16.2	11.4	25.3	49.5
Meeting	6.7	6.7	6.9	1.7
Convention	5.3	4.4	7.2	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.

Source: Hawaii Tourism Authority, Tourism Research, *2013 Visitor Satisfaction and Activity Report*  
 <<http://www.hawaiitourismauthority.org/default/assets/File/reports/visitor-satisfaction/2013%20VSAT%20Report%20Final.pdf>> accessed July 15, 2015.

**Table 7.12-- OVERALL RATING BY LIFESTAGE AND BY VISITATION STATUS BY VISITORS FROM THE U.S. TOTAL: 2013**

[Covers visitors from United States staying overnight or longer. Percent of visitors]

<b>Category</b>	<b>Excellent</b>	<b>Above average</b>	<b>Below average</b>	<b>Poor</b>
Total	82.6	16.0	1.3	0.1
Lifestyle / lifestage segments				
Wedding / honeymoon	88.1	11.9	0.0	0.0
Family	84.3	14.8	0.8	0.1
Young	81.8	17.2	1.0	0.0
Middle age	82.5	16.4	0.9	0.1
Seniors	81.8	16.4	1.7	0.1
Visitation status				
First timers	84.3	14.8	0.9	0.0
Repeat visitors	82.1	16.5	1.3	0.1

Source: Hawaii Tourism Authority, Tourism Research, *2013 Visitor Satisfaction and Activity Report*  
 <<http://www.hawaiitourismauthority.org/default/assets/File/reports/visitor-satisfaction/2013%20VSAT%20Report%20Final.pdf>> accessed July 15, 2015.

**Table 7.13-- OVERALL RATING BY LIFESTAGE AND BY VISITATION STATUS BY VISITORS FROM THE U.S. WEST: 2013**

[Covers visitors from Pacific and Mountain States of the United States staying overnight or longer. Percent of visitors]

<b>Category</b>	<b>Excellent</b>	<b>Above average</b>	<b>Below average</b>	<b>Poor</b>
Total	81.0	17.5	1.4	0.1
Lifestyle / lifestage segments				
Wedding / honeymoon	87.3	12.7	0.0	0.0
Family	82.7	16.3	1.0	0.0
Young	79.3	19.5	1.2	0.0
Middle age	81.8	17.1	1.0	0.1
Seniors	79.9	18.0	1.9	0.2
Visitation status				
First timers	83.9	14.9	1.2	0.0
Repeat visitors	80.5	18.0	1.4	0.1

Source: Hawaii Tourism Authority, Tourism Research, *2013 Visitor Satisfaction and Activity Report* <<http://www.hawaiitourismauthority.org/default/assets/File/reports/visitor-satisfaction/2013%20VSAT%20Report%20Final.pdf>> accessed July 15, 2015.

**Table 7.14-- OVERALL RATING BY LIFESTAGE AND BY VISITATION STATUS BY VISITORS FROM THE U.S. EAST: 2013**

[Covers visitors from all other states in the continental United States not included in U.S. West staying overnight or longer. Percent of visitors]

<b>Category</b>	<b>Excellent</b>	<b>Above average</b>	<b>Below average</b>	<b>Poor</b>
Total	85.6	13.2	1.1	0.1
Lifestyle / lifestage segments				
Wedding / honeymoon	88.9	11.1	0.0	0.0
Family	88.7	10.7	0.2	0.3
Young	86.4	13.1	0.5	0.0
Middle age	83.8	15.3	0.8	0.2
Seniors	85.2	13.3	1.4	0.1
Visitation status				
First timers	84.6	14.6	0.7	0.1
Repeat visitors	86.5	12.3	1.0	0.2

Source: Hawaii Tourism Authority, Tourism Research, *2013 Visitor Satisfaction and Activity Report*  
 <<http://www.hawaiitourismauthority.org/default/assets/File/reports/visitor-satisfaction/2013%20VSAT%20Report%20Final.pdf>> accessed July 15, 2015.



**Table 7.15-- OVERALL RATING BY LIFESTAGE AND BY VISITATION STATUS BY VISITORS FROM JAPAN: 2013**

[Visitors staying overnight or longer. Percent of visitors]

<b>Category</b>	<b>Excellent</b>	<b>Above average</b>	<b>Below average</b>	<b>Poor</b>
Total	71.0	27.7	1.1	0.1
Lifestyle / lifestage segments				
Wedding / honeymoon	85.7	13.2	1.1	0.0
Family	73.0	26.1	0.8	0.1
Young	80.2	19.4	0.4	0.0
Middle age	74.8	23.6	1.4	0.2
Seniors	61.1	37.2	1.4	0.2
Visitation status				
First timers	73.8	24.7	1.4	0.1
Repeat visitors	69.3	29.5	1.0	0.2

Source: Hawaii Tourism Authority, Tourism Research, *2013 Visitor Satisfaction and Activity Report*  
 <<http://www.hawaii tourism authority.org/default/assets/File/reports/visitor-satisfaction/2013%20VSAT%20Report%20Final.pdf>> accessed July 15, 2015.

**Table 7.16-- OVERALL ISLAND EXPERIENCE BY VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2013**

[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]

Criterion by island	U.S. total	U.S. West 1/	U.S. East 2/	Japan
Oahu				
Excellent	56.9	57.1	56.5	57.3
Above average	36.9	36.5	37.4	40.6
Below average	5.7	6.1	5.0	2.1
Poor	0.6	0.3	1.1	0.1
Maui				
Excellent	67.1	63.6	72.9	52.3
Above average	30.8	34.3	25.0	43.2
Below average	1.8	1.8	1.9	4.2
Poor	0.3	0.3	0.2	0.4
Molokai				
Excellent	55.6	64.8	46.5	56.4
Above average	33.3	27.0	39.6	43.6
Below average	10.7	7.6	13.7	0.0
Poor	0.4	0.6	0.2	0.0
Lanai				
Excellent	60.5	60.2	60.6	36.3
Above average	33.1	33.3	32.9	52.6
Below average	4.7	5.7	3.9	11.1
Poor	1.7	0.8	2.6	0.0
Big Island				
Excellent	63.3	62.8	63.9	60.4
Above average	34.2	34.9	33.1	37.0
Below average	2.2	1.8	2.7	2.6
Poor	0.4	0.5	0.2	0.0
Kauai				
Excellent	69.4	66.0	74.7	49.7
Above average	28.9	32.4	23.6	45.3
Below average	1.5	1.4	1.6	5.0
Poor	0.2	0.3	0.1	0.0

1/ Pacific and Mountain States of the United States.

2/ All other states in the Continental United States not included in U.S. West.

Source: Hawaii Tourism Authority, Tourism Research, *2013 Visitor Satisfaction and Activity Report*

<<http://www.hawaiitourismauthority.org/default/assets/File/reports/visitor-satisfaction/2013%20VSAT%20Report%20Final.pdf>> accessed July 15, 2015.

**Table 7.17-- SOURCES OF INFORMATION FOR TRIP PLANNING BY VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2013**

[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 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
Personal experience	64.0	68.4	55.7	37.3
Recommendations from friends or relatives	54.2	52.9	56.5	31.8
Information from hotels or resorts	46.2	43.5	51.3	35.7
Online travel booking site	39.5	38.4	41.4	37.0
Online webpage or blog covering Hawaii	34.0	31.3	39.3	47.4
Information from airline/commercial carriers	41.4	41.2	41.8	26.6
Books	28.2	25.6	32.9	48.3
Travel agents	18.2	14.8	24.7	62.3
Magazines	20.3	19.7	21.4	56.6
Companies specializing in packaged tours	22.3	19.4	27.6	28.8
Smartphone or tablet applications relevant to your trip	21.6	20.7	23.3	17.3
Hawaii visitor bureaus website	18.3	14.7	25.0	19.4
Online social networking site	8.7	7.7	10.4	7.3
Newspapers	8.6	8.4	9.1	5.5

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, *2013 Visitor Satisfaction and Activity Report* <<http://www.hawaiitourismauthority.org/default/assets/File/reports/visitor-satisfaction/2013%20VSAT%20Report%20Final.pdf>> accessed July 15, 2015.

**Table 7.18-- INTERNET USAGE FOR TRIP PLANNING BY VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2013**

[Covers visitors staying overnight or longer anywhere in the State, and any overnight or non-overnight interisland trips reported by these visitors. Percent of respondents who used the internet. Percentages do not sum to 100 percent due to multiple sources used]

How the internet was used	U.S. total	U.S. West 1/	U.S. East 2/	Japan
Making airline reservations	81.4	84.1	76.0	32.7
Choosing an airline	77.7	80.1	73.0	35.1
Airport check-in	70.2	71.3	68.0	32.1
Checking the weather	55.2	54.3	56.9	52.4
Making hotel or other lodging reservations	61.6	62.5	59.8	30.0
Making car rental reservations	63.2	65.9	58.0	19.1
Planning activities	54.1	52.5	57.4	40.2
Finding restaurants	46.7	45.5	49.1	52.8
Estimating the costs of your trip	54.3	53.7	55.5	23.9
Deciding on vacation destination	46.4	46.6	45.9	36.9
Accessing maps and directions, GPS	41.5	40.1	44.1	42.4
Finding places to shop	33.9	33.2	35.5	50.6
Purchasing any tour or attraction packages	33.1	30.1	38.8	31.2
Other	1.6	1.6	1.5	1.3

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, *2013 Visitor Satisfaction and Activity Report*

<<http://www.hawaii-tourism-authority.org/default/assets/File/reports/visitor-satisfaction/2013%20VSAT%20Report%20Final.pdf>> accessed July 15, 2015.

**Table 7.19-- SAFETY ISSUES AND OTHER NUISANCE ENCOUNTERED BY VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2012 AND 2013**

[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 do not sum to 100 percent due to multiple answers selected]

	U.S. total	U.S. West 1/	U.S. East 2/	Japan
2012				
No problems	55.3	57.2	51.5	49.6
Safety issues				
Drug dealers	2.3	2.5	1.9	1.3
Verbal harassment	1.5	1.4	1.9	2.9
Car vandalized	1.1	1.0	1.3	1.3
Wallet stolen	1.1	0.9	1.3	0.8
Solicited by prostitutes	0.9	1.0	0.8	0.5
Violence	0.3	0.3	0.3	0.2
Room vandalized	0.2	0.2	0.3	0.4
Other nuisance				
Seeing homeless	36.8	33.8	42.5	43.5
Severe weather/natural calamities	8.5	8.6	8.3	4.5
Other negative	7.4	7.5	7.0	6.3
Service problems	2.5	2.6	2.5	7.8
Parking ticket	2.4	2.6	2.1	1.6
2013				
No problems	47.4	49.0	44.5	50.1
Safety issues				
Drug dealers	1.9	2.0	1.7	0.8
Verbal harassment	2.3	2.5	2.1	1.3
Car vandalized	0.7	0.6	1.0	0.4
Wallet stolen	0.9	1.0	0.8	1.5
Solicited by prostitutes	1.0	1.2	0.7	0.9
Violence	0.4	0.6	0.1	0.3
Room vandalized	0.2	0.2	0.1	0.4
Other nuisance				
Seeing homeless	43.7	41.1	48.7	42.8
Severe weather/natural calamities	10.1	10.3	9.9	5.2
Other negative	10.6	11.0	10.0	6.0
Service problems	2.8	2.5	3.4	6.5
Parking ticket	1.3	1.6	0.8	3.1

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, *2012 Visitor Satisfaction and Activity Report*, and *2013 Visitor Satisfaction and Activity Report*

<<http://www.hawaiitourismauthority.org/research/reports/visitor-satisfaction/>> accessed July 15, 2015.

**Table 7.20-- VISITOR PROFILE AND TRIP CHARACTERISTICS OF VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2013**

[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
Visitation status				
First timers	26.8	18.7	42.1	40.3
Repeat visitors	73.2	81.3	57.9	59.7
Gender and median age				
Male	47.4	46.5	49.1	51.1
Female	52.6	53.5	50.9	48.9
Median age	52.0	52.0	53.0	50.0
Lifestyle / lifestage segments				
Wedding / honeymoon	2.3	1.9	3.2	9.3
Family	21.2	23.8	16.4	16.8
Young	11.7	11.4	12.4	12.9
Middle age	29.0	27.3	32.4	24.6
Seniors	35.6	35.6	35.7	36.5
Primary purpose of trip				
Vacation	65.1	66.5	62.3	66.4
Business meeting / conduct business	5.4	5.3	5.5	0.8
Convention / conference / seminar	3.1	2.4	4.3	0.3
Incentive / reward	1.2	1.1	1.3	0.9
Visit friends / relatives	9.1	8.5	10.4	1.8
Get married	0.7	0.8	0.4	1.9
Attend / participate in wedding	2.9	3.0	2.6	8.5
Honeymoon	1.7	1.0	3.0	8.9
Anniversary / birthday	4.6	4.4	4.9	1.8
Cultural / historical / musical event	0.4	0.4	0.5	0.6
Sports event	0.7	0.9	0.3	3.2
Medical treatment	0.0	0.0	0.0	0.0
Shopping / fashion	0.0	0.0	0.1	1.4
Education / visit schools	0.4	0.5	0.1	0.5
Family gathering / reunion	2.0	2.3	1.5	1.1
Real estate purchase / viewing	0.5	0.6	0.3	0.1
Other	2.3	2.2	2.5	1.7

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**Table 7.20-- VISITOR PROFILE AND TRIP CHARACTERISTICS OF VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2013 -- Con.**

Characteristic	U.S. total	U.S. West 1/	U.S. East 2/	Japan
Highest level of school				
Some high school	0.4	0.4	0.4	1.6
High school grad	5.5	4.8	7.0	26.9
Some college	14.2	14.3	13.9	5.5
Vocational / technical	4.0	4.1	3.9	9.5
2-year degree	7.6	8.1	6.6	9.8
4-year degree	36.4	37.7	33.8	41.5
Post grad degree	31.9	30.6	34.4	5.3
Employment status				
Self-employed	16.4	18.0	13.3	12.3
Employed, working for someone else	54.5	52.1	59.0	13.0
Retired	21.8	21.8	21.8	17.4
Student	2.1	2.1	2.2	6.9
Homemaker	3.7	4.3	2.5	14.3
Other	1.5	1.6	1.2	36.0
Visitors income				
Up to \$40,000	6.8	7.2	5.9	15.1
\$40,000 to \$50,000	3.9	4.0	3.9	12.9
\$50,000 to \$60,000	6.4	6.3	6.7	11.4
\$60,000 to \$70,000	5.2	4.5	6.6	9.2
\$70,000 to \$80,000	5.9	5.9	6.1	9.3
\$80,000 to \$90,000	6.6	6.5	6.8	8.5
\$90,000 to \$100,000	6.0	6.0	6.0	9.6
\$100,000 to \$125,000	16.3	16.1	16.6	21.8
\$125,000 to \$150,000	9.5	9.4	9.7	0.8
\$150,000 to \$175,000	7.6	7.5	7.6	0.4
\$175,000 to \$200,000	5.0	5.0	5.0	0.3
\$200,000 to \$250,000	6.4	6.2	6.9	0.4
\$250,000 or more	14.4	15.4	12.3	0.4

1/ Pacific and Mountain States of the United States.

2/ All other states in the Continental United States not included in U.S. West.

Source: Hawaii Tourism Authority, Tourism Research, *2013 Visitor Satisfaction and Activity Report*  
 <<http://www.hawaii tourism authority.org/research/reports/visitor-satisfaction/>> accessed July 15, 2015.

**Table 7.21-- LENGTH OF STAY OF VISITORS STAYING OVERNIGHT OR LONGER, BY POINT OF ORIGIN: 2013 AND 2014**

[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	2013			2014		
	Total	Domestic	International	Total	Domestic	International
All visitors	8,003,474	5,405,300	2,598,174	8,183,671	5,473,388	2,710,283
1 to 6 days	2,713,863	1,141,731	1,572,131	2,840,923	1,200,441	1,640,482
7 to 12 days	4,033,475	3,294,039	739,436	4,096,740	3,298,308	798,432
13 to 30 days	1,162,360	894,427	267,933	1,151,318	898,632	252,686
31 to 365 days	93,775	75,102	18,673	94,690	76,008	18,682
Median (days)	7.30	8.00	6.00	7.25	8.00	6.00
Mean (days)	9.25	10.08	7.54	9.16	10.02	7.43

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:  
2009 TO 2014**

[Covers visitors staying overnight or longer anywhere in the state, and any overnight or non-overnight interisland trips reported by these visitors]

<b>Subject</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Arrivals (1,000)	1,168	1,239	1,242	1,466	1,519	1,512
Average stay (days)	5.83	5.87	6.03	6.02	5.94	5.80
Expenditures (mil. dol.)	1,826	1,900	2,164	2,735	2,486	2,397

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 2014**

[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)	1998	147.37	235.25
1965-66 1/	37.23	(NA)	1999	148.91	207.46
1974	46.20	123.00	2000	154.92	214.20
1977	54.62	146.85	2001	142.75	227.05
1980	71.24	185.00	2002	150.39	233.13
1983	85.88	227.32	2003	157.18	240.09
1986	95.40	299.00	2004	157.95	251.47
1987	102.49	324.00	2005	160.79	255.42
1988	121.44	350.00	2006	166.28	266.47
1989	126.57	322.00	2007	170.29	268.83
1990	136.30	294.04	2008	161.01	288.33
1991	140.54	344.29	2009	145.70	268.33
1992	117.14	344.68	2010	151.62	261.10
1993	116.15	306.54	2011	157.81	289.10
1994	133.79	340.88	2012	167.09	310.10
1995	132.73	356.15	2013	172.07	275.74
1996	137.04	286.89	2014	177.58	273.39
1997	157.07	279.58			

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 2014**

[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	1998	163.0	90
1965-66 2/	32.0	116	1999	166.6	89
1974	49.3	94	2000	172.2	90
1977	60.6	90	2001	177.1	81
1980	82.4	86	2002	179.9	84
1983	99.6	86	2003	184.0	85
1986	109.6	87	2004	188.9	84
1987	113.6	90	2005	195.3	82
1988	118.3	103	2006	201.6	82
1989	124.0	102	2007	207.3	82
1990	130.7	104	2008	215.3	75
1991	136.2	103	2009	214.5	68
1992	140.3	83	2010	218.1	70
1993	144.5	80	2011	224.9	70
1994	148.2	90	2012	229.6	73
1995	152.4	87	2013	233.0	74
1996	156.9	87	2014	236.7	75
1997	160.5	98			

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 July 21, 2015 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: 2013 AND 2014**

[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	
	2013	2014	2013	2014	2013	2014	2013	2014
All items	156.5	160.7	198.9	206.7	275.7	273.4	164.1	158.9
Total food and beverage	34.0	35.2	41.5	42.1	49.6	50.7	32.7	32.8
Restaurant food	22.4	22.8	29.7	29.5	36.7	37.7	18.9	19.4
Dinner shows and cruises	2.9	3.3	4.3	4.7	4.4	4.4	3.0	2.8
Groceries and snacks	8.8	9.1	7.5	7.9	8.5	8.6	10.8	10.7
Entertainment & recreation	13.0	14.2	19.3	20.7	19.0	19.1	13.3	12.4
Total transportation	17.0	16.7	20.8	20.9	12.5	12.2	17.9	16.0
Interisland airfare	1.6	1.8	3.9	4.2	2.4	2.1	1.2	1.2
Ground transportation	0.7	0.7	1.1	1.0	6.1	6.3	0.9	0.9
Rental vehicles	13.2	12.8	14.1	14.1	3.6	3.5	14.3	12.3
Gasoline, parking, etc.	1.5	1.4	1.7	1.7	0.4	0.4	1.5	1.6
Total shopping	15.6	16.1	19.3	19.5	79.0	77.8	16.6	16.5
Fashion and clothing	6.1	6.4	7.0	7.0	21.5	20.5	8.8	8.4
Jewelry and watches	2.8	2.7	4.0	3.9	7.8	7.5	2.3	2.3
Cosmetics, perfume	0.3	0.4	0.3	0.4	4.4	4.5	0.4	0.3
Leather goods	0.5	0.6	0.6	0.7	25.9	24.8	0.5	0.6
Hawaii food products	2.4	2.5	2.5	2.6	12.2	13.3	1.6	1.9
Souvenirs	3.6	3.6	5.0	5.0	7.2	7.0	3.0	2.9
Lodging	72.6	74.1	87.0	92.8	101.6	99.7	77.7	75.1
All other expenses 3/	4.2	4.3	11.0	10.6	14.2	14.0	5.8	6.1

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**Table 7.25- EXPENDITURES PER VISITOR DAY BY VISITORS FROM SELECTED GEOGRAPHIC AREA, BY EXPENDITURE TYPE: 2013 AND 2014 -- Con.**

Expenditure type	Visitors from China		Visitors from Korea		Visitors from other Asia 4/		Visitors from Oceania 5/	
	2013	2014	2013	2014	2013	2014	2013	2014
All items	394.0	398.9	268.2	271.4	312.5	320.6	259.5	259.4
Total food and beverage	53.1	54.0	60.0	59.9	56.6	56.2	49.2	48.7
Restaurant food	39.2	39.6	48.0	47.6	43.8	43.2	36.7	36.0
Dinner shows and cruises	7.0	6.4	5.7	6.2	6.2	6.1	4.3	3.8
Groceries and snacks	6.9	8.0	6.3	6.1	6.6	6.9	8.2	8.9
Entertainment & recreation	29.7	29.5	26.2	26.4	27.1	27.1	23.4	22.7
Total transportation	25.4	29.6	23.3	22.7	24.2	25.6	14.4	15.7
Interisland airfare	8.3	10.9	9.4	9.2	8.9	9.7	3.6	3.9
Ground transportation	5.8	5.3	3.0	2.4	4.1	3.6	3.6	4.0
Rental vehicles	9.8	11.9	9.4	9.6	9.6	10.7	6.6	7.0
Gasoline, parking, etc.	1.5	1.6	1.5	1.5	1.5	1.5	0.7	0.8
Total shopping	191.0	182.9	71.0	71.0	115.3	116.9	60.9	62.6
Fashion and clothing	58.8	63.3	25.4	25.3	37.9	41.4	37.9	39.1
Jewelry and watches	42.4	37.9	6.1	4.9	19.4	18.5	6.3	5.8
Cosmetics, perfume	26.0	21.4	4.7	5.8	12.5	12.1	5.5	6.2
Leather goods	46.9	46.2	24.3	23.7	32.1	32.4	4.6	5.4
Hawaii food products	11.9	9.7	7.0	7.0	9.1	8.3	1.6	1.8
Souvenirs	5.0	4.4	3.6	4.1	4.2	4.2	5.1	4.2
Lodging	77.0	87.5	84.8	88.5	80.5	86.4	97.0	97.6
All other expenses 3/	17.7	15.4	2.9	2.9	8.9	8.5	14.6	12.2

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**Table 7.25-- EXPENDITURES PER VISITOR DAY BY VISITORS FROM  
SELECTED GEOGRAPHIC AREA, BY EXPENDITURE TYPE:  
2013 AND 2014 -- Con.**

Expenditure type	Visitors from Europe 6/		Visitors from Latin America 7/		Visitors from other markets 8/	
	2013	2014	2013	2014	2013	2014
All items	176.9	181.9	222.2	270.1	214.2	209.4
Total food and beverage	33.4	37.7	42.1	37.7	42.9	38.1
Restaurant food	23.7	26.6	26.6	25.7	27.0	25.7
Dinner shows and cruises	2.1	3.8	6.4	4.5	5.2	3.5
Groceries and snacks	7.6	7.3	9.1	7.5	10.7	8.9
Entertainment & recreation	13.0	19.7	26.9	19.7	16.5	16.3
Total transportation	23.3	22.8	26.5	28.6	21.8	22.2
Interisland airfare	6.6	5.9	5.8	8.0	5.6	5.5
Ground transportation	1.8	2.2	2.5	1.1	2.9	2.4
Rental vehicles	13.4	13.2	16.7	18.0	10.8	12.6
Gasoline, parking, etc.	1.5	1.5	1.5	1.5	2.5	1.7
Total shopping	18.6	16.1	33.0	58.7	53.8	40.5
Fashion and clothing	8.9	8.3	15.4	25.9	19.4	19.5
Jewelry and watches	3.2	1.4	3.6	15.4	4.0	3.5
Cosmetics, perfume	0.5	0.7	2.4	3.4	2.4	2.5
Leather goods	1.3	0.8	2.7	1.0	13.9	4.1
Hawaii food products	1.7	1.5	3.4	4.6	7.4	4.4
Souvenirs	3.0	3.4	5.5	8.3	6.7	6.6
Lodging	82.9	80.1	84.4	114.9	69.1	79.7
All other expenses 3/	5.6	5.3	9.4	10.6	10.2	12.7

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**Table 7.25-- EXPENDITURES PER VISITOR DAY BY VISITORS FROM  
SELECTED GEOGRAPHIC AREA, BY EXPENDITURE TYPE:  
2013 AND 2014 -- 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/ 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, *Annual Visitor Research Report* (annual) and records.

**Table 7.26-- TOTAL VISITOR EXPENDITURES BY EXPENDITURE TYPE:  
2013 AND 2014**

[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]

<b>Expenditure type</b>	<b>2013</b>	<b>2014</b>	<b>Percent change</b>
All items	14,520.5	14,943.1	2.9
Total food and beverage	2,914.8	3,001.5	3.0
Restaurant food	2,009.0	2,054.3	2.3
Dinner shows and cruises	271.0	290.3	7.1
Groceries and snacks	634.7	656.9	3.5
Entertainment & recreation	1,228.1	1,304.7	6.2
Total transportation	1,330.0	1,335.7	0.4
Interisland airfare	207.3	220.4	6.3
Ground transportation	136.9	134.2	-2.0
Rental vehicles	880.6	878.3	-0.3
Gasoline, parking, etc.	105.1	102.8	-2.2
Total shopping	2,291.4	2,305.5	0.6
Fashion and clothing	847.2	869.9	2.7
Jewelry and watches	327.6	318.6	-2.7
Cosmetics, perfume	109.6	120.5	9.9
Leather goods	384.2	363.8	-5.3
Hawaii food products	286.3	297.3	3.9
Souvenirs	336.5	335.4	-0.3
Lodging	6,046.6	6,277.7	3.8
All other expenses 1/	601.7	595.9	-1.0
Supplemental business	108.0	122.1	13.1

1/ Includes cruise package and on-ship spending on U.S. Flagged Hawaii home-ported ships.

Note: Sums may not add up to total due to rounding errors.

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: 2013 AND 2014**

[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	
	2013	2014	2013	2014	2013	2014
All visitors	156.5	160.7	198.9	206.7	275.7	273.4
Group tour status 3/						
Organized group tour	205.1	212.2	271.0	260.5	284.7	286.5
Individually arranged	155.0	159.1	188.8	197.5	273.4	270.2
Arrived on package tour 3/						
Yes	192.1	190.6	244.7	246.2	307.8	300.1
No	146.8	151.9	174.1	185.0	193.8	198.9
Accommodations						
Hotel	207.7	210.4	246.0	254.6	301.0	295.4
Condo	153.2	157.1	174.0	184.4	181.4	181.1
Guests of friends and relatives	76.6	72.7	75.2	78.1	93.5	93.0
Timeshare	155.4	122.4	150.7	149.6	138.5	136.5
Previous visits 3/						
First trip	170.1	172.6	210.0	220.3	308.6	301.7
Repeat visitors	153.8	159.5	182.0	187.0	257.3	255.9
Purpose of trip						
Pleasure	158.0	162.8	194.0	199.5	253.7	248.0
Business, meetings, conventions, incentive	216.8	204.5	246.3	222.6	276.5	273.9
On honeymoon	241.5	221.4	276.4	309.4	381.8	368.9

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 2014**

[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

Continued on next page.

**Table 7.28-- ESTIMATED VISITOR EXPENDITURES:  
1961 TO 2014 -- 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	12,048	110
2012	14,250	115
2013	14,413	108
2014	14,821	122

NA Not available.

1/ By MCI (meetings, conventions, and incentive) visitors. Not available before 1985.

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 2014**

[Covers visitors staying overnight or longer anywhere in the state, and any overnight or non-overnight interisland trips reported by these visitors. In thousands of dollars]

Year	Total expenditures	Personal expenditures					Additional business (MCI) expenditures
		All countries 1/	United States	Japan	Canada	Other countries 1/	
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	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
2013	14,520,531	14,412,572	8,350,867	2,486,036	1,082,957	2,492,712	107,959
2014	14,943,147	14,821,001	8,728,210	2,396,642	1,076,916	2,619,232	122,146

1/ Includes cruise ship data.

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:  
2010 TO 2014**

<b>Subject</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Number of tours 1/	116	125	141	138	125
Number of passengers	225,616	246,236	286,530	291,078	247,815
Out of state visitors	223,693	244,081	283,109	287,424	243,390
Arrived by air	122,454	119,431	121,509	116,437	118,947
Arrived by ship	101,239	124,650	161,600	170,987	124,443
Hawaii residents	1,923	2,155	3,421	3,654	4,425

1/ A tour starts when a ship first calls a Hawaiian port or when all new passengers embark at a Hawaii port. One ship may make several tours around the Hawaiian Islands with a stop at Fanning Island or Christmas Island during the trip.

Source: Hawaii Tourism Authority, Tourism Research and records.

**Table 7.31-- ESTIMATED DIRECT VISITOR-RELATED EXPENDITURES:  
1997 TO 2014**

[In millions of dollars]

<b>Year</b>	<b>Total</b>	<b>Visitors</b>	<b>Overseas airlines</b>	<b>Cruise lines</b>
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	13,742.9	12,158.2	1,440.0	144.8
2012	16,109.2	14,364.8	1,566.0	178.4
2013	16,367.4	14,520.5	1,670.6	176.3
2014	16,816.8	14,943.1	1,726.8	146.9

Source: Hawaii State Department of Business, Economic Development & Tourism, records.

**Table 7.32-- ECONOMIC ACTIVITY GENERATED BY VISITOR-RELATED EXPENDITURES: 2002 TO 2014**

[Direct and indirect impact]

<b>Year</b>	<b>Visitor-related expenditures (million dollars)</b>	<b>Gross domestic product (million dollars)</b>	<b>Household income (million dollars)</b>	<b>State tax revenues (million dollars)</b>	<b>Jobs (1,000)</b>
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	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
2013	16,367.4	12,568.5	6,677.9	1,260.3	134.2
2014	16,816.8	12,913.5	6,861.2	1,294.9	133.5

Source: Hawaii State Department of Business, Economic Development & Tourism, records.

**Table 7.33-- WAIKIKI'S SHARE OF TOURISM: 2014**

Measure of tourism	Statewide visitor industry	Waikiki	
		Number	Percent of statewide tourism
Visitors	8,183,671	1/ 5,176,858	(2/)
Average daily visitor census	205,433	78,196	38.1
Visitors units	73,716	28,833	39.1
Occupied units (average)	56,761	24,652	43.4
Total visitor expenditures (\$millions) 3/	16,817	7,090	42.2

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: 2014**

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/ Civilian jobs 3/ State taxes (\$millions)	(X) 104,263 1,036	(X) 12.5 15.5	(X) 43,957 437	(X) 5.3 6.6
Direct and indirect impact 4/ Gross domestic product (\$millions) 4/ Civilian jobs 3/ State taxes (\$millions)	12,914 133,456 1,295	16.7 16.0 19.4	5,444 56,265 546	7.0 6.8 8.2

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 2014**

Year	Implicit price deflator 1/ 2/ (2009=100)	Average daily room rate 3/ (dollars)	1-way air fares (dollars)		Honolulu Consumer Price Index 6/ (1982-84=100)		
			San Francisco-Honolulu 4/	Honolulu-Kahului 5/	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	70.9	124.96	521.00	80.00	152.6	117.3	171.9
1998	72.7	129.66	521.00	88.00	153.3	112.2	171.5
1999	74.6	131.66	536.00	94.75	158.3	105.4	173.3
2000	77.2	140.63	576.00	94.50	160.0	103.5	176.3
2001	80.2	144.88	692.00	95.25	164.0	101.0	178.4
2002	82.3	140.89	692.00	99.00	166.0	102.6	180.3
2003	84.6	144.16	714.00	119.00	167.1	98.5	184.5
2004	87.3	152.17	714.00	139.60	171.0	101.2	190.6
2005	90.4	166.16	829.00	144.70	176.4	102.5	197.8
2006	93.6	187.19	(NA)	167.80	186.0	104.4	209.4
2007	96.7	199.96	(NA)	182.90	195.1	104.1	219.5
2008	98.5	201.85	(NA)	170.00	202.3	105.3	228.9
2009	100.0	177.10	(NA)	218.10	210.8	112.8	230.0
2010	101.2	174.84	(NA)	191.20	213.6	116.4	234.9
2011	103.1	189.83	(NA)	191.20	219.1	118.4	243.6
2012	105.3	204.93	(NA)	191.30	230.3	121.5	249.5
2013	107.3	2/ 229.90	(NA)	191.40	241.2	119.0	253.9
2014	109.7	242.63	(NA)	(NA)	247.7	111.1	257.6

NA Not available.

1/ U.S. Bureau of Economic Analysis, Gross Domestic Product by State to 1997 to 2014 <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed June 10, 2015; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

2/ Revised from previous *Data Book*.

3/ For 1980-1994 Pannell Kerr Forster, *Trends in the Hotel Industry, Hawaii* (monthly). For 1995-2014 Smith Travel Research, Hospitality Advisors LLC, *Hawaii Hotel Flash Report* (December/Year-End Highlights).

4/ 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).

5/ Regular fare, including taxes, as of July 1, by Hawaiian Airlines. From chronology in *Data Book* and Hawaiian Airlines, records.

6/ Honolulu CPI for All Urban Consumers, from U.S. Bureau of Labor Statistics <<http://data.bls.gov/cgi-bin/dsrv?cu>> accessed July 21, 2015.

Source: See above footnotes.

**Table 7.36-- RETURNING RESIDENTS AND AVERAGE NUMBER ABSENT,  
BY POINT OF ORIGIN: 1993 TO 2014**

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
2013	1,239,061	1,081,195	157,866	68,944	57,979	10,965
2014	1,233,208	1,132,625	100,583	65,524	59,012	6,512

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 or 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:  
2010 TO 2014**

[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]

<b>Mailing address</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Issued by Honolulu Office	64,876	56,474	61,859	62,304	62,999
Mailed to Hawaii addresses	43,699	39,280	43,047	43,778	44,304
Mailed outside the state	21,177	17,194	18,812	18,526	18,695

Source: U.S. Department of State, Honolulu Passport Agency, records.

**Table 7.41-- PERFORMING ARTS, FOR OAHU: 2013-2014 SEASON**

Name of organization and type of performance	Productions	Performances	Attendance
All reporting groups	77	908	367,956
Department of Enterprise Services, total	33	133	183,059
Dance	5	13	14,116
Classical concerts	16	24	30,816
Operas	2	8	9,854
Pop/rock shows	8	8	12,576
Stage shows	2	80	115,697
Brigham Young University	2	14	4,200
Diamond Head Theatre	6	93	42,176
Hawaii Pacific University (Theater)	2	38	2,250
Hawaii Pacific University (Music)	(NA)	25	10,000
Honolulu Theatre for Youth	7	421	96,499
Kennedy Theatre	19	67	12,903
Manoa Valley Theatre	8	117	16,869

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 2013-2014**

<b>Season</b>	<b>Average number of orchestra personnel</b>	<b>Number of performances</b>	<b>Total attendance</b>	<b>Operating expenses (dollars)</b>
<b>HONOLULU SYMPHONY ORCHESTRA</b>				
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
<b>HAWAII SYMPHONY ORCHESTRA</b>				
1994-1995 2/	62	115	120,000	4,700,000
<b>HONOLULU SYMPHONY ORCHESTRA</b>				
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
2009-2010 6/	80	8	12,758	2,125,968
2010-2011 7/	-	-	-	310,629
<b>HAWAII SYMPHONY ORCHESTRA</b>				
2011-2012 8/	80	21	20,652	2,434,179
2012-2013 9/	80	1	2,057	215,449
2013-2014	80	20	24,564	3,486,554

Continued on next page.

**Table 7.42-- SYMPHONY ORCHESTRA ACTIVITIES:  
1989-1990 TO 2013-2014 -- Con.**

- 1/ Concert season cancelled.
  - 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.
  - 6/ Cancelled season in October 2009. Filed Chapter 11 in December 2009.
  - 7/ Converted to Chapter 7 in December 2010.
  - 8/ First season in operation.
  - 9/ No season presented, except 4th of July concert.
- Source: Honolulu Symphony Society, records; Hawaii Symphony Orchestra, records.

**Table 7.43-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL ATTRACTIONS: 2012 TO 2014**

[Calendar year data unless otherwise specified]

Island and cultural attraction	2012	2013	2014
OAHU			
Atlantis Submarines	1/ 318,017	1/ 304,389	284,023
Atlantis Cruises	1/ 95,150	1/ 102,648	92,582
Battleship Missouri Memorial	1/ 541,120	1/ 601,291	561,634
Bernice P. Bishop Museum	325,000	257,000	240,000
Diamond Head State Monument 2/ 3/	816,000	920,000	892,400
Foster Botanical Garden	45,340	44,584	47,628
Harold L. Lyon Arboretum	38,864	40,260	42,108
Hawaii Maritime Center 2/	(4/)	(4/)	(4/)
Hawaii's Plantation Village	36,351	(NA)	(NA)
Hawaii State Art Museum 2/	35,913	31,932	28,343
Honolulu Museum of Art on Beretania 5/	230,372	(NA)	(NA)
Honolulu Museum of Art at First Hawaiian Center 5/	(NA)	48,930	(NA)
Honolulu Museum of Art at Spalding House 5/	21,767	23,450	(NA)
Honolulu Police Department Museum	1/ 1,107	1,059	(NA)
Honolulu Zoo	667,981	663,699	606,566
Ho'omaluhia Botanical Garden	168,657	175,168	167,843
Iolani Palace State Monument	115,573	110,987	110,987
Judiciary History Center	52,588	54,428	57,110
Mormon Temple Grounds (Church of Jesus Christ of Latter-Day Saints, Hawaii Temple Visitor's Center)	122,869	116,833	127,884
Polynesian Cultural Center	718,847	695,328	664,634
Puu O Mahuka Heiau State Monument 2/	(6/)	(6/)	(6/)
Queen Emma Summer Palace	21,172	17,900	(NA)
Royal Mausoleum State Monument 2/	(6/)	(6/)	(6/)
Sea Life Park Hawaii 7/	226,441	216,799	197,348
Tropic Lightning Museum, Schofield Barracks	11,408	(NA)	(NA)
Ulu Po Heiau State Monument 2/	(6/)	(6/)	(6/)
U.S. Army Museum, Ft. DeRussy	104,250	102,833	78,468
U.S.S. Arizona Memorial 8/	1,751,224	1,786,024	1,620,814
U.S.S. Bowfin Submarine Museum	361,766	(NA)	(NA)
University of Hawaii Art Gallery 9/	52,000	52,000	(NA)
Waikiki Aquarium 2/	333,607	322,975	299,943
HAWAII			
Amy B. H. Greenwell Ethnobotanical Garden	10/ 14,692	17,793	22,122
Astronaut Ellison S. Onizuka Space Center	14,968	15,879	14,256

Continued on next page.

**Table 7.43-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL  
ATTRACTIONS: 2012 TO 2014 -- Con.**

Island and cultural attraction	2012	2013	2014
HAWAII - con.			
H.N. Greenwell Store 10/	(NA)	1,735	1,784
Hawaii Tropical Botanical Garden	87,572	93,641	90,330
Hawaii Volcanoes National Park 8/ 11/	1,483,928	1,583,209	1,693,005
Hulihee Palace	26,132	(NA)	(NA)
Kaloko-Honokohau National Historical Park 8/	153,584	158,124	154,206
Kona Coffee Living History Farm	(NA)	5,446	6,511
Lyman House Memorial Museum	14,284	12,434	13,421
Nani Mau Gardens	(NA)	(NA)	(NA)
Pacific Tsunami Museum	18,363	17,415	17,786
Panaewa Rainforest Zoo and Gardens	213,537	1/ 244,533	199,801
Pu'uuhonua O Honaunau NHP 8/	442,353	363,282	401,808
Pu'ukohola Heiau National Historic Site 8/	134,403	125,645	134,734
Volcano Art Center 9/	135,000	100,000	(NA)
MAUI			
Alexander & Baldwin Sugar Museum	34,037	36,680	34,899
Aquarium Maui/Maui Ocean Center	306,346	312,577	284,514
Haleakala National Park 8/	1,094,668	785,300	1,142,040
Halekii-Pihana Heiaus State Monument 2/	(6/)	(6/)	(6/)
Hana Cultural Center	(NA)	(NA)	(NA)
Iao Valley State Monument 2/	(6/)	(6/)	(6/)
Kula Botanical Garden	32,100	34,275	(NA)
Lahaina Restoration Foundation	30,538	27,075	23,098
Baldwin Missionary Home Museum	16,919	14,463	13,390
Hale Pa'i Printing House	2,300	12,259	490
Wo Hing Temple Museum	11,319	353	9,218
Maui Historical Society Bailey House Museum	11,018	10,732	10,860
Whalers Village Museum	180,140	202,700	184,700
KAUAI			
Grove Farm Homestead	2,991	2,863	(NA)
Kauai Museum	(NA)	23,545	(NA)
Kilauea Point National Wildlife Refuge	404,412	(NA)	(NA)
Kokee Natural History Museum	94,856	95,544	95,413
Waioli Mission House	426	495	(NA)

Continued on next page.

**Table 7.43-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL  
ATTRACTIONS: 2012 TO 2014 -- Con.**

Island and cultural attraction	2012	2013	2014
MOLOKAI			
Kalaupapa National Historical Park 8/ Kalaupapa Settlement	58,875 8,778	101,112 (NA)	67,210 (NA)

NA Not available.

1/ Revised from previous *Data Book*.

2/ Fiscal year ending June 30.

3/ Diamond Head State Monument attendance does not reflect paying users since some park users currently drive into and out of Diamond Head Crater without stopping.

4/ The Bishop Museum will be temporarily ceasing public operations at its Hawai'i Maritime Center, effective May 1, 2009.

5/ The Contemporary Museum and Honolulu Academy of Arts merged in July 2011 and changed the name to Honolulu Museum of Art.

6/ Since 2007, no updates have been conducted.

7/ Fiscal year ending September 30.

8/ Data included in Data Book prior to 2003 may not be comparable to present figures, as present figures only include recreation visits.

9/ Data are estimates.

10/ Renamed from Greenwell Store Museum.

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 2014**

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
2013	369,202	357,871	11,331	4,902,696
2014	369,202	357,871	11,331	5,213,817
AREAS: 2014				
Hawaii Volcanoes National Park 1/	323,431	323,431	-	1,693,005
Haleakala National Park	33,264	33,264	-	1,142,040
Pu'uuhonua o Honaunau National Historical Park	420	419	1	401,808
Kaloko-Honokohau National Historical Park	1,163	616	547	154,206
Pu'ukohola Heiau National Historic Site	86	61	25	134,734
U.S.S. Arizona Memorial	59	57	2	1,620,814
Kalaupapa National Historical Park	10,779	23	10,756	67,210

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, for 2008 <<http://www2.nature.nps.gov/stats/>> accessed on July 9, 2009; for 2009 <<http://www.nature.nps.gov/stats/acreagemenu.cfm>> accessed on August 2, 2010, and records.

**Table 7.45-- STATE PARKS AND HISTORIC SITES: 1992 TO 2014**

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/)
2013	69	33,522	712.6	(2/)
2014	65	32,896	707.6	(2/)
ISLAND: 2013				
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: 2014				
Hawai'i	17	6,974.2	258.3	(2/)
Maui	9	326.5	37.9	(2/)
Moloka'i	1	233.7	10.0	(2/)
O'ahu	28	11,260.7	270.8	(2/)
Kaua'i	10	14,101.1	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: 2013 AND 2014**

[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	
2013			
Napali Coast State Wilderness Park	6,175.0	4.0	(1/)
Ahupuaa O Kahana State Park	5,256.5	26.0	(1/)
Kokee 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/)
2014			
Napali Coast State Wilderness Park	6,175.0	4.0	(1/)
Ahupuaa O Kahana State Park	5,228.7	26.0	(1/)
Kokee 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/	1,374.2	10.0	(1/)
Wailua River State Park	1,092.6	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]

<b>Island</b>	<b>Total sites</b>	<b>Listed Hawaii Register only</b>	<b>Listed National Register only</b>	<b>Listed both Hawaii and National Register</b>	<b>Eligible for National Register 1/</b>
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: 2009 TO 2014**

<b>Subject and Zoo</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Species 1/ 2/ Honolulu Zoo	3/ 209	3/ 207	3/ 204	3/ 204	3/ 208	205
Panaewa Rainforest Zoo and Gardens (Hilo)	97	98	92	93	93	87
Individuals 1/ 2/ Honolulu Zoo	3/ 869	3/ 808	3/ 852	3/ 857	3/ 886	890
Panaewa Rainforest Zoo and Gardens (Hilo)	202	194	195	201	192	180
Attendance Honolulu Zoo 4/ Panaewa Rainforest Zoo and Gardens (Hilo)	623,034	580,265	603,677	667,981	663,699	606,566
	182,285	172,737	172,677	213,537	244,533	220,323

1/ Animal and bird inventory, December 31.

2/ Species and individuals that are owned and on-site including in on loan.

3/ Revised from previous *Data Book*.

4/ 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: 2014**

[As of June 30. For annual attendance, see table 7.43]

Phylum or class	Sea Life Park		Waikiki Aquarium	
	Species	Individuals	Species	Individuals
Total	82	893	787	2,337
Fishes	50	636	306	735
Reptiles	1	22	-	-
Mammals	5	35	1	2
Invertebrates	19	163	480	1,600
Birds	7	37	-	-

Source: Sea Life Park, records; and Waikiki Aquarium, records.

**Table 7.50-- COUNTY PARKS, BY ISLAND: 2012 TO 2014**

[As of December 31]

Island	Number			Acreage		
	2012	2013	2014	2012	2013	2014
State total	625	707	708	9,162	10,466	10,641
Hawaii	127	206	206	1,740	2,869	2,869
Maui	124	125	127	1,683	1,861	2,049
Lanai	2	5	5	27	24	24
Molokai	13	13	12	91	92	79
Oahu	285	284	284	5,134	5,133	5,133
Kauai	74	74	74	487	487	487

Source: County parks and recreation departments.

**Table 7.51-- ATTENDANCE AND WATER SAFETY AT GUARDED BEACH PARKS, FOR THE CITY AND COUNTY OF HONOLULU: 2013**

Beach park	Estimated attendance 1/	Rescues	Drownings	Surfing accidents
All parks	17,737,954	2,795	5	450
Ala Moana	2,631,860	126	2	26
Alii/Haleiwa	325,429	58	-	29
Bellows	77,333	15	-	-
Chuns Reef	217,120	100	-	57
Ehukai	306,659	86	-	59
Hanauma	1,139,142	473	1	-
Kailua	430,824	13	-	-
Keauwaula	163,280	28	-	6
KeWaena	242,339	27	-	19
Kualoa	139,559	13	-	-
Laniakea	373,946	130	-	72
Mali	445,272	37	-	1
Makaha	470,155	50	-	11
Makapuu	119,321	256	-	3
Nanakuli	476,726	169	-	6
Pokai Bay	422,885	38	-	-
Sandy	328,147	406	-	4
Sunset	339,854	53	-	20
Waikiki	8,285,222	494	2	116
Waimanalo	238,667	42	-	2
Waimea	564,214	181	-	19

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**

<b>Subject</b>	<b>State total 1/</b>	<b>Hawaii</b>	<b>Maui</b>	<b>Lanai</b>	<b>Molokai</b>	<b>Oahu</b>	<b>Kauai</b>
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 2014**

[As of December 31]

Subject	State total	Hawaii	Maui	Lanai	Molokai	Oahu	Kauai
<b>Locations</b>							
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	91	19	13	2	1	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
2013	95	19	13	2	1	50	10
2014	95	19	13	2	1	50	10
<b>Courts</b>							
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	310	43	39	4	2	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
2013	326	42	47	4	2	207	24
2014	325	42	46	4	2	207	24

Source: County parks and recreation departments.

**Table 7.54-- GOLF COURSES, BY NUMBER OF HOLES, OWNERSHIP, AND ISLAND: 2015**

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 July 6, 2015, and calculations by Hawaii State Department of Business, Economic Development and Tourism.



**Table 7.55-- COUNTY GOLF COURSES AND CAMPING PERMITS,  
FOR OAHU: 1991 TO 2014**

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
2013	6	99	442,362	8,460
2014	6	99	416,356	8,599

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 2015**

[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
2014	72	263	17	5,600,000	1,008,000
2015	72	257	23	5,600,000	1,008,000

Source: *Honolulu Star-Bulletin, The Honolulu Advertiser, and The Honolulu Star-Advertiser*; <<http://espn.go.com/golf/leaderboard?tournamentId=2235>> accessed April 13, 2015.

**Table 7.57-- PUBLIC HUNTING AREAS AND WILDLIFE SANCTUARIES AND REFUGES, BY ISLAND: OCTOBER 30, 2014**

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: 2008 TO 2014**

[Fiscal years ending June 30]

Type of license	2008	2009	2010	2011	2012	2013	2014
Freshwater fishing	6,857	8,279	5,678	2,688	2,759	1,177	4,648
Hunting	7,803	9,653	10,427	10,535	10,738	9,476	10,673

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 2014**

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
2013	30,291	22,077	2:18:47	2:36:02
2014	30,434	21,827	2:15:35	2:30:23

Source: Honolulu Marathon Association, records; Honolulu Marathon Champions & Entrants/Finishers <<http://www.honolulumarathon.org/?s=stats>> and records.

**Table 7.61-- IRONMAN TRIATHLON WORLD CHAMPIONSHIP  
PARTICIPANTS, FINISHERS, AND WINNING TIMES: 1992 TO 2014**

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
2013	2,134	1,959	8:12:29	8:52:14
2014	2,187	1,985	8:14:18	9:00:55

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>>; 2010-2014 <<http://www.ironman.com/triathlon/events/americas/ironman/world-championship/results.aspx#axzz31osRdluC>> accessed on April 13, 2015.

**Table 7.62-- TRANSPACIFIC YACHT CLUB'S HONOLULU RACE ENTRIES  
AND WINNING TIMES: 1985 TO 2013**

[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	8:16:59:23	6:05:00:55
2013	58	12:05:23:18	5:12:20:55

Source: Transpac 2013website <<http://www.transpacrace.com>> accessed October 16, 2013.



**Table 7.63-- TOTAL ATTENDANCE AT FOOTBALL BOWL GAMES:  
2008-2009 TO 2014-2015 SEASONS**

<b>Bowl</b>	<b>2008- 2009</b>	<b>2009- 2010</b>	<b>2010- 2011</b>	<b>2011- 2012</b>	<b>2012- 2013</b>	<b>2013- 2014</b>	<b>2014- 2015</b>
Hawaii Bowl	43,487	20,217	41,089	19,411	19,712	22,324	25,365
Pro Bowl	49,958	1/ 70,697	2/ 49,338	48,423	47,134	47,270	3/ 63,225

1/ Held in Miami.

2/ Revised from previous *Data Book*.

3/ Held in Phoenix.

Source: *Honolulu Star-Advertiser*, *Honolulu Star-Bulletin*, *The Honolulu Advertiser*, *USA TODAY*, *Bleacher Report*, *ProBowl Results*, *ESPN*; and Sheraton Hawaii Bowl, records; <[http://www.nfl.com/liveupdate/gamecenter/56418/NYG\\_Gamebook.pdf](http://www.nfl.com/liveupdate/gamecenter/56418/NYG_Gamebook.pdf)> accessed April 14, 2015.

**Table 7.64-- VARSITY SPORTS SUMMARY FOR THE UNIVERSITY OF HAWAII AT MANOA: 2010-2011 TO 2013-2014**

[Includes only games played against four-year collegiate teams]

Sports	Games played 1/				Home games	
	Total	Won	Lost	Tied	Home dates	Attendance
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
2012-2013						
Baseball	51	16	35	-	29	97,355
Basketball (men's)	32	17	15	-	20	124,612
Basketball (women's)	29	17	12	-	19	28,780
Football	12	3	9	-	6	180,186
Volleyball (men's)	28	11	17	-	15	41,031
Volleyball (women's)	30	27	3	-	19	126,827
2013-2014						
Baseball	52	22	31	-	35	109,924
Basketball (men's)	31	20	11	-	19	121,915
Basketball (women's)	31	17	14	-	14	23,456
Football	12	1	11	-	6	185,931
Volleyball (men's)	27	15	12	-	15	44,342
Volleyball (women's)	30	25	5	-	19	144,235

1/ Volleyball data refer to matches.

Source: University of Hawaii, Office of Intercollegiate Athletics, Sports Media Relations, records.

See also <<http://www.ncaa.org/stats/>>.

**Table 7.65-- PUBLIC HIGH SCHOOL INTERSCHOLASTIC SPORTS:  
2007-2008 TO 2013-2014 SEASONS**

[Data are for Oahu only (OIA)]

<b>Sport</b>	<b>Players</b>	<b>Games 1/</b>	<b>Attendance</b>	<b>Expenditure 2/ (dollars)</b>
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
2012-2013				
Baseball	Boys	(NA)	(NA)	39,623
Basketball	Boys and girls	548	26,478	115,903
Football	Boys	185	119,320	3/ 208,820
2013-2014				
Baseball	Boys	(NA)	(NA)	34,325
Basketball	Boys and girls	526	27,663	117,430
Football	Boys	192	116,662	220,279

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.

3/ Revised from previous *Data Book*.

Source: Hawaii State Department of Education, Office of Curriculum, Instruction and Student Support, records.

**Table 7.66-- PROFESSIONAL BOXING  
AND MIXED MARTIAL ARTS: 1993 TO 2014**

<b>Subject</b>	<b>Number of promoters</b>	<b>Number of shows</b>	<b>Paid attendance</b>	<b>Gross receipts (dollars)</b>
Pro Boxing				
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	-	-	-	-
2013	-	-	-	-
2014	-	-	-	-
MMA				
2009	1	1	(NA)	(NA)
2010	7	17	(NA)	(NA)
2011	8	27	(NA)	(NA)
2012	9	24	(NA)	(NA)
2013	8	26	(NA)	(NA)
2014	8	23	(NA)	(NA)

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 2014**

[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
2013	39,227	2,167	3/ 3,978	54	26	32,970	4/ 3,709
2014	(NA)	6,504	3/ 4,034	(NA)	(NA)	(NA)	(NA)

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.

4/ Figure includes only issued by Kauai County. As of October 1, 2013, the Kauai Humane Society began issuing dog tags.

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**

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

Narrative

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<a href="#">08.15</a>	Legislative Bills and Resolutions, by Disposition: 2013 and 2014
<a href="#">08.16</a>	Legislative Bills and Resolutions, by Disposition: 2015

**Table 8.01-- POPULATION OF VOTING AGE, REGISTERED VOTERS, AND  
VOTES CAST IN GENERAL ELECTIONS: 2006 TO 2014**

Subject	2006	2008	2010	2012	2014 1/
Persons of voting age (1,000) 2/	975	1,004	977	1,083	1,111
Registered voters (1,000)	663	691	691	706	707
Percent	68.0	68.8	70.7	65.2	63.6
Votes cast (1,000)	349	456	385	437	370
Percent	52.7	66.0	55.8	61.9	52.3

1/ Used 2014 Census Bureau Annual Estimates of the resident population for selected age groups.

2/ 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>>

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, 2014 - Hawaii (PEPAGESEX) (June 2015)*

<[http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=453438084944](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=453438084944)> accessed July 10, 2015.

State of Hawaii, Office of Elections, records.



**Table 8.02-- REGISTERED VOTERS AND VOTES CAST IN PRIMARY AND  
GENERAL ELECTIONS, BY COUNTY: 2014**

Election and county	Registered voters			Votes cast	
	Both sexes	Male	Female	Number	Percent of reg. voters
PRIMARY ELECTION August 9, 2014					
State Total	697,033	332,447	364,586	1/ 289,429	41.5
Hawaii	103,734	49,324	54,410	38,936	37.5
Maui	85,581	40,764	44,817	28,337	33.1
Honolulu	466,553	222,550	244,033	202,728	43.5
Kauai	41,165	19,809	21,356	19,366	47.0
GENERAL ELECTION November 4, 2014					
State Total	706,890	337,293	369,597	2/ 369,703	52.3
Hawaii	105,138	50,013	55,125	50,158	47.7
Maui	87,327	41,591	45,736	46,005	52.7
Honolulu	472,556	225,527	247,029	249,436	52.8
Kauai	41,869	20,162	21,707	24,043	57.4

1/ Includes 31 overseas ballots.

2/ Includes 61 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 2014**

Type and date of election	Registered voters			Votes cast	
	Both sexes	Male	Female	Number	Percent of reg. voters
<b>PRIMARY ELECTIONS</b>					
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
2014: Aug. 9	697,033	332,447	364,586	289,398	41.5
<b>GENERAL ELECTIONS</b>					
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
2014: Nov. 4	706,890	337,293	369,597	369,642	52.3

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 09, 2014**

Office, party, and candidate	Votes 1/	Office, party, and candidate	Votes 1/
U.S. SENATOR		U.S. HOUSE, DISTRICT 2	
Democrat		Democrat	
Schatz, Brian	115,445	Gabbard, Tulsi	92,032
Hanabusa, Colleen Wakako	113,663		
Evans, Brian	4,842	U.S. HOUSE, DISTRICT 2 CONTINUED	
Republican		Republican	
Cavasso, Cam	25,874	Crowley, Kawika	9,094
Roco, John P.	4,425	Capelouto, Marissa D.	6,926
Friel, Harry J., Jr.	3,477		
Pirkowski, Eddie	2,033	Liberatarian	
Nonpartisan		Kent, Joe	373
Allison, Joy	388		
Reyes, Arturo Pacheco	184	GOVERNOR	
Libertarian		Democrat	
Kokoski, Michael	568	Ige, David Yutaka	157,050
		Abercrombie, Neil	73,507
U.S. HOUSE, DISTRICT 1		Tanabe, Van K. (Tanaban)	2,622
Democrat		Republican	
Takai, Mark	52,736	Aiona, Duke	41,832
Kim, Donna Mercado	33,678	Gregory, Stuart Todd	640
Chang, Stanley	12,135	Collins, Charles (Trump)	580
Anderson, Ikaika	7,937		
Espero, Will	4,555	Nonpartisan	
Manahan, Joey	4,495	Davis, Misty	201
Xian, Kathryn	3,039	Morse, Richard	98
Republican		Dejean Caldwell, Khis	85
Djou, Charles K.	20,802	Spatola, Joseph R.	40
Levene, Allan	777	Libertarian	
Nonpartisan		Davis, Jeff	587
Meyer, Robert H.	99	Independent	
Griffin, Calvin (G)	94	Hannemann, Mufi	2,103

Continued on next page.

**Table 8.04-- VOTES CAST FOR CANDIDATES FOR MAJOR OFFICES:  
PRIMARY ELECTION, AUGUST 09, 2014 -- Con.**

Office, party, and candidate	Votes 1/	Office, party, and candidate	Votes 1/
LIEUTENANT GOVERNOR		MAYOR, COUNTY OF MAUI	
Democrat		Arakawa, Alan M.	17,980
Tsutsui, Shan S.	120,779	Paltin, Tamara (Tam)	3,405
Hee, Clayton	81,255	Kay, Alana	1,398
Zanakis, Mary	18,174	Waikiki, Nelson Nahinu Jr.	818
Shiratori, Miles	2,593	Mamuad, Neldon E. (AZD)	724
Puletasi, Sam	2,126	Kopelman, Orion (Ori)	709
Republican		Hawkes, Beau E.	380
Ahu, Elwin P.	27,678	MAYOR, COUNTY OF KAUAI	
Sutton, Warner Kimo	11,511	Carvalho, Bernard P., Jr.	11,151
Libertarian		Barca, Dustin	5,957
Marlin, Cynthia (Lahi)	555	Desilva Carveiro, Debralynn	570
Independent		Lake, C. Hendrix	208
Chang, Les	1,370		

1/ Excludes blank and overvotes.

Source: State of Hawaii, Office of Elections, records and <<http://hawaii.gov/elections/results>> accessed June 30, 2015.

**Table 8.05-- VOTES CAST BY PARTY BALLOT IN PRIMARY ELECTIONS:  
1988 TO 2014**

<b>Year</b>	<b>Total party ballots cast</b>	<b>Democratic</b>	<b>Republican</b>	<b>Other parties 1/</b>	<b>Nonpartisan</b>	<b>Invalid, blank, multiparty</b>
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
2014	289,398	237,915	44,142	5,955	1,115	271

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 09, 2014**

<b>Party</b>	<b>State total</b>	<b>County of Hawaii</b>	<b>County of Maui</b>	<b>City and County of Honolulu</b>	<b>County of Kauai</b>
Total votes cast 1/	286,724	38,651	27,634	201,263	19,176
Libertarian	710	172	111	351	76
Green	199	37	22	98	42
Democratic	237,915	33,377	23,498	164,815	16,225
Nonpartisan	1,115	178	217	536	184
Republican	44,142	4,479	3,399	33,885	2,379
Independent	2,372	356	353	1,415	248
Invalid, blank, multiparty	271	52	34	163	22

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 4, 2014**

<b>Island</b>	<b>Number of precincts</b>	<b>Registered voters</b>	<b>Votes cast 1/</b>	<b>Percent voting</b>
State total	232	706,890	180,535	25.5
Hawaii	41	105,138	22,819	21.7
Maui	29	81,345	22,890	28.1
Lanai	1	1,740	533	30.6
Molokai: Molokai District	4	4,200	1,155	27.5
Kalawao District (Kalaupapa)	1	42	-	0.0
Oahu 2/	142	472,556	121,581	25.7
Kauai	15	41,774	11,557	27.7
Niihau	1	95	-	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 4, 2014**

<b>Age</b>	<b>Both sexes</b>	<b>Male</b>	<b>Female</b>
All ages (except 16 or 17 years)	706,890	337,293	369,597
16 or 17 years 1/	1,111	536	575
18 or 19 years	8,656	4,013	4,643
20 to 29 years	90,661	42,085	48,576
30 to 39 years	111,259	53,394	57,865
40 to 49 years	113,322	55,573	57,749
50 to 64 years	205,513	99,857	105,656
65 years and over	177,479	82,371	95,108

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 2014**

Office and election year	Total votes cast 1/	Democrat		Republican		Other parties: votes
		Candidate	Votes	Candidate	Votes	
<b>PRESIDENT</b>						
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
<b>U.S. SENATOR</b>						
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	-
2014	353,774	Schatz, B. 3/	246,827	Cavasso, C.	98,006	8,941
<b>U.S. REPRESENTATIVE, DISTRICT 1</b>						
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	-
2014	179,844	Takai, M.	93,390	Djou, C.	86,454	-

Continued on next page.

**Table 8.09-- VOTES CAST FOR MAJOR OFFICES: GENERAL ELECTIONS,  
1988 TO 2014 -- Con.**

Office and election year	Total votes cast 1/	Democrat		Republican		Other parties: votes
		Candidate	Votes	Candidate	Votes	
<b>U.S. REPRESENTATIVE, DISTRICT 2</b>						
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. 4/	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	-
2014	180,333	Gabbard, T.	142,010	Crowley, K.	33,630	4,693
<b>GOVERNOR</b>						
1990	340,132	Waihee, J.	203,491	Hemmings, F.	131,310	5,331
1994	369,013	Cayetano, B.	134,978	Saiki, P.	107,908	5/ 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
2014	366,210	Ige, D.	181,106	Aiona, D.	135,775	49,329

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 D. Inouye's death on December 17, 2012, a special election was held August 9, 2014 to fill his existing term, B. Shatz (D) won with 246,827 votes.

4/ 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.

5/ 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 July 14, 2015.

**Table 8.10-- VOTES CAST FOR THE OFFICE OF MAYOR:  
GENERAL ELECTIONS, 1994 TO 2014**

Election year	Total votes cast 1/	Top candidates				Other candidates: votes
		Winner		Runner-up		
		Candidate 2/	Votes	Candidate 2/	Votes	
<b>CITY &amp; COUNTY OF HONOLULU</b>						
1994 3/	254,780	Harris, J.	146,034	Morgado, A.	108,746	-
1996 4/						
2000 5/	294,544	Hannemann, M.	147,949	Bainum, D.	146,595	-
2004 4/						
2008 4/	298,795	Hannemann, M.	172,997	Kobayashi, A.	125,798	-
2010 6/	292,454	Caldwell, K.	157,714	Cayetano, B.	134,740	-
2012 4/						
<b>COUNTY OF HAWAII</b>						
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/	64,878	Kenoï, B.	37,368	Pilago, K. A.	27,510	-
2008 4/						
2012 4/	62,174	Kenoï, B.	31,806	Kim, H.	30,368	-
<b>COUNTY OF MAUI</b>						
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	-
2014 4/	43,597	Arakawa, A.	25,435	Paltin, T.	18,162	-

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**Table 8.10-- VOTES CAST FOR THE OFFICE OF MAYOR:  
GENERAL ELECTIONS, 1994 TO 2014 -- Con.**

Election year	Total votes cast 1/	Top candidates				Other candidates: votes
		Winner		Runner-up		
		Candidate 2/	Votes	Candidate 2/	Votes	
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	-
2014 4/	22,883	Carvalho, B.	14,688	Barca, D.	8,195	-

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 July 14, 2015.

**Table 8.11-- VOTES CAST FOR MAJOR OFFICES, BY COUNTY:  
GENERAL ELECTION, NOVEMBER 4, 2014**

[Excludes blank and overvotes]

Office, candidate and party 1/	County of Hawaii	County of Maui	City and County of Honolulu	County of Kauai
U.S. SENATOR				
Schatz, Brian (D)	35,509	31,668	163,411	16,189
Cavasso, Cam (R)	11,093	10,165	71,487	5,250
Kokoski, Michael (L)	1,881	1,634	4,889	537
U.S. HOUSE, DISTRICT 1				
Takai, Mark (D)	(X)	(X)	93,361	(X)
Djou, Charles (R)	(X)	(X)	86,444	(X)
U.S. HOUSE, DISTRICT 2				
Gabbard, Tulsi (D)	38,874	35,487	49,141	18,490
Crowley, Kawika (R)	8,387	6,974	14,667	3,599
Kent, Joe (L)	1,571	1,406	1,344	371
GOVERNOR				
Ige, David (D)	25,674	23,669	119,312	12,451
Aiona, Duke (R)	15,387	12,614	100,279	7,495
Hannemann, Mufi (I)	7,308	7,641	25,085	2,900
Davis, Jeff (L)	1,443	1,073	3,296	583

X Not applicable.

1/ D, Democrat; I, Independent; L, Libertarian; and R, Republican.

Source: State of Hawaii, Office of Elections, records and <<http://hawaii.gov/elections/results>> accessed July 14, 2015.

**Table 8.12-- NEIGHBORHOOD BOARD ELECTIONS, FOR OAHU:  
1989 TO 2013**

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
2013	33	33	439	177,882	15,318

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, 2011 and 2013 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 2015**

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	-
2014	51	44	7	-	25	24	1	-
2015	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 July 14, 2015.

**Table 8.14-- LENGTH OF LEGISLATIVE SESSIONS: 1992 TO 2015**

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	20/ Aug. 5	21/ 18
2014	Jan. 15	107	Oct. 22	2
2015	Jan. 21	107	(NA)	(NA)

Continued on next page.



## Table 8.14-- LENGTH OF LEGISLATIVE SESSIONS: 1992 TO 2015 -- 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).

20/ The Second Special Session of 2013 convened on October 28.

21/ Combined length for the First Special Session (2 days) and Second Special Session (16 days).

Source: Legislative Reference Bureau, records.

**Table 8.15-- LEGISLATIVE BILLS AND RESOLUTIONS, BY DISPOSITION:  
2013 AND 2014**

Action	Session				
	2013			2014	
	Regular	Special	2nd Special	Regular	Special
House bills					
Carried over from previous year	-	-	-	1,361	-
Introduced	1,484	-	12	1,185	-
Passed 1/	123	-	3	129	-
Vetoed	3	-	-	4	-
Became law 2/	120	-	3	124	
Senate bills					
Carried over from previous year	-	-	-	1,218	-
Introduced	1,388	-	1	1,127	-
Passed 3/	170	-	1	116	-
Vetoed	1	-	-	4	-
Became law 4/	168	-	1	111	-
House resolutions					
Offered	219	-	10	220	-
Adopted	96	-	4	93	-
House concurrent resolutions					
Offered	241	-	-	247	-
Adopted	44	-	-	32	-
Senate resolutions					
Offered	154	1	3	88	1
Adopted	76	1	3	25	1
Senate concurrent resolutions					
Offered	202	-	-	149	-
Adopted	45	-	-	38	-

Continued on next page.

**Table 8.15-- LEGISLATIVE BILLS AND RESOLUTIONS, BY DISPOSITION:  
2013 AND 2014 -- Con.**

1/ The 2014 total includes H.B. 420 and H.B. 748 which propose constitutional amendments.

2/ The 2013 total includes the H.B. 424, H.B. 1059, and H.B. 1130 which became law without the Governor's signature. The 2014 total includes H.B. 1830, H.B. 1977, and H.B. 2496 which became law without the Governor's signature. The 2014 total also includes H.B. 1700 which contains vetoed items.

3/ The 2013 total includes S.B. 886 and S.B. 1084 which propose constitutional amendments. The 2014 total includes S.B. 2876 which propose a constitutional amendment.

4/ 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. The 2014 total includes S.B. 2288, S.B. 2365, S.B. 2470, S.B. 2483, S.B. 2682, and S.B. 2821 which became law without the Governor's signature.

Source: Legislative Reference Bureau, records.

**Table 8.16-- LEGISLATIVE BILLS AND RESOLUTIONS, BY DISPOSITION:  
2015**

Action	Session	
	Regular	Special
House bills		
Carried over from previous year	-	(NA)
Introduced	1,515	(NA)
Passed	117	(NA)
Vetoed	2	(NA)
Became law 1/	115	(NA)
Senate bills		
Carried over from previous year	-	(NA)
Introduced	1,379	(NA)
Passed 2/	135	(NA)
Vetoed	6	(NA)
Became law 3/	128	(NA)
House resolutions		
Offered	185	(NA)
Adopted	78	(NA)
House concurrent resolutions		
Offered	229	(NA)
Adopted	34	(NA)
Senate resolutions		
Offered	138	(NA)
Adopted	51	(NA)
Senate concurrent resolutions		
Offered	201	(NA)
Adopted	27	(NA)

NA Not available.

1/ The 2015 total includes H.B. 541 which became law without the Governor's signature.

2/ The 2015 total includes S.B. 143 which proposes a constitutional amendment.

3/ The 2015 total also includes S.B. 118, S.B. 1092, and S.B. 1297 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 2014**

[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/	13,316,025	6,747,592	6,568,433	4,712,651	1,855,782
2010 2/ 3/	13,037,803	6,280,828	6,756,975	4,837,862	1,919,113
2011 2/ 3/	12,879,583	6,127,725	6,751,858	4,857,729	1,894,129
2012 2/	13,922,405	6,511,578	7,410,827	5,516,146	1,894,681
2013 2/	(NA)	7,139,728	(NA)	6,092,893	(NA)
2014 2/	(NA)	7,722,840	(NA)	6,033,331	(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', 'Total state and counties', 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 2014 <<http://www.irs.gov/uac/SOI-Tax-Stats-IRS-Data-Book>> accessed April 7, 2015; U.S. Census Bureau, "State & Local Summary Tables by Level of Government - Hawaii" (annual from 2004) <<http://www.census.gov/govs/index.html>> accessed July 27, 2015; Ibid. "Annual Survey of State Government Tax Collections" (annual) <<http://www.census.gov/govs/statetax/>> accessed April 15, 2015; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.02-- FEDERAL TAX COLLECTIONS, BY SOURCE: 2010 to 2014**

[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] 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]

Source	2010	2011	2012	2013	2014
Federal collections	6,280,828	6,127,725	6,511,578	7,139,728	7,722,840
Corporate income 1/	494,126	365,380	398,720	383,103	376,857
Individual income and employment	5,585,801	5,610,788	5,922,132	6,528,499	7,090,806
Income tax not withheld & SECA 2/	1,178,488	1,240,301	1,277,012	1,491,985	1,659,610
Estate and trust income tax	30,680	45,639	38,631	55,782	94,686
Income tax withheld & FICA 3/	4,357,286	4,305,223	4,589,302	4,964,710	5,320,158
Railroad retirement	-	-	-	-	-
Unemployment insurance	19,347	19,625	17,187	16,021	16,352
Estate	71,251	16,004	29,547	41,803	31,992
Gift	10,321	5,159	9,057	22,571	1,636
Excise 4/	119,330	130,395	152,122	163,752	221,549

1/ Includes taxes on corporation income and unrelated business income from tax-exempt organizations.

2/ SECA Self-Employment Insurance Contributions Act, includes Old-Age, Survivors, Disability, and Hospital Insurance taxes on self-employment income. Also includes estate and trust income tax collections through 2008 but which is shown separately beginning in 2009.

3/ FICA Federal Insurance Contributions Act, includes Old-Age, Survivors, Disability, and Hospital Insurance taxes on wages and salaries.

4/ 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 April 7, 2015.

**Table 9.03-- STATE AND LOCAL GOVERNMENT REVENUES: 1992 TO 2013**

[Data rounded to thousands of dollars. For fiscal year ending June 30. Duplicative intergovernmental transactions are excluded]

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 2/	13,592,500	11,100,927	2,649,538
2008 2/	11,968,775	9,298,617	2,909,935
2009 3/	9,920,831	6,945,777	3,250,884
2010 3/	14,665,662	11,609,211	3,285,202
2011 3/	15,945,159	12,807,096	3,382,139
2012	13,750,025	10,600,634	3,389,082
2013	(NA)	12,944,952	(NA)

NA Not available.

1/ There are no state-by-state statistics available.

2/ The 'State Government Finances' as a unique series had been revised for 2007 to 2011 (January 23, 2014) but not as a component of 'State and local'. Revisions for State for 2007 only were released on December 16, 2014 and are reflected here. The FY 2008 data are as of September 20, 2012.

3/ Revised from previous *Data Book*.

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 22, 2015; and "State Government Finances: 2013" <<http://factfinder2.census.gov/bkmk/table/1.0/en/SGF/2012/SGF001>> accessed July 23, 2015.

**Table 9.04-- STATE GOVERNMENT TAX COLLECTIONS: 2010 TO 2014**

[Data rounded to thousands of dollars. For fiscal year ending June 30. The Census Bureau revised 2012 and 2013 on April 16, 2015 but Hawaii data were not affected]

Source	2010	2011	2012	2013	2014
Total taxes	4,837,862	4,857,729	5,516,146	6,092,893	6,033,331
Sales and gross receipts	3,044,380	3,335,562	3,581,652	3,932,220	3,847,662
General sales & gross receipts	2,316,434	2,495,807	2,697,951	2,944,487	2,825,041
Selective sales taxes	727,946	839,755	883,701	987,733	1,022,621
Alcoholic beverages	44,074	48,054	48,854	48,962	48,305
Insurance premiums	108,646	143,455	122,401	136,542	142,051
Motor fuels	86,370	95,310	93,349	92,516	93,598
Public utilities	157,661	117,940	150,528	163,930	166,179
Tobacco products	105,523	125,797	121,971	112,104	107,685
Other selective sales	225,672	309,199	346,598	433,679	464,803
Licenses	145,952	151,525	258,795	230,189	223,543
Corporation	1,461	1,479	1,539	1,606	1,691
Hunting & fishing	378	432	465	488	536
Motor vehicle	100,575	104,923	206,164	175,341	168,980
Motor vehicle operators	241	349	487	389	360
Public utility	20,325	15,785	17,810	20,111	21,183
Occupation & business, NEC	21,682	27,386	31,168	30,866	29,480
Other licenses	1,290	1,171	1,162	1,388	1,313
Income taxes	1,607,643	1,315,150	1,621,002	1,859,379	1,871,506
Individual income	1,527,790	1,247,291	1,540,746	1,735,718	1,745,461
Corporation net income	79,853	67,859	80,256	123,661	126,045
Other taxes	39,887	55,492	54,697	71,105	90,620
Death and gift	-	6,899	14,125	14,886	14,789
Documentary & stock transfer	39,887	48,593	40,572	56,219	75,831

Source: U.S. Census Bureau, "Annual Survey of State Government Tax Collections" (annual)  
 <<http://www.census.gov/govs/statetax/>> accessed April 16, 2015.

**Table 9.05-- 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. United States tax data revised, and United States and Hawaii per capita revised]

Item	United States		Hawaii	
	Amount	Per capita 1/	Amount	Per capita 1/
Total taxes	796,917,528	2,537.05	5,516,146	3,960.57
Property taxes	13,107,189	41.73	(X)	(X)
Sales and gross receipts	381,556,649	1,214.71	3,581,652	2,571.61
General sales and gross receipts	249,155,625	793.21	2,697,951	1,937.12
Selective sales taxes	132,401,024	421.51	883,701	634.49
Alcoholic beverages	5,971,042	19.01	48,854	35.08
Amusements	6,760,869	21.52	(X)	(X)
Insurance premiums	16,640,811	52.98	122,401	87.88
Motor fuels	40,111,264	127.70	93,349	67.02
Pari-mutuels	135,999	0.43	(X)	(X)
Public utilities	14,700,220	46.80	150,528	108.08
Tobacco products	17,194,967	54.74	121,971	87.57
Other selective sales	30,885,852	98.33	346,598	248.86
Licenses	50,111,478	159.53	258,795	185.81
Alcoholic beverages	459,139	1.46	(X)	(X)
Amusements	641,435	2.04	(X)	(X)
Corporation	6,767,022	21.54	1,539	1.10
Hunting and fishing	1,484,299	4.73	465	0.33
Motor vehicle	22,859,694	72.78	206,164	148.02
Motor vehicle operators	2,599,409	8.28	487	0.35
Public utility	802,326	2.55	17,810	12.79
Occupation and business, NEC	13,450,764	42.82	31,168	22.38
Other licenses	1,047,390	3.33	1,162	0.83
Income taxes	322,306,097	1,026.09	1,621,002	1,163.87
Individual income	280,589,983	893.28	1,540,746	1,106.25
Corporation net income	41,716,114	132.81	80,256	57.62
Other taxes	29,836,115	94.99	54,697	39.27
Death and gift	4,499,843	14.33	14,125	10.14
Documentary and stock transfer	5,158,015	16.42	40,572	29.13
Severance	17,606,979	56.05	(X)	(X)
Taxes, NEC	2,571,278	8.19	(X)	(X)

X Not applicable.

1/ Based on July 1, 2012 population for the United States of 314,112,078 and for Hawaii 1,392,766. As released December 2014 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, 2014 (NST-EST2014-01) <<http://www.census.gov/popest/data/state/totals/2014/tables/NST-EST2014-01.xls>> accessed April 16, 2015.

Source: U.S. Census Bureau, "State Government Tax Collections: 2012" (revised April 16, 2015) <<http://factfinder2.census.gov/bkmk/table/1.0/en/STC/2012/STC001>> accessed April 16, 2015 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.06-- STATE GOVERNMENT TAX COLLECTIONS FOR THE  
UNITED STATES AND HAWAII: 2013**

[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 capita in dollars. United States and Hawaii per capita revised]

Item	United States		Hawaii	
	Amount	Per capita 1/	Amount	Per capita 1/
Total taxes 2/	847,096,988	2,676.47	6,092,893	4,324.31
Property taxes 2/	13,239,497	41.83	(X)	(X)
Sales and gross receipts 2/	397,727,292	1,256.65	3,932,220	2,790.81
General sales and gross receipts	258,921,934	818.09	2,944,487	2,089.79
Selective sales taxes	138,805,358	438.57	987,733	701.02
Alcoholic beverages	6,062,487	19.15	48,962	34.75
Amusements	6,879,335	21.74	(X)	(X)
Insurance premiums	17,354,503	54.83	136,542	96.91
Motor fuels	40,143,269	126.84	92,516	65.66
Pari-mutuels	129,728	0.41	(X)	(X)
Public utilities	14,496,525	45.80	163,930	116.35
Tobacco products	17,091,905	54.00	112,104	79.56
Other selective sales	36,647,606	115.79	433,679	307.79
Licenses	51,009,480	161.17	230,189	163.37
Alcoholic beverages	690,869	2.18	(X)	(X)
Amusements	606,412	1.92	(X)	(X)
Corporation	6,698,624	21.16	1,606	1.14
Hunting and fishing	1,561,225	4.93	488	0.35
Motor vehicle	23,223,659	73.38	175,341	124.44
Motor vehicle operators	2,558,587	8.08	389	0.28
Public utility	941,696	2.98	20,111	14.27
Occupation and business, NEC	13,548,925	42.81	30,866	21.91
Other licenses	1,179,483	3.73	1,388	0.99
Income taxes	354,613,207	1,120.43	1,859,379	1,319.66
Individual income	309,736,583	978.64	1,735,718	1,231.89
Corporation net income	44,876,624	141.79	123,661	87.77
Other taxes	30,507,512	96.39	71,105	50.47
Death and gift	4,882,857	15.43	14,886	10.57
Documentary and stock transfer	6,344,716	20.05	56,219	39.90
Severance	16,774,360	53.00	(X)	(X)
Taxes, NEC	2,505,579	7.92	-	-

X Not applicable.

1/ Based on July 1, 2013 population for the United States of 316,497,531 and for Hawaii 1,408,987. As released December 2014 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, 2014 (NST-EST2014-01) <<http://www.census.gov/popest/data/state/totals/2014/tables/NST-EST2014-01.xls>> accessed April 16, 2015.

2/ United States 'Amount' revised from previous *Data Book*, Hawaii 'Amount' not affected.

Source: U.S. Census Bureau, "State Government Tax Collections: 2013" (April 8, 2014) <<http://factfinder2.census.gov/bkmk/table/1.0/en/STC/2013/STC003>> accessed July 9, 2014 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.07-- STATE GOVERNMENT TAX COLLECTIONS FOR THE  
UNITED STATES AND HAWAII: 2014**

[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	865,752,089	2,715.17	6,033,331	4,250.14
Property taxes	14,232,835	44.64	(X)	(X)
Sales and gross receipts	411,414,175	1,290.28	3,847,662	2,710.46
General sales and gross receipts	271,286,848	850.81	2,825,041	1,990.08
Selective sales taxes	140,127,327	439.47	1,022,621	720.38
Alcoholic beverages	6,154,774	19.30	48,305	34.03
Amusements	7,235,121	22.69	-	-
Insurance premiums	18,094,904	56.75	142,051	100.07
Motor fuels	41,499,698	130.15	93,598	65.93
Pari-mutuels	124,177	0.39	-	-
Public utilities	14,153,774	44.39	166,179	117.06
Tobacco products	16,912,535	53.04	107,685	75.86
Other selective sales	35,952,344	112.75	464,803	327.43
Licenses	51,120,024	160.32	223,543	157.47
Alcoholic beverages	605,542	1.90	-	-
Amusements	472,331	1.48	-	-
Corporation	6,195,396	19.43	1,691	1.19
Hunting and fishing	1,537,007	4.82	536	0.38
Motor vehicle	23,811,206	74.68	168,980	119.04
Motor vehicle operators	2,506,319	7.86	360	0.25
Public utility	947,725	2.97	21,183	14.92
Occupation and business, NEC	13,810,544	43.31	29,480	20.77
Other licenses	1,233,954	3.87	1,313	0.92
Income taxes	357,104,785	1,119.95	1,871,506	1,318.37
Individual income	310,828,815	974.82	1,745,461	1,229.58
Corporation net income	46,275,970	145.13	126,045	88.79
Other taxes	31,880,270	99.98	90,620	63.84
Death and gift	4,747,791	14.89	14,789	10.42
Documentary and stock transfer	6,823,581	21.40	75,831	53.42
Severance	17,780,808	55.76	(X)	(X)
Taxes, NEC	2,528,090	7.93	-	-

X Not applicable.

1/ Based on July 1, 2014 population for the United States of 318,857,056 and for Hawaii 1,419,561. As released December 2014 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, 2014 (NST-EST2014-01) <<http://www.census.gov/popest/data/state/totals/2014/tables/NST-EST2014-01.xls>> accessed April 16, 2015.

Source: U.S. Census Bureau, "State Government Tax Collections: 2014" (April 16, 2015) <<http://factfinder.census.gov/bkmk/table/1.0/en/STC/2014/STC005>> accessed April 16, 2015 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: 2010 TO 2013**

[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
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
2012							
25,000	4,232	16.9	1	3,245	13.0	3,180	12.7
50,000	3,298	6.6	46	4,706	9.4	4,887	9.8
75,000	5,615	7.5	44	7,893	10.5	7,963	10.6
100,000	7,670	7.7	44	10,666	10.7	10,592	10.6
150,000	11,840	7.9	43	16,595	11.1	16,410	10.9
2013							
25,000	4,111	16.4	2	2,552	10.2	2,512	10.0
50,000	2,931	5.9	46	4,331	8.7	4,669	9.3
75,000	5,445	7.3	43	7,298	9.7	7,719	10.3
100,000	7,766	7.8	41	10,095	10.1	10,489	10.5
150,000	12,032	8.0	40	15,520	10.3	16,083	10.7

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 February 2, 2015.



**Table 9.09-- TAX FREEDOM DAY FOR THE UNITED STATES, EACH OF THE 50 STATES AND THE DISTRICT OF COLUMBIA: 2015**

[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 24	(X)			
Alabama	April 9	5	Nebraska	April 17	21
Alaska	April 15	16	Nevada	April 20	26
Arizona	April 15	17	New Hampshire	April 23	35
Arkansas	April 14	13	New Jersey	May 13	49
California	May 3	47	New Mexico	April 11	7
Colorado	April 25	38	New York	May 8	48
Connecticut	May 13	50	North Carolina	April 16	19
Delaware	April 20	29	North Dakota	April 29	42
Florida	April 20	30	Ohio	April 17	23
Georgia	April 15	15	Oklahoma	April 14	12
<b>Hawaii</b>	<b>April 19</b>	<b>25</b>	Oregon	April 22	33
Idaho	April 14	14	Pennsylvania	April 25	36
Illinois	April 30	43	Rhode Island	April 26	39
Indiana	April 18	24	South Carolina	April 12	8
Iowa	April 16	18	South Dakota	April 8	3
Kansas	April 21	31	Tennessee	April 9	4
Kentucky	April 11	6	Texas	April 17	22
Louisiana	April 2	1	Utah	April 20	27
Maine	April 14	11	Vermont	April 22	34
Maryland	May 5	45	Virginia	April 27	40
Massachusetts	May 2	46	Washington	April 29	41
Michigan	April 20	28	West Virginia	April 13	9
Minnesota	April 30	44	Wisconsin	April 25	37
Mississippi	April 4	2	Wyoming	April 22	32
Missouri	April 14	10	District of Columbia	April 23	(2/)
Montana	April 17	20			

X Not applicable.

1/ Rank is among the 50 states where 50 indicates the earliest Tax Freedom Day in the year 2015.

2/ The District of Columbia is ranked 36 as if it were a state but it does not affect other state ranks.

Source: Tax Foundation, "Tax Freedom Day 2015 is April 24th"

<<http://taxfoundation.org/tax-topics/tax-freedom-day>> accessed April 10, 2015.

**Table 9.10-- TAX FREEDOM DAY FOR THE UNITED STATES AND HAWAII:  
1984 TO 2015**

[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 and data may not be comparable year-to-year ]

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	April 11	April 9	19
2011	April 11	April 6	30
2012	April 13	April 6	43
2013	April 18	April 14	24
2014	April 21	April 15	25
2015	April 24	April 19	25

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.

Source: Tax Foundation, "Tax Freedom Day by State, 1970-2009" <<http://www.taxfoundation.org/taxdata/show/22328.html>> accessed March 31, 2009; 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; Special Report No. 190, table 2 (March 2011) <<http://www.taxfoundation.org/files/sr190.pdf>> accessed March 30, 2011; "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; "Tax Freedom Day 2014 is April 21, Three Days Later Than Last Year" (April 7, 2014) <<http://taxfoundation.org/tax-topics/tax-freedom-day>> accessed June 26, 2014; "Tax Freedom Day 2015 is April 24th" <[http://taxfoundation.org/sites/taxfoundation.org/files/docs/TaxFoundation\\_TFD\\_Report.pdf](http://taxfoundation.org/sites/taxfoundation.org/files/docs/TaxFoundation_TFD_Report.pdf)> accessed April 10, 2015; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.11-- STATE-LOCAL TAX BURDEN PER CAPITA AND RANK FOR HAWAII AND RATE FOR HAWAII AND THE UNITED STATES AVERAGE, BY FISCAL YEAR: 1977 TO 2011**

[In percent, number and nominal dollars]

Year	U. S. avg.	Hawaii					
	Rate (percent)	Rate (percent)	Rank 1/	Total state and local per capita taxes paid	Per capita taxes paid to own state	Per capita taxes paid to other states	Per capita income
1977	10.5	10.1	24	882	615	267	8,704
1978	10.3	10.2	21	943	661	282	9,268
1979	9.8	10.1	16	1,039	741	298	10,319
1980	9.6	10.0	16	1,142	820	322	11,458
1981	9.4	9.6	18	1,234	879	355	12,792
1982	9.4	9.3	22	1,217	855	362	13,112
1983	9.6	9.4	23	1,318	936	382	14,032
1984	9.8	9.4	29	1,422	995	427	15,199
1985	9.8	9.4	26	1,517	1,065	452	16,163
1986	9.8	9.6	23	1,626	1,154	472	17,016
1987	9.9	9.8	22	1,778	1,277	501	18,080
1988	10.0	10.5	13	2,047	1,517	530	19,508
1989	9.9	10.4	14	2,215	1,644	572	21,296
1990	10.0	10.0	22	2,303	1,693	611	23,109
1991	10.1	10.4	16	2,538	1,901	637	24,358
1992	10.3	10.6	16	2,629	1,974	655	24,908
1993	10.4	10.5	19	2,690	2,014	677	25,672
1994	10.4	10.9	13	2,841	2,168	672	26,070
1995	10.3	10.4	20	2,751	2,088	664	26,520
1996	10.1	10.7	13	2,857	2,223	635	26,807
1997	9.9	10.4	15	2,861	2,231	631	27,603
1998	9.8	10.3	14	2,923	2,294	630	28,510
1999	9.6	9.8	17	2,902	2,265	637	29,520
2000	9.5	9.6	20	2,998	2,323	676	31,218
2001	9.6	9.8	17	3,120	2,406	714	31,874
2002	9.6	9.8	18	3,099	2,368	731	31,603
2003	9.8	9.8	20	3,211	2,428	783	32,868
2004	9.8	9.8	22	3,420	2,592	829	35,035
2005	9.8	9.8	21	3,768	2,748	1,021	38,418
2006	9.9	10.3	18	4,214	3,069	1,145	41,067
2007	10.0	10.3	16	4,462	3,301	1,161	43,457
2008	10.0	10.2	15	4,532	3,347	1,186	44,539
2009	10.1	10.0	18	4,289	3,195	1,093	42,743
2010	10.2	10.5	14	4,391	3,323	1,068	41,962
2011	9.8	9.6	20	4,259	3,160	1,100	44,255

1/ Rank of 1 indicates the highest tax burden among the 50 states.

Source: Tax Foundation, *Annual State-Local Tax Burden Ranking 2011* "Table 3. State and Local Tax Burdens by State, Selected Fiscal Years: 1977 to 2011" (April 2, 2014)  
[http://taxfoundation.org/sites/taxfoundation.org/files/docs/Burdens\\_2014\\_Final.pdf](http://taxfoundation.org/sites/taxfoundation.org/files/docs/Burdens_2014_Final.pdf) accessed April 2, 2014; "State and Local Tax Burdens: All Years, One State, 1977 - 2011"  
<http://taxfoundation.org/article/state-and-local-tax-burdens-all-years-one-state-1977-2011> accessed May 5, 2015.

**Table 9.12-- STATE-LOCAL TAX BURDEN IN REAL DOLLARS PER CAPITA AND RANK FOR HAWAII AND RATE FOR HAWAII AND THE UNITED STATES AVERAGE, BY FISCAL YEAR: 1977 TO 2011**

[In percent, number and real dollars, as adjusted by U.S. Consumer Price Index, 1977-2011]

Year	U. S. avg.	Hawaii					
	Rate (percent)	Rate (percent)	Rank 1/	Total state and local per capita taxes paid	Per capita taxes paid to own state	Per capita taxes paid to other states	Per capita income
1977	10.5	10.1	24	3,275	2,283	992	32,315
1978	10.3	10.2	21	3,253	2,281	972	31,959
1979	9.8	10.1	16	3,220	2,296	924	31,982
1980	9.6	10.0	16	3,119	2,239	880	31,283
1981	9.4	9.6	18	3,052	2,175	878	31,643
1982	9.4	9.3	22	2,836	1,992	844	30,561
1983	9.6	9.4	23	2,976	2,113	863	31,687
1984	9.8	9.4	29	3,080	2,155	925	32,921
1985	9.8	9.4	26	3,173	2,227	946	33,802
1986	9.8	9.6	23	3,337	2,368	969	34,914
1987	9.9	9.8	22	3,519	2,528	991	35,789
1988	10.0	10.5	13	3,893	2,886	1,008	37,100
1989	9.9	10.4	14	4,020	2,983	1,037	38,647
1990	10.0	10.0	22	3,965	2,914	1,051	39,784
1991	10.1	10.4	16	4,191	3,140	1,052	40,228
1992	10.3	10.6	16	4,214	3,165	1,049	39,932
1993	10.4	10.5	19	4,190	3,136	1,054	39,977
1994	10.4	10.9	13	4,311	3,291	1,020	39,563
1995	10.3	10.4	20	4,061	3,082	979	39,145
1996	10.1	10.7	13	4,097	3,187	910	38,440
1997	9.9	10.4	15	4,010	3,126	884	38,685
1998	9.8	10.3	14	4,034	3,165	869	39,341
1999	9.6	9.8	17	3,919	3,059	860	39,862
2000	9.5	9.6	20	3,917	3,034	883	40,782
2001	9.6	9.8	17	3,963	3,056	907	40,493
2002	9.6	9.8	18	3,875	2,961	914	39,522
2003	9.8	9.8	20	3,926	2,969	957	40,187
2004	9.8	9.8	22	4,073	3,086	987	41,723
2005	9.8	9.8	21	4,340	3,165	1,176	44,251
2006	9.9	10.3	18	4,702	3,424	1,277	45,821
2007	10.0	10.3	16	4,841	3,581	1,260	47,145
2008	10.0	10.2	15	4,735	3,496	1,239	46,532
2009	10.1	10.0	18	4,497	3,350	1,146	44,816
2010	10.2	10.5	14	4,530	3,428	1,102	43,287
2011	9.8	9.6	20	4,259	3,160	1,100	44,255

1/ Rank of 1 indicates the highest tax burden among the 50 states.

Source: Tax Foundation, "State and Local Tax Burdens: All Years, One State, 1977 - 2011"

<<http://taxfoundation.org/article/state-and-local-tax-burdens-all-years-one-state-1977-2011>> accessed

May 5, 2015. See also *Annual State-Local Tax Burden Ranking 2011* (April 2, 2014)

<[http://taxfoundation.org/sites/taxfoundation.org/files/docs/Burdens\\_2014\\_Final.pdf](http://taxfoundation.org/sites/taxfoundation.org/files/docs/Burdens_2014_Final.pdf)>.

**Table 9.13-- STATE BUSINESS TAX CLIMATE INDEX RANK, OVERALL  
AND BY COMPONENT: 2015**

[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, 2014, the beginning of Fiscal Year 2015]

State	Overall rank	Tax index rank				
		Corporate	Individual Income	Sales	Unemployment Insurance	Property
Alabama	28	27	23	41	25	10
Alaska	4	30	1	5	24	32
Arizona	23	24	19	49	4	6
Arkansas	39	40	28	44	39	19
California	48	34	50	42	14	14
Colorado	20	12	16	43	35	22
Connecticut	42	32	34	31	20	49
Delaware	14	50	33	1	2	13
Florida	5	14	1	12	3	16
Georgia	36	8	42	17	36	30
<b>Hawaii</b>	<b>30</b>	<b>9</b>	<b>37</b>	<b>15</b>	<b>28</b>	<b>12</b>
Idaho	19	21	24	22	46	3
Illinois	31	47	11	34	38	44
Indiana	8	22	10	10	7	5
Iowa	41	49	32	23	33	38
Kansas	22	38	18	30	9	28
Kentucky	26	29	30	11	45	17
Louisiana	35	23	27	50	6	24
Maine	33	45	22	9	42	40
Maryland	40	16	45	8	21	41
Massachusetts	24	37	13	21	48	45
Michigan	13	10	14	7	47	27
Minnesota	47	44	46	37	29	34
Mississippi	18	11	21	28	8	33
Missouri	17	4	29	29	12	7
Montana	6	18	20	3	18	8
Nebraska	29	31	25	27	13	39
Nevada	3	1	1	39	43	9
New Hampshire	7	48	9	2	44	43
New Jersey	50	41	48	48	32	50
New Mexico	38	35	35	45	10	1
New York	49	20	49	40	31	46

Continued on next page.

**Table 9.13-- STATE BUSINESS TAX CLIMATE INDEX RANK, OVERALL  
AND BY COMPONENT: 2015 -- Con.**

State	Overall rank	Tax index rank				
		Corporate	Individual Income	Sales	Unemployment Insurance	Property
North Carolina	16	25	15	33	11	29
North Dakota	25	19	36	20	16	2
Ohio	44	26	47	32	5	20
Oklahoma	32	7	40	38	1	11
Oregon	12	36	31	4	30	15
Pennsylvania	34	46	17	24	50	42
Rhode Island	45	43	38	26	49	47
South Carolina	37	13	41	18	40	21
South Dakota	2	1	1	35	41	18
Tennessee	15	15	8	47	26	37
Texas	10	39	6	36	15	36
Utah	9	5	12	19	22	4
Vermont	46	42	44	16	17	48
Virginia	27	6	39	6	37	26
Washington	11	28	6	46	19	23
West Virginia	21	17	26	25	23	25
Wisconsin	43	33	43	14	27	31
Wyoming	1	1	1	13	34	35
Dist. of Columbia 1/	45	38	35	42	27	44

1/ Score and rank do not affect other areas.

Source: Tax Foundation, *2014 State Business Tax Climate Index* (October 2014) table 1  
<<http://taxfoundation.org/tax-topics/state-business-tax-climate-index>> accessed October 28, 2014.

**Table 9.14-- STATE BUSINESS TAX CLIMATE SCORE AND INDEX:  
2013 TO 2015**

[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. 2013 and 2014 data are revised]

Location	2013		2014		2015	
	Index rank	Total score	Index rank	Total score	Index rank	Total score
United States	(X)	5.00	(X)	5.00	(X)	5.00
Alabama	26	5.10	25	5.10	28	5.02
Alaska	4	7.26	4	7.23	4	7.22
Arizona	27	5.07	22	5.17	23	5.12
Arkansas	33	4.89	37	4.78	39	4.68
California	48	3.67	48	3.76	48	3.77
Colorado	19	5.28	20	5.21	20	5.27
Connecticut	42	4.43	41	4.49	42	4.47
Delaware	14	5.60	14	5.58	14	5.53
Florida	5	6.83	5	6.89	5	6.91
Georgia	36	4.83	35	4.81	36	4.78
<b>Hawaii</b>	31	4.93	30	5.00	30	5.00
Idaho	18	5.30	18	5.31	19	5.27
Illinois	30	4.97	29	5.00	31	4.96
Indiana	10	5.85	8	5.99	8	5.96
Iowa	39	4.53	39	4.53	41	4.50
Kansas	25	5.10	19	5.21	22	5.17
Kentucky	21	5.15	24	5.12	26	5.04
Louisiana	32	4.89	32	4.87	35	4.83
Maine	29	5.00	28	5.00	33	4.89
Maryland	40	4.49	40	4.51	40	4.50
Massachusetts	23	5.12	23	5.14	24	5.08
Michigan	13	5.71	13	5.74	13	5.64
Minnesota	45	4.27	47	4.08	47	4.07
Mississippi	17	5.32	17	5.33	18	5.29
Missouri	16	5.48	16	5.48	17	5.41
Montana	6	6.25	6	6.25	6	6.21
Nebraska	34	4.88	34	4.85	29	5.02
Nevada	3	7.40	3	7.46	3	7.46
New Hampshire	7	6.07	7	6.08	7	6.01
New Jersey	49	3.49	50	3.44	50	3.43
New Mexico	38	4.71	38	4.77	38	4.75
New York	50	3.45	49	3.47	49	3.62
North Carolina	44	4.27	44	4.32	16	5.44
North Dakota	28	5.05	27	5.05	25	5.08

Continued on next page.

**Table 9.14-- STATE BUSINESS TAX CLIMATE SCORE AND INDEX:  
2013 TO 2015-- Con.**

Location	2013		2014		2015	
	Index rank	Total score	Index rank	Total score	Index rank	Total score
Ohio	43	4.39	42	4.45	44	4.41
Oklahoma	35	4.87	33	4.86	32	4.91
Oregon	12	5.78	12	5.78	12	5.74
Pennsylvania	22	5.13	31	4.96	34	4.89
Rhode Island	47	4.18	45	4.18	45	4.14
South Carolina	37	4.82	36	4.80	37	4.76
South Dakota	2	7.53	2	7.50	2	7.50
Tennessee	15	5.52	15	5.52	15	5.48
Texas	9	5.86	10	5.85	10	5.80
Utah	8	5.96	9	5.98	9	5.91
Vermont	46	4.19	46	4.15	46	4.11
Virginia	24	5.11	26	5.06	27	5.03
Washington	11	5.83	11	5.82	11	5.79
West Virginia	20	5.19	21	5.19	21	5.19
Wisconsin	41	4.46	43	4.42	43	4.46
Wyoming	1	7.63	1	7.57	1	7.58
Dist. of Columbia 1/	44	4.31	44	4.36	45	4.32

X Not applicable.

1/ Score and rank do not affect other areas.

Source: Tax Foundation, *2014 State Business Tax Climate Index* (October 2014) table 1  
<<http://taxfoundation.org/tax-topics/state-business-tax-climate-index>> accessed October 28, 2014.



**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 condominium unit, dividends from stocks, and interest on bank certificates of deposit. For 2006, salary income is estimated at \$100,100 for Alfie and Anita, net rental income of -\$3,720, and \$4,220 interest income and dividends. Other assumptions are the same as in 1999. For other underlying assumptions, see sources]

Subject	1970 (dollars)	1988 (dollars)	1999 (dollars)	2006 (dollars)	2006 as percent of total	
					Tax burden	Gross family income
Total tax burden	5,559	25,610	31,107	42,788	100.0	38.7
Federal income	2,130	8,096	6,623	6,934	16.2	6.3
State income	693	3,693	3,477	4,560	10.7	4.1
Social security 1/	1,247	7,758	12,394	16,845	39.4	15.2
General excise	304	1,207	3,580	6,041	14.1	5.5
Real property	366	1,006	1,099	1,650	3.9	1.5
Employment 2/	527	3,301	3,112	5,710	13.3	5.2
Specific excise 3/	67	161	200	280	0.7	0.3
Automobile	225	388	622	768	1.8	0.7
Direct tax bill	4,342	18,432	19,288	26,360	61.6	23.8
Indirect tax bill	1,217	7,178	11,819	16,429	38.4	14.9
Gross family income	16,408	62,716	82,840	110,600	(X)	100.0
After taxes	10,898	37,106	51,733	67,812	(X)	61.3

X Not applicable.

1/ The sum of the amount the Alohas paid for retirement benefits and Medicare and the equal amount paid by their employers on their behalf.

2/ Unemployment compensation, temporary disability insurance, and workers' compensation.

3/ Alcohol, tobacco, telephone and cell.

Source: Hawaii State Department of Business, Economic Development & Tourism, records; and Tax Foundation of Hawaii, "The Tax Burden of the Arnie Aloha Family" (November 1989) and "The Tax Burden of the Aloha Family" (June 2001).

**Table 9.16-- 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]

Category	State & local	State	Local
Revenue 1/ 2/	9,920,831	6,945,777	3,250,884
General revenue 1/ 2/	11,705,956	9,018,293	2,963,493
Intergovernmental revenue 1/	2,469,688	2,225,268	520,250
General revenue from own sources 2/	9,236,268	6,793,025	2,443,243
Taxes 2/	6,568,433	4,712,651	1,855,782
Property	1,333,583	-	1,333,583
Sales and gross receipts 2/	3,495,505	3,125,035	370,470
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/	2,667,835	2,080,374	587,461
Current charges 2/ 3/	1,877,477	1,388,526	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 2/	790,358	691,848	98,510
Utility revenue	287,391	-	287,391
Insurance trust revenue	-2,072,516	-2,072,516	-
Expenditure 1/	14,266,860	11,244,913	3,181,049
Intergovernmental expenditure 1/	350	159,452	-
Direct expenditure by function	14,266,510	11,085,461	3,181,049
Direct general expenditure	12,595,926	9,936,935	2,658,991
Other direct general expenditure	11,101,532	9,072,440	2,029,092
Capital outlay	1,494,394	864,495	629,899
Education services 4/	3,591,016	3,590,557	459
Education	3,557,276	3,556,817	459
Libraries	33,740	33,740	-
Social services & income maintenance 4/	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 4/	1,071,282	843,543	227,739
Highways	683,710	455,985	227,725
Air transportation (airports)	337,329	337,329	-

Continued on next page.

**Table 9.16-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES,  
BY LEVEL OF GOVERNMENT: 2009 -- Con.**

Category	State & local 1/	State 1/	Local 1/
Public safety 4/	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 4/	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	1,292,667	925,468	367,199
Utility expenditure 4/	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	-
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

1/ Duplicative intergovernmental transactions are excluded.

2/ Revised from previous *Data Book*.

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" (tabulated December 16, 2014)

<<http://www2.census.gov/govs/local/09s/stab1a.xls>> accessed June 22, 2015.

**Table 9.17-- 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]

Category	State & local	State	Local
Revenue 1/ 2/	14,665,662	11,609,211	3,285,202
General revenue 1/ 2/	12,220,735	9,471,490	2,977,996
Intergovernmental revenue 1/	2,826,697	2,592,047	463,401
General revenue from own sources	9,394,038	6,879,443	2,514,595
Taxes 2/	6,756,975	4,837,862	1,919,113
Property	1,393,152	-	1,393,152
Sales and gross receipts 2/	3,400,931	3,044,380	356,551
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/	2,637,063	2,041,581	595,482
Current charges 2/ 3/	1,937,731	1,411,125	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 2/	699,332	630,456	68,876
Utility revenue	307,206	-	307,206
Insurance trust revenue 2/	2,137,721	2,137,721	-
Expenditure 1/ 2/	14,339,947	11,286,331	3,230,905
Intergovernmental expenditure 1/	335	177,624	-
Direct expenditure by function 2/	14,339,612	11,108,707	3,230,905
Direct general expenditure	12,201,269	9,565,346	2,635,923
Other direct general expenditure	10,662,968	8,677,261	1,985,707
Capital outlay	1,538,301	888,085	650,216
Education services 4/	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 4/	3,260,457	3,129,677	130,780
Public welfare	2,033,570	1,960,207	73,363
Hospitals	640,331	640,331	-
Health	576,951	519,534	57,417
Social insurance administration	5,693	5,693	-
Veterans' services	3,912	3,912	-
Transportation 4/	1,117,328	837,129	280,199
Highways	749,121	468,922	280,199
Air transportation (airports)	320,090	320,090	-

Continued on next page.

**Table 9.17-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES,  
BY LEVEL OF GOVERNMENT: 2010 -- Con.**

Category	State & local 1/	State 2/	Local 1/
Public safety 4/	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 4/	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	1,290,337	1,001,130	289,207
Utility expenditure 4/	598,145	3,163	594,982
Water supply	264,831	3,163	261,668
Transit	333,314	-	333,314
Insurance trust expenditure 2/	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 2/	16,685,986	14,385,388	2,300,598
Insurance trust funds 2/	9,551,431	9,551,431	-
Unemployment compensation	33,424	33,424	-
Employee retirement 2/	9,501,156	9,501,156	-
Workers' compensation	16,851	16,851	-
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

1/ Duplicative intergovernmental transactions are excluded.

2/ Revised from previous *Data Book*.

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" (tabulated December 16, 2014)

<<http://www2.census.gov/govs/local/09slsstab1a.xls>> accessed June 22, 2015.

**Table 9.18-- 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]

<b>Category</b>	<b>State &amp; local</b>	<b>State</b>	<b>Local</b>
Revenue 1/ 2/	15,945,159	12,807,096	3,382,139
General revenue 1/ 2/	12,899,001	10,078,961	3,064,116
Intergovernmental revenue 1/	3,180,863	2,918,445	506,494
General revenue from own sources 2/	9,718,138	7,160,516	2,557,622
Taxes 2/	6,751,858	4,857,729	1,894,129
Property	1,324,771	-	1,324,771
Sales and gross receipts 2/	3,711,365	3,335,562	375,803
Individual income	1,247,291	1,247,291	-
Corporate income	67,859	67,859	-
Motor vehicle license	261,843	104,923	156,920
Other taxes	138,729	102,094	36,635
Charges & misc. general revenue 2/	2,966,280	2,302,787	663,493
Current charges 3/	2,168,750	1,594,879	573,871
Education	497,510	497,510	-
Hospitals	526,807	526,807	-
Air transportation (airports)	337,653	337,653	-
Sewerage	395,171	-	395,171
Miscellaneous general revenue 2/	797,530	707,908	89,622
Utility revenue	318,023	-	318,023
Insurance trust revenue	2,728,135	2,728,135	-
Expenditure 1/	14,389,261	11,475,771	3,121,124
Intergovernmental expenditure 1/	354	207,988	-
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 4/	3,381,097	3,380,830	267
Education	3,345,400	3,345,134	266
Libraries	35,697	35,696	1
Social services & income maint. 4/	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	-
Veterans' services	2,021	2,021	-
Transportation 4/	892,902	685,642	207,260
Highways	564,647	357,387	207,260
Air transportation (airports)	275,894	275,894	-

Continued on next page.

**Table 9.18-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES,  
BY LEVEL OF GOVERNMENT: 2011 -- Con.**

Category	State & local 1/	State 2/	Local 1/
Public safety 4/	792,734	252,424	540,310
Police protection	386,140	31,479	354,661
Fire protection	182,011	-	182,011
Correction	191,030	191,030	-
Protective inspection and regulation	33,553	29,915	3,638
Environment and housing 4/	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	-	313,642
Governmental administration	649,397	410,269	239,128
Interest on general debt	544,507	361,208	183,299
Gen. expend., not elsewhere classified 4/	1,228,101	972,420	255,681
Utility expenditure 4/	675,850	5,151	670,699
Water supply	285,672	5,151	280,521
Transit	390,178	-	390,178
Insurance trust expenditure	1,507,373	1,507,373	-
Debt outstanding	13,377,007	7,912,833	5,464,174
Short-term	10,000	-	10,000
Long-term	13,367,007	7,912,833	5,454,174
Public debt for private purposes	504,683	504,683	-
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	-
Unemployment compensation	-12,769	-12,769	-
Employee retirement	10,863,695	10,863,695	-
Workers' compensation	17,525	17,525	-
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

1/ Duplicative intergovernmental transactions are excluded.

2/ Revised from previous *Data Book*.

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" (tabulated December 16, 2014)

<<http://www2.census.gov/govs/local/11slsstab1a.xls>> accessed June 22, 2015.

**Table 9.19-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES,  
BY LEVEL OF GOVERNMENT: 2012**

[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	State	Local
Revenue 1/	13,750,025	10,600,634	3,389,082
General revenue 1/	12,798,234	9,988,555	3,049,370
Intergovernmental revenue 1/	2,631,491	2,357,724	513,458
General revenue from own sources	10,166,743	7,630,831	2,535,912
Taxes	7,410,827	5,516,146	1,894,681
Property	1,310,590	-	1,310,590
Sales and gross receipts	3,974,819	3,581,652	393,167
Individual income	1,540,746	1,540,746	-
Corporate income	80,256	80,256	-
Motor vehicle license	360,318	206,164	154,154
Other taxes	144,098	107,328	36,770
Charges & misc. general revenue	2,755,916	2,114,685	641,231
Current charges 2/	2,146,348	1,580,859	565,489
Education	409,286	409,286	-
Hospitals	562,160	562,160	-
Air transportation (airports)	379,912	379,912	-
Sewerage	377,159	-	377,159
Miscellaneous general revenue	609,568	533,826	75,742
Utility revenue	339,712	-	339,712
Insurance trust revenue	612,079	612,079	-
Expenditure 1/	14,708,290	11,565,554	3,337,157
Intergovernmental expenditure 1/	370	194,791	-
Direct expenditure by function	14,707,920	11,370,763	3,337,157
Direct general expenditure	12,314,719	9,902,902	2,411,817
Other direct general expenditure	10,836,135	8,913,874	1,922,261
Capital outlay	1,478,584	989,028	489,556
Education services 3/	3,539,207	3,539,207	-
Education	3,502,973	3,502,973	-
Libraries	36,234	36,234	-
Social services & income maint. 3/	3,288,709	3,230,681	58,028
Public welfare	2,021,504	1,987,816	33,688
Hospitals	753,463	753,463	-
Health	507,375	483,035	24,340
Employment security administration	6,130	6,130	-
Veterans' services	237	237	-
Transportation 3/	946,203	749,883	196,320
Highways	601,233	405,475	195,758
Air transportation (airports)	283,590	283,590	-

Continued on next page.



**Table 9.19-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES,  
BY LEVEL OF GOVERNMENT: 2012 -- Con.**

Category	State & local	State	Local
Public safety 3/	818,057	259,932	558,125
Police protection	388,550	29,780	358,770
Fire protection	194,866	-	194,866
Correction	198,207	198,207	-
Protective inspection and regulation	36,434	31,945	4,489
Environment and housing 3/	1,116,801	301,004	815,797
Natural resources	94,785	93,993	792
Parks and recreation	265,452	91,807	173,645
Housing and community development	205,624	115,187	90,437
Sewerage	244,437	17	244,420
Solid waste management	306,503	-	306,503
Governmental administration	720,920	380,589	340,331
Interest on general debt	535,312	338,595	196,717
Gen. expend., not elsewhere classified 4/	1,349,510	1,103,011	246,499
Utility expenditure 3/	937,280	11,940	925,340
Water supply	290,173	11,940	278,233
Transit	647,107	-	647,107
Insurance trust expenditure	1,455,921	1,455,921	-
Debt outstanding	14,025,010	8,398,012	5,626,998
Short-term	33,000	-	33,000
Long-term	13,992,010	8,398,012	5,593,998
Public debt for private purposes	516,547	487,495	29,052
Long-term debt issued	2,441,606	1,825,313	616,293
Long-term debt retired	1,823,770	1,340,134	483,636
Cash and security holdings	18,940,482	15,991,100	2,949,382
Insurance trust funds	10,693,789	10,693,789	-
Unemployment compensation	47,300	47,300	-
Employee retirement	10,646,489	10,646,489	-
Workers' compensation	-	-	-
Other than insurance trust funds	8,246,693	5,297,311	2,949,382
Offsets to debt	1,191,186	886,546	304,640
Bond funds	448,802	279,194	169,608
Other	6,606,705	4,131,571	2,475,134

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, 2012 Census of Governments, "LGF001: State and Local Government Finances by Level of Government and by State: 2012" <<http://www.census.gov/govs/local/>> accessed June 22, 2015.

**Table 9.20-- 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]

Category	Total 1/	Percent distribution	Per capita 2/
Revenue 1/ 3/	9,920,831	100.0	7,366.68
General revenue 1/ 3/	11,705,956	118.0	8,692.22
Intergovernmental revenue 1/	2,469,688	24.9	1,833.86
General revenue from own sources 3/	9,236,268	93.1	6,858.36
Taxes 3/	6,568,433	66.2	4,877.37
Property	1,333,583	13.4	990.25
Sales and gross receipts 3/	3,495,505	35.2	2,595.58
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 3/	2,667,835	26.9	1,980.99
Current charges 3/ 4/	1,877,477	18.9	1,394.11
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 3/	790,358	8.0	586.88
Utility revenue	287,391	2.9	213.40
Insurance trust revenue	-2,072,516	-20.9	-1,538.94
Expenditure 1/	14,266,860	100.0	10,593.81
Intergovernmental expenditure 1/	350	0.0	0.26
Direct expenditure by function	14,266,510	100.0	10,593.55
Direct general expenditure	12,595,926	88.3	9,353.06
Other direct general expenditure	11,101,532	77.8	8,243.40
Capital outlay	1,494,394	10.5	1,109.66
Education services 5/	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 5/	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 5/	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 9.20-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES,  
TOTAL AND PER CAPITA: 2009 -- Con.**

Category	Total 1/	Percent distribution	Per capita 2/
Public safety 5/	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 5/	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
Gen. expend., not elsewhere classified	1,292,667	9.1	959.87
Utility expenditure 5/	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	-	-	-
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>>.

3/ Revised from previous *Data Book*.

4/ 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.

5/ 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 December 16, 2014) <<http://www2.census.gov/govs/local/09slsstab1a.xls>> accessed June 22, 2015.

**Table 9.21-- 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]

Category	Total 1/	Percent distribution	Per capita 2/
Revenue 1/	14,665,662	100.0	10,752.35
General revenue 1/ 3/	12,220,735	83.3	8,959.81
Intergovernmental revenue 1/	2,826,697	19.3	2,072.43
General revenue from own sources	9,394,038	64.1	6,887.38
Taxes 3/	6,756,975	46.1	4,953.98
Property	1,393,152	9.5	1,021.41
Sales and gross receipts 3/	3,400,931	23.2	2,493.44
Individual income	1,527,790	10.4	1,120.12
Corporate income	79,853	0.5	58.55
Motor vehicle license	226,882	1.5	166.34
Other taxes	128,367	0.9	94.11
Charges & misc. general revenue 3/	2,637,063	18.0	1,933.40
Current charges 3/ 4/	1,937,731	13.2	1,420.68
Education	361,260	2.5	264.86
Hospitals	511,322	3.5	374.88
Air transportation (airports)	321,461	2.2	235.68
Sewerage	354,606	2.4	259.98
Miscellaneous general revenue 3/	699,332	4.8	512.73
Utility revenue	307,206	2.1	225.23
Insurance trust revenue 3/	2,137,721	14.6	1,567.30
Expenditure 1/ 3/	14,339,947	100.0	10,513.54
Intergovernmental expenditure 1/	335	0.0	0.25
Direct expenditure by function 3/	14,339,612	100.0	10,513.30
Direct general expenditure	12,201,269	85.1	8,945.54
Other direct general expenditure	10,662,968	74.4	7,817.71
Capital outlay	1,538,301	10.7	1,127.83
Education services 5/	3,292,270	23.0	2,413.78
Education	3,254,786	22.7	2,386.29
Libraries	37,484	0.3	27.48
Social services & income maintenance 5/	3,260,457	22.7	2,390.45
Public welfare	2,033,570	14.2	1,490.94
Hospitals	640,331	4.5	469.47
Health	576,951	4.0	423.00
Social insurance administration	5,693	0.0	4.17
Veterans' services	3,912	0.0	2.87
Transportation 5/	1,117,328	7.8	819.19
Highways	749,121	5.2	549.23
Air transportation (airports)	320,090	2.2	234.68

Continued on next page.

**Table 9.21-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES,  
TOTAL AND PER CAPITA: 2010 -- Con.**

Category	Total 1/	Percent distribution	Per capita 2/
Public safety 5/	824,878	5.8	604.77
Police protection	385,148	2.7	282.38
Fire protection	180,078	1.3	132.03
Correction	206,695	1.4	151.54
Protective inspection and regulation	52,957	0.4	38.83
Environment and housing 5/	1,260,770	8.8	924.35
Natural resources	108,317	0.8	79.41
Parks and recreation	272,600	1.9	199.86
Housing and community development	211,380	1.5	154.98
Sewerage	359,719	2.5	263.73
Solid waste management	308,754	2.2	226.37
Governmental administration 5/	669,839	4.7	491.10
Interest on general debt	485,390	3.4	355.87
General expend., not elsewhere classified 3/	1,290,337	9.0	946.03
Utility expenditure 5/	598,145	4.2	438.54
Water supply	264,831	1.8	194.16
Transit	333,314	2.3	244.37
Insurance trust expenditure 3/	1,540,198	10.7	1,129.22
Debt outstanding	12,634,409	100.0	9,263.10
Short-term	19,000	0.2	13.93
Long-term	12,615,409	99.8	9,249.17
Public debt for private purposes	515,418	4.1	377.89
Long-term debt issued	2,532,097	20.0	1,856.44
Long-term debt retired	1,420,767	11.2	1,041.66
Cash and security holdings	16,685,986	100.0	12,233.58
Insurance trust funds	9,551,431	57.2	7,002.77
Unemployment compensation	33,424	0.2	24.51
Employee retirement	9,501,156	56.9	6,965.91
Workers' compensation	16,851	0.1	12.35
Other than insurance trust funds	7,134,555	42.8	5,230.80

1/ Duplicative intergovernmental transactions are excluded.

2/ Based on July 1, 2010 population for Hawaii of 1,363,950. As released December 2014 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, 2014 (PEPANNRES).

3/ Revised from previous *Data Book*.

4/ 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.

5/ 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 December 16, 2014)

<<http://www2.census.gov/govs/local/09slsstab1a.xls>> accessed June 22, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.22-- 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 categories not shown separately. Population and per capita revised]

<b>Category</b>	<b>Total 1/</b>	<b>Percent distribution</b>	<b>Per capita 2/</b>
Revenue 1/ 3/	15,945,159	100.0	11,569.13
General revenue 1/ 3/	12,899,001	80.9	9,358.96
Intergovernmental revenue 1/	3,180,863	19.9	2,307.90
General revenue from own sources 3/	9,718,138	60.9	7,051.07
Taxes 3/	6,751,858	42.3	4,898.86
Property	1,324,771	8.3	961.20
Sales and gross receipts 3/	3,711,365	23.3	2,692.81
Individual income	1,247,291	7.8	904.98
Corporate income	67,859	0.4	49.24
Motor vehicle license	261,843	1.6	189.98
Other taxes	138,729	0.9	100.66
Charges & misc. general revenue 3/	2,966,280	18.6	2,152.21
Current charges 3/ 4/	2,168,750	13.6	1,573.55
Education	497,510	3.1	360.97
Hospitals	526,807	3.3	382.23
Air transportation (airports)	337,653	2.1	244.99
Sewerage	395,171	2.5	286.72
Miscellaneous general revenue 3/	797,530	5.0	578.65
Utility revenue	318,023	2.0	230.74
Insurance trust revenue	2,728,135	17.1	1,979.42
Expenditure 1/	14,389,261	100.0	10,440.23
Intergovernmental expenditure 1/	354	0.0	0.26
Direct expenditure by function	14,388,907	100.0	10,439.98
Direct general expenditure	12,205,684	84.8	8,855.92
Other direct general expenditure	10,794,109	75.0	7,831.74
Capital outlay	1,411,575	9.8	1,024.18
Education services 5/	3,381,097	23.5	2,453.18
Education	3,345,400	23.2	2,427.28
Libraries	35,697	0.2	25.90
Social services & income maintenance 5/	3,468,022	24.1	2,516.25
Public welfare	2,147,032	14.9	1,557.79
Hospitals	666,716	4.6	483.74
Health	641,107	4.5	465.16
Employment security administration	11,146	0.1	8.09
Veterans' services	2,021	0.0	1.47
Transportation 5/	892,902	6.2	647.85
Highways	564,647	3.9	409.68
Air transportation (airports)	275,894	1.9	200.18

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**Table 9.22-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES,  
TOTAL AND PER CAPITA: 2011 -- Con.**

Category	Total 1/	Percent distribution	Per capita 2/
Public safety 5/	792,734	5.5	575.17
Police protection	386,140	2.7	280.17
Fire protection	182,011	1.3	132.06
Correction	191,030	1.3	138.60
Protective inspection and regulation	33,553	0.2	24.34
Environment and housing 5/	1,248,924	8.7	906.17
Natural resources	101,252	0.7	73.46
Parks and recreation	273,717	1.9	198.60
Housing and community development	231,268	1.6	167.80
Sewerage	329,045	2.3	238.74
Solid waste management	313,642	2.2	227.57
Governmental administration	649,397	4.5	471.17
Interest on general debt	544,507	3.8	395.07
Gen. expend., not elsewhere classified 3/	1,228,101	8.5	891.06
Utility expenditure 5/	675,850	4.7	490.37
Water supply	285,672	2.0	207.27
Transit	390,178	2.7	283.10
Insurance trust expenditure	1,507,373	10.5	1,093.69
Debt outstanding	13,377,007	100.0	9,705.78
Short-term	10,000	0.1	7.26
Long-term	13,367,007	99.9	9,698.53
Public debt for private purposes	504,683	3.8	366.18
Long-term debt issued	1,411,408	10.6	1,024.06
Long-term debt retired	697,052	5.2	505.75
Cash and security holdings	18,435,517	100.0	13,376.02
Insurance trust funds	10,868,451	59.0	7,885.68
Unemployment compensation	-12,769	-0.1	-9.26
Employee retirement	10,863,695	58.9	7,882.23
Workers' compensation	17,525	0.1	12.72
Other than insurance trust funds	7,567,066	41.0	5,490.34

1/ Duplicative intergovernmental transactions are excluded.

2/ Based on July 1, 2011 population for Hawaii of 1,378,251. As released December 2014 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, 2013 (PEPANNRES).

3/ Revised from previous *Data Book*.

4/ 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.

5/ 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" (tabulated December 16, 2014)

<<http://www2.census.gov/govs/local/11slsstab1a.xls>> accessed June 22, 2015.

**Table 9.23-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES,  
TOTAL AND PER CAPITA: 2012**

[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]

Category	Total 1/	Percent distribution	Per capita 2/
Revenue 1/	13,750,025	100.0	9,872.46
General revenue 1/	12,798,234	93.1	9,189.08
Intergovernmental revenue 1/	2,631,491	19.1	1,889.40
General revenue from own sources	10,166,743	73.9	7,299.68
Taxes 3/	7,410,827	53.9	5,320.94
Property	1,310,590	9.5	941.00
Sales and gross receipts	3,974,819	28.9	2,853.90
Individual income	1,540,746	11.2	1,106.25
Corporate income	80,256	0.6	57.62
Motor vehicle license	360,318	2.6	258.71
Other taxes	144,098	1.0	103.46
Charges & misc. general revenue	2,755,916	20.0	1,978.74
Current charges 3/	2,146,348	15.6	1,541.07
Education	409,286	3.0	293.87
Hospitals	562,160	4.1	403.63
Air transportation (airports)	379,912	2.8	272.78
Sewerage	377,159	2.7	270.80
Miscellaneous general revenue	609,568	4.4	437.67
Utility revenue	339,712	2.5	243.91
Insurance trust revenue	612,079	4.5	439.47
Expenditure 1/	14,708,290	100.0	10,560.49
Intergovernmental expenditure 1/	370	0.0	0.27
Direct expenditure by function	14,707,920	100.0	10,560.22
Direct general expenditure	12,314,719	83.7	8,841.92
Other direct general expenditure	10,836,135	73.7	7,780.30
Capital outlay	1,478,584	10.1	1,061.62
Education services 4/	3,539,207	24.1	2,541.14
Education	3,502,973	23.8	2,515.12
Libraries	36,234	0.2	26.02
Social services & income maintenance 4/	3,288,709	22.4	2,361.28
Public welfare	2,021,504	13.7	1,451.43
Hospitals	753,463	5.1	540.98
Health	507,375	3.4	364.29
Social insurance administration	6,130	0.0	4.40
Veterans' services	237	0.0	0.17
Transportation 4/	946,203	6.4	679.37
Highways	601,233	4.1	431.68
Air transportation (airports)	283,590	1.9	203.62

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**Table 9.23-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES,  
TOTAL AND PER CAPITA: 2012 -- Con.**

Category	Total 1/	Percent distribution	Per capita 2/
Public safety 4/	818,057	5.6	587.36
Police protection	388,550	2.6	278.98
Fire protection	194,866	1.3	139.91
Correction	198,207	1.3	142.31
Protective inspection and regulation	36,434	0.2	26.16
Environment and housing 4/	1,116,801	7.6	801.86
Natural resources	94,785	0.6	68.06
Parks and recreation	265,452	1.8	190.59
Housing and community development	205,624	1.4	147.64
Sewerage	244,437	1.7	175.50
Solid waste management	306,503	2.1	220.07
Governmental administration 4/	720,920	4.9	517.62
Interest on general debt	535,312	3.6	384.35
General expend., not elsewhere classified	1,349,510	9.2	968.94
Utility expenditure 4/	937,280	6.4	672.96
Water supply	290,173	2.0	208.34
Transit	647,107	4.4	464.62
Insurance trust expenditure	1,455,921	9.9	1,045.35
Debt outstanding	14,025,010	100.0	10,069.90
Short-term	33,000	0.2	23.69
Long-term	13,992,010	99.8	10,046.20
Public debt for private purposes	516,547	3.7	370.88
Long-term debt issued	2,441,606	17.4	1,753.06
Long-term debt retired	1,823,770	13.0	1,309.46
Cash and security holdings	18,940,482	100.0	13,599.18
Insurance trust funds	10,693,789	56.5	7,678.09
Unemployment compensation	47,300	0.2	33.96
Employee retirement	10,646,489	56.2	7,644.13
Workers' compensation	-	-	-
Other than insurance trust funds	8,246,693	43.5	5,921.09

1/ Duplicative intergovernmental transactions are excluded.

2/ Based on July 1, 2012 population for Hawaii of 1,392,766. As released December 2014 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, 2014 (PEPANNRES).

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, 2012 Census of Governments, "LGF001: State and Local Government Finances by Level of Government and by State: 2012" <<http://www.census.gov/govs/local/>> accessed June 22, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.24-- HAWAII STATE GOVERNMENT FINANCES: 2010 TO 2013**

[Thousands of dollars. For fiscal year ending June 30. On February 3, 2015 the Census Bureau issued revised 2012 data but Hawaii data were not affected]

Category	2010	2011	2012	2013
Total revenue	11,609,211	12,807,096	10,600,634	12,944,952
General revenue	9,471,490	10,078,961	9,988,555	10,825,114
Intergov'tal revenue	2,592,047	2,918,445	2,357,724	2,331,449
Taxes	4,837,862	4,857,729	5,516,146	6,092,893
General sales & gross rec.	2,316,434	2,495,807	2,697,951	2,944,487
Sel. sales & gross rec.	727,946	839,755	883,701	987,733
License taxes	145,952	151,525	258,795	230,189
Individual income	1,527,790	1,247,291	1,540,746	1,735,718
Corporate net income 1/	79,853	67,859	80,256	123,661
Other taxes	39,887	55,492	54,697	71,105
Current charges	1,411,125	1,594,879	1,580,859	1,626,827
Misc. general revenue	630,456	707,908	533,826	773,945
Insurance trust revenue 2/	2,137,721	2,728,135	612,079	2,119,838
Total expenditure	11,286,331	11,475,771	11,565,554	11,477,711
General expend., by func.	9,742,970	9,963,247	10,097,693	10,098,104
Education	3,254,387	3,345,134	3,502,973	3,404,040
Public welfare	1,960,542	2,086,752	1,988,186	2,098,924
Hospitals	640,331	666,713	753,463	799,790
Health	545,908	620,003	492,387	494,927
Highways	468,922	357,387	405,475	409,269
Police protection	34,211	31,656	30,364	34,307
Correction	206,695	191,030	198,207	200,984
Natural resources	104,865	97,119	95,578	113,135
Parks and recreation	91,156	110,006	92,298	95,856
Government admin.	412,863	417,053	387,954	413,238
Interest on general debt	308,715	361,208	338,595	349,062
Other and unallocable	1,714,375	1,679,186	1,812,213	1,684,572
Utility expenditure	3,163	5,151	11,940	5,564
Insurance trust expend.	1,540,198	1,507,373	1,455,921	1,374,043
Exhibit: General expend.	9,742,970	9,963,247	10,097,693	10,098,104
Intergov'tal expend.	177,624	207,988	194,791	220,844
Direct expenditure	9,565,346	9,755,259	9,902,902	9,877,260
Debt at end of fiscal year	7,700,654	7,912,833	8,398,012	8,318,403
Cash & security holdings	14,385,388	15,603,693	15,991,100	16,242,691

1/ Prior to 2012, 'Corporate income'.

2/ 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 February 3, 2015.

**Table 9.25-- HAWAII STATE GOVERNMENT FINANCES PER CAPITA:  
2009 TO 2013**

[In dollars. For fiscal year ending June 30. 2010 to 2012 revised from previous  
*Data Book*. 2012 finance data also available in Census of Governments 2012]

Category	2009	2010	2011	2012	2013
Total revenue	5,157.56	8,511.46	9,292.28	7,611.21	9,187.42
General revenue	6,696.50	6,944.16	7,312.86	7,171.74	7,682.91
Intergov'tal revenue	1,652.36	1,900.40	2,117.50	1,692.84	1,654.70
Taxes	3,499.36	3,546.95	3,524.56	3,960.57	4,324.31
General sales	1,827.87	1,698.33	1,810.85	1,937.12	2,089.79
Selective sales	492.62	533.70	609.29	634.49	701.02
License taxes	108.61	107.01	109.94	185.81	163.37
Individual income	994.05	1,120.12	904.98	1,106.25	1,231.89
Corporate net income 1/	58.36	58.55	49.24	57.62	87.77
Other taxes	17.86	29.24	40.26	39.27	50.47
Current charges	1,031.05	1,034.59	1,157.18	1,135.05	1,154.61
Misc. general revenue	513.73	462.23	513.63	383.28	549.29
Insurance trust revenue 2/	-1,538.94	1,567.30	1,979.42	439.47	1,504.51
Total expenditure	8,349.87	8,274.74	8,326.33	8,304.02	8,146.07
General expend., by func.	7,497.04	7,143.20	7,228.91	7,250.10	7,166.92
Education	2,641.10	2,386.00	2,427.09	2,515.12	2,415.95
Public welfare	1,285.78	1,437.40	1,514.06	1,427.51	1,489.67
Hospitals	446.42	469.47	483.74	540.98	567.63
Health	496.15	400.24	449.85	353.53	351.26
Highways	338.59	343.80	259.30	291.13	290.47
Police protection	21.08	25.08	22.97	21.80	24.35
Correction	171.27	151.54	138.60	142.31	142.64
Natural resources	87.90	76.88	70.47	68.62	80.30
Parks and recreation	63.32	66.83	79.82	66.27	68.03
Government admin.	375.27	302.70	302.60	278.55	293.29
Interest on general debt	321.50	226.34	262.08	243.11	247.74
Other and unallocable	1,248.64	1,256.92	1,218.35	1,301.16	1,195.59
Utility expenditure	1.39	2.32	3.74	8.57	3.95
Insurance trust expend.	851.45	1,129.22	1,093.69	1,045.35	975.20
Exhibit: General expend.	7,497.04	7,143.20	7,228.91	7,250.10	7,166.92
Intergov'tal expend.	118.40	130.23	150.91	139.86	156.74
Direct expenditure	7,378.64	7,012.97	7,078.00	7,110.24	7,010.19
Debt at end of fiscal year	5,108.90	5,645.85	5,741.21	6,029.74	5,903.82
Cash & security holdings	9,777.57	10,546.86	11,321.37	11,481.54	11,527.92

1/ Prior to 2012, 'Corporate income'.

2/ Includes net earnings of state retirement systems which may be positive or negative.

Source: U.S. Census Bureau, Annual Survey of State Government Finances (annual)

<<http://www.census.gov/govs/state/index.html>> accessed February 3, 2015; and calculations by Hawaii State Department of Business, Economent Development & Tourism.

**Table 9.26-- HAWAII STATE GOVERNMENT FINANCES, TOTAL AND PER CAPITA: 2010**

[Amount in thousands of dollars, per capita in dollars. For fiscal year ending June 30.  
"Per capita" revised from previous *Data Book*]

<b>Category</b>	<b>Amount</b>	<b>Percent distribution</b>	<b>Per capita 1/</b>
Total revenue	11,609,211	100.00	8,511.46
General revenue	9,471,490	81.59	6,944.16
Intergovernmental revenue	2,592,047	22.33	1,900.40
Taxes	4,837,862	41.67	3,546.95
General sales	2,316,434	19.95	1,698.33
Selective sales	727,946	6.27	533.70
License taxes	145,952	1.26	107.01
Individual income	1,527,790	13.16	1,120.12
Corporate income	79,853	0.69	58.55
Other taxes	39,887	0.34	29.24
Current charges	1,411,125	12.16	1,034.59
Misc. general revenue	630,456	5.43	462.23
Insurance trust revenue	2,137,721	18.41	1,567.30
Total expenditure	11,286,331	100.00	8,274.74
General expenditure, by function	9,742,970	86.33	7,143.20
Education	3,254,387	28.83	2,386.00
Public welfare	1,960,542	17.37	1,437.40
Hospitals	640,331	5.67	469.47
Health	545,908	4.84	400.24
Highways	468,922	4.15	343.80
Police protection	34,211	0.30	25.08
Correction	206,695	1.83	151.54
Natural resources	104,865	0.93	76.88
Parks and recreation	91,156	0.81	66.83
Government administration	412,863	3.66	302.70
Interest on general debt	308,715	2.74	226.34
Other and unallocable	1,714,375	15.19	1,256.92
Utility expenditure	3,163	0.03	2.32
Insurance trust expenditure	1,540,198	13.65	1,129.22
Exhibit: General expenditure	9,742,970	100.00	7,143.20
Intergovernment expenditure	177,624	1.82	130.23
Direct expenditure	9,565,346	98.18	7,012.97
Debt at end of fiscal year	7,700,654	100.00	5,645.85
Cash and security holdings	14,385,388	100.00	10,546.86

1/ Based on July 1, 2010 population for Hawaii of 1,363,950. As released December 2014 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, 2014 (NST-EST2014-01).

Source: U.S. Census Bureau, Governments Division, 2010 State Government Finances (January 23, 2014) <<http://www2.census.gov/govs/state/10stataess.xls>> accessed March 9, 2015. and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.27-- HAWAII STATE GOVERNMENT FINANCES, TOTAL AND PER CAPITA: 2011**

[Amount in thousands of dollars, per capita in dollars. For fiscal year ending June 30.  
Per capita revised from previous *Data Book*]

Category	Amount	Percent distribution	Per capita 1/
Total revenue	12,807,096	100.00	9,292.28
General revenue	10,078,961	78.7	7,312.86
Intergovernmental revenue	2,918,445	22.8	2,117.50
Taxes	4,857,729	37.9	3,524.56
General sales	2,495,807	19.5	1,810.85
Selective sales	839,755	6.6	609.29
License taxes	151,525	1.2	109.94
Individual income	1,247,291	9.7	904.98
Corporate income	67,859	0.5	49.24
Other taxes	55,492	0.4	40.26
Current charges	1,594,879	12.5	1,157.18
Miscellaneous general revenue	707,908	5.5	513.63
Insurance trust revenue	2,728,135	21.3	1,979.42
Total expenditure	11,475,771	100.0	8,326.33
General expenditure, by function	9,963,247	86.8	7,228.91
Education	3,345,134	29.1	2,427.09
Public welfare	2,086,752	18.2	1,514.06
Hospitals	666,713	5.8	483.74
Health	620,003	5.4	449.85
Highways	357,387	3.1	259.30
Police protection	31,656	0.3	22.97
Correction	191,030	1.7	138.60
Natural resources	97,119	0.8	70.47
Parks and recreation	110,006	1.0	79.82
Government administration	417,053	3.6	302.60
Interest on general debt	361,208	3.1	262.08
Other and unallocable	1,679,186	14.6	1,218.35
Utility expenditure	5,151	0.0	3.74
Insurance trust expenditure	1,507,373	13.1	1,093.69
Exhibit: General expenditure	9,963,247	100.0	7,228.91
Intergovernment expenditure	207,988	2.1	150.91
Direct expenditure	9,755,259	97.9	7,078.00
Debt at end of fiscal year	7,912,833	100.0	5,741.21
Cash and security holdings	15,603,693	100.0	11,321.37

1/ Based on July 1, 2011 population for Hawaii of 1,378,251. As released December 2014 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, 2014 (NST-EST2014-01).

Source: U.S. Census Bureau, Governments Division, 2011 State Government Finances (January 23, 2014) <<http://www2.census.gov/govs/state/11statastex.xls>> accessed March 9, 2015 and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.28-- HAWAII STATE GOVERNMENT FINANCES, TOTAL AND PER CAPITA: 2012**

[Amount in thousands of dollars, per capita in dollars. For fiscal year ending June 30.  
Per capita revised from previous *Data Book*]

Category	Amount	Percent distribution	Per capita 1/
Total revenue	10,600,634	100.00	7,611.21
General revenue	9,988,555	94.2	7,171.74
Intergovernmental revenue	2,357,724	22.2	1,692.84
Taxes	5,516,146	52.0	3,960.57
General sales	2,697,951	25.5	1,937.12
Selective sales	883,701	8.3	634.49
License taxes	258,795	2.4	185.81
Individual income	1,540,746	14.5	1,106.25
Corporate income	80,256	0.8	57.62
Other taxes	54,697	0.5	39.27
Current charges	1,580,859	14.9	1,135.05
Miscellaneous general revenue	533,826	5.0	383.28
Insurance trust revenue	612,079	5.8	439.47
Total expenditure	11,565,554	100.00	8,304.02
General expenditure, by function	10,097,693	87.3	7,250.10
Education	3,502,973	30.3	2,515.12
Public welfare	1,988,186	17.2	1,427.51
Hospitals	753,463	6.5	540.98
Health	492,387	4.3	353.53
Highways	405,475	3.5	291.13
Police protection	30,364	0.3	21.80
Correction	198,207	1.7	142.31
Natural resources	95,578	0.8	68.62
Parks and recreation	92,298	0.8	66.27
Government administration	387,954	3.4	278.55
Interest on general debt	338,595	2.9	243.11
Other and unallocable	1,812,213	15.7	1,301.16
Utility expenditure	11,940	0.1	8.57
Insurance trust expenditure	1,455,921	12.6	1,045.35
Exhibit: General expenditure	10,097,693	100.00	7,250.10
Intergovernment expenditure	194,791	1.93	139.86
Direct expenditure	9,902,902	98.07	7,110.24
Debt at end of fiscal year	8,398,012	100.00	6,029.74
Cash and security holdings	15,991,100	100.00	11,481.54

1/ Based on July 1, 2012 population for Hawaii of 1,392,766. As released December 30, 2014 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, 2014 (NST-EST2014-01).

Source: U.S. Census Bureau, Governments Division, 2012 State Government Finances (January 22, 2015) <<http://www2.census.gov/govs/state/12statess.xls>> accessed March 9, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.29-- HAWAII STATE GOVERNMENT FINANCES, TOTAL AND PER CAPITA: 2013**

[Amount in thousands of dollars, per capita in dollars. For fiscal year ending June 30]

Category	Amount	Percent distribution	Per capita 1/
Total revenue	12,944,952	100.00	9,187.42
General revenue	10,825,114	83.6	7,682.91
Intergovernmental revenue	2,331,449	18.0	1,654.70
Taxes	6,092,893	47.1	4,324.31
General sales & gross receipts	2,944,487	22.7	2,089.79
Selective sales & gross receipts	987,733	7.6	701.02
License taxes	230,189	1.8	163.37
Individual income	1,735,718	13.4	1,231.89
Corporate net income	123,661	1.0	87.77
Other taxes	71,105	0.5	50.47
Current charges	1,626,827	12.6	1,154.61
Miscellaneous general revenue	773,945	6.0	549.29
Insurance trust revenue	2,119,838	16.4	1,504.51
Total expenditure	11,477,711	100.00	8,146.07
General expenditure, by function	10,098,104	88.0	7,166.92
Education	3,404,040	29.7	2,415.95
Public welfare	2,098,924	18.3	1,489.67
Hospitals	799,790	7.0	567.63
Health	494,927	4.3	351.26
Highways	409,269	3.6	290.47
Police protection	34,307	0.3	24.35
Correction	200,984	1.8	142.64
Natural resources	113,135	1.0	80.30
Parks and recreation	95,856	0.8	68.03
Government administration	413,238	3.6	293.29
Interest on general debt	349,062	3.0	247.74
Other and unallocable	1,684,572	14.7	1,195.59
Utility expenditure	5,564	0.0	3.95
Insurance trust expenditure	1,374,043	12.0	975.20
Exhibit: General expenditure	10,098,104	100.0	7,166.92
Intergovernment expenditure	220,844	2.2	156.74
Direct expenditure	9,877,260	97.8	7,010.19
Debt at end of fiscal year	8,318,403	100.00	5,903.82
Cash and security holdings	16,242,691	100.00	11,527.92

1/ Based on July 1, 2013 population for Hawaii of 1,408,987. As released in December, 2014 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, 2014 (NST-EST2014-01).

Source: U.S. Census Bureau, Governments Division, 2013 State Government Finances (February 3, 2015) <<http://www.census.gov/govs/state/>> accessed March 9, 2015;

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

**Table 9.30-- STATE GOVERNMENT EXPENDITURES, GOVERNMENTAL FUNDS, BY FUNCTION: 2010 TO 2014**

[In thousands of dollars. For fiscal year ending June 30. Table reflects changes in fund balances, governmental funds]

Function	2010	2011	2012	2013	2014
Total expenditures	8,429,715	8,476,625	8,600,890	9,103,240	9,829,887
Current	8,001,540	8,018,644	8,013,130	8,415,591	9,092,589
General government	436,290	487,848	487,596	408,538	543,129
Public safety	457,058	423,716	454,957	432,024	519,954
Highways	442,971	376,780	414,629	418,991	403,559
Conservation of natural resources	88,873	93,600	98,428	92,601	108,703
Health	801,923	757,482	729,841	779,755	828,088
Welfare	2,315,726	2,526,743	2,443,936	2,773,241	2,945,370
Lower education	2,325,066	2,208,303	2,330,130	2,358,763	2,603,774
Higher education	700,335	707,380	672,716	654,611	693,292
Other education	14,033	14,018	16,753	20,086	21,766
Culture and recreation	108,536	117,306	109,974	107,940	107,846
Urban redevl. & housing 1/	115,796	73,789	48,484	66,243	65,228
Economic devel. & assistance	166,320	158,104	147,445	157,468	158,379
Housing 1/	24,153	61,352	46,133	112,614	63,683
Other 1/	4,460	12,223	12,108	32,716	29,818
Debt service	428,175	457,981	587,760	687,649	737,298
Principal	179,624	191,244	313,721	399,382	458,983
Interest and others	248,551	266,737	274,039	288,267	278,315

1/ 'Housing' was a new category in 2013 with the amount reallocated from 'Other' in 2010 and 2012 and 'Urban redevelopment & housing' in 2011.

Source: Hawaii State Department of Accounting and General Services, *Comprehensive Annual Financial Report For The Fiscal Year Ended June 30, 2014* (pp. 142-143)

<<http://ags.hawaii.gov/wp-content/uploads/2012/09/soh-cafr-20140630.pdf>> accessed March 9, 2015.



**Table 9.31-- STATE GOVERNMENT REVENUES, GOVERNMENTAL FUNDS: 2010 TO 2014**

[In thousands of dollars. For fiscal year ending June 30. Table reflects changes in fund balances, governmental funds]

Function	2010	2011	2012	2013	2014
Total revenues	7,623,018	8,239,489	8,264,770	9,024,984	9,125,004
Total taxes	4,368,686	4,770,498	5,358,949	5,805,273	5,698,633
General excise	2,279,310	2,507,980	2,774,636	2,991,792	2,816,346
Net income - corp. & personal	1,408,965	1,473,188	1,633,412	1,804,409	1,840,963
Public service companies	157,661	117,940	150,528	163,930	166,179
Transient accommodations	32,635	60,839	138,529	186,377	188,721
Tobacco and liquor	149,596	173,851	170,824	161,066	155,990
Liquid fuel	82,780	91,265	88,842	87,645	88,707
Insurance companies' premiums	105,848	140,586	119,472	133,585	139,074
Vehicle weight and registration	58,659	59,476	98,187	121,605	124,686
Rental motor/tour vehicle surcharge	40,401	43,892	106,417	52,112	42,853
Franchise	20,666	33,682	7,229	22,673	38,983
Other	32,165	67,799	70,873	80,079	96,131
Non-taxes	3,254,332	3,468,991	2,905,821	3,219,711	3,426,371
Interest and investment (loss) income	124,518	55,854	5,347	25,502	13,163
Charges for current services	364,893	348,108	337,765	369,269	363,791
Intergovernmental	2,432,369	2,567,266	2,238,639	2,372,480	2,650,876
Rentals	19,712	23,319	25,421	28,633	31,846
Fines, forfeitures, and penalties	35,982	34,712	35,083	36,802	33,087
Licenses and fees	36,641	41,557	46,390	46,839	47,209
Revenues from private sources	57,850	54,857	65,085	104,670	112,916
Other	182,367	343,318	152,091	235,516	173,483

Source: Hawaii State Department of Accounting and General Services, *Comprehensive Annual Financial Report For The Fiscal Year Ended June 30, 2014* (p. 142-150)  
 <<http://ags.hawaii.gov/wp-content/uploads/2012/09/soh-cafr-20140630.pdf>> accessed March 9, 2015.

**Table 9.32-- LOCAL GOVERNMENT REVENUES: 2012**

[Data 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	3,389,082	2,412,211	939,559	38,159
General revenue	3,049,370	2,195,211	816,847	38,159
Intergovernmental revenue	513,458	314,318	181,497	18,490
From Federal gov't	279,377	218,849	60,512	16
From State gov't	234,081	95,055	120,985	18,041
From local gov'ts	-	414	-	433
Gen. rev. from own sources	2,535,912	1,880,893	635,350	19,669
Taxes	1,894,681	1,316,440	578,241	-
Property	1,310,590	813,319	497,271	-
Sales & gross receipts	393,167	341,519	51,648	-
General sales tax	190,665	190,665	-	-
Selective sales	202,502	150,854	51,648	-
Motor fuel	61,467	49,225	12,242	-
Public utilities	141,035	101,629	39,406	-
Motor vehicle license	154,154	139,322	14,832	-
Other taxes	36,770	22,280	14,490	-
Charges & misc. gen. rev.	641,231	564,453	57,109	19,669
Current charges	565,489	525,888	38,713	888
Highways	4,364	4,364	-	-
Parking facilities	8,521	8,459	62	-
Natural resources	12	-	-	12
Parks & recreation	30,848	28,426	2,422	-
Housing & comm. dev.	1,728	1,154	574	-
Sewerage	377,159	363,594	13,565	-
Solid waste mgt.	128,805	116,154	12,651	-
Other charges	14,052	3,737	9,439	876
Misc. general rev.	75,742	38,565	18,396	18,781
Interest earnings	7,769	4,718	2,972	79
Special assessments	17,159	15,214	1,945	-
Sale of property	350	183	167	-
Other gen. revenue	50,464	18,450	13,312	18,702
Utility revenue	339,712	217,000	122,712	-
Water supply	280,595	159,508	121,087	-
Transit	59,117	57,492	1,625	-

1/ Hawaii statutes allow creation thereof but only Office of Hawaiian Affairs and soil and water conservation districts are counted as governments. See also *Individual State Descriptions: 2012* <<http://www2.census.gov/govs/cog/2012isd.pdf>>.

Source: U.S. Census Bureau, "LGF002 State & Local Government Finances by Level and Type of Government and by State: Hawaii 2012" <[http://thedataweb.rm.census.gov/TheDataWeb\\_HotReport2/stateandlocalfinance/stateandlocalfinance.html?YEAR4=2012&STATE=13](http://thedataweb.rm.census.gov/TheDataWeb_HotReport2/stateandlocalfinance/stateandlocalfinance.html?YEAR4=2012&STATE=13)> accessed January 7, 2015.

**Table 9.33--LOCAL GOVERNMENT EXPENDITURES: 2012**

[Data are rounded to thousands of dollars. For fiscal year ending June 30. Based on sample]

<b>Subject</b>	<b>Total</b>	<b>City &amp; County of Honolulu</b>	<b>Other counties</b>	<b>Special district 1/</b>
Expenditure	3,337,157	2,324,071	969,842	43,255
Intergov't expenditure	-	-	-	11
Direct expenditure	3,337,157	2,324,071	969,842	43,244
Current operations	2,199,968	1,380,219	777,030	42,719
Capital outlay	927,939	768,394	159,020	525
Construction	797,589	685,570	112,014	5
Other capital outlay	130,350	82,824	47,006	520
Interest on debt	209,250	175,458	33,792	-
Exhibit: Salaries and wages	777,271	464,555	302,704	10,012
	3,337,157	2,324,071	969,842	43,244
Direct expenditure by function	3,337,157	2,324,071	969,842	43,244
Direct general expenditure	2,411,817	1,553,966	814,607	43,244
Capital outlay	489,556	367,467	121,564	525
Other direct general exp.	1,922,261	1,186,499	693,043	42,719
Education services	-	-	-	-
Education	-	-	-	-
Elem. & secondary	-	-	-	-
Libraries	-	-	-	-
Social serv. & income maint.	58,718	-	58,718	-
Public welfare	33,688	-	33,688	-
Vendor payments	8,658	-	8,658	-
Other public welfare	25,030	-	25,030	-
Health	24,340	24,340	-	-
Transportation	196,320	125,559	70,761	-
Highways	195,758	124,997	70,761	-
Capital outlay	116,337	83,730	32,607	-
Parking facilities	562	562	-	-
Public safety	558,125	347,810	210,315	-
Police protection	358,770	242,433	116,337	-
Fire protection	194,866	105,377	89,489	-
Prot. insp. & regulation	4,489	-	4,489	-

Continued on next page.

**Table 9.33-- LOCAL GOVERNMENT EXPENDITURES: 2012-- Con.**

<b>Subject</b>	<b>Total</b>	<b>City &amp; County of Honolulu</b>	<b>Other counties</b>	<b>Special district 1/</b>
Environment and housing	815,797	644,071	171,171	555
Natural resources	792	229	8	555
Capital outlay	229	229	-	-
Parks and recreation	173,645	118,723	54,922	-
Capital outlay	31,216	25,354	5,862	-
Housing & comm. dev.	90,437	57,942	32,495	-
Sewerage	244,420	224,214	20,206	-
Capital outlay	123,137	117,585	5,552	-
Solid waste management	306,503	242,963	63,540	-
Capital outlay	108,644	98,191	10,453	-
Gov't admin.	340,331	124,093	216,238	-
Financial administration	120,817	34,225	86,592	-
Judicial and legal	64,265	23,540	40,725	-
General public buildings	66,528	35,435	31,093	-
Other gov't admin.	88,721	30,893	57,828	-
Interest on general debt	196,717	166,786	29,931	-
General expenditure, n.e.c.	246,499	121,307	82,503	42,689
Misc. comm. activities	1,129	-	1,129	-
Other and unallocable	245,370	121,307	81,374	42,689
Utility expenditure	925,340	770,105	155,235	-
Capital outlay	438,383	400,927	37,456	-
Water supply	278,233	137,522	140,711	-
Transit	647,107	632,583	14,524	-
Debt outstanding	5,626,998	4,701,881	925,117	-
Short-term	33,000	-	33,000	-
Long-term	5,593,998	4,701,881	892,117	-
Long-term debt issued	29,052	-	29,052	-
Long-term debt retired	616,293	598,089	18,204	-
Long-term debt retired	483,636	410,961	72,675	-
Cash and security holdings	2,949,382	1,847,933	743,069	358,380
Other than insurance trust funds	2,949,382	1,847,933	743,069	358,380
Offsets to debt	304,640	40,789	263,851	-
Bond funds	169,608	45,354	124,254	-
Other	2,475,134	1,761,790	354,964	358,380

1/ Hawaii statutes allow creation thereof but only Office of Hawaiian Affairs and soil and water conservation districts are counted as governments. See also *Individual State Descriptions: 2012* <<http://www2.census.gov/govs/cog/2012isd.pdf>>.

Source: U.S. Census Bureau, "LGF002 State & Local Government Finances by Level and Type of Government and by State: Hawaii 2012" <[http://thedataweb.rm.census.gov/TheDataWeb\\_HotReport2/stateandlocalfinance/stateandlocalfinance.html?YEAR4=2012&STATE=13](http://thedataweb.rm.census.gov/TheDataWeb_HotReport2/stateandlocalfinance/stateandlocalfinance.html?YEAR4=2012&STATE=13)> accessed January 7, 2015.

**Table 9.34-- NUMBER OF EXEMPTIONS AND ADJUSTED GROSS INCOME  
REPORTED ON INDIVIDUAL FEDERAL INCOME TAX RETURNS:  
TAX YEARS 1980 TO 2012**

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
2012	665,320	1,272,430	36,814,360	55,333	28,932

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 July 14, 2014; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.35-- ADJUSTED GROSS INCOME AND INCOME TAX, BY SIZE OF ADJUSTED GROSS INCOME, FOR INDIVIDUAL FEDERAL INCOME TAX RETURNS: TAX YEARS 2010 TO 2012**

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)
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 \$1 2/	14,425	-707,557	2,231	4,530	2,030
\$1 under \$50,000	413,770	9,163,795	256,469	489,387	1,908
\$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
2012					
All returns 3/	665,320	36,814,360	492,520	4,245,984	8,621
Under \$1 2/	12,890	-729,429	2,210	4,364	1,975
\$1 under \$50,000	409,710	9,187,194	255,930	489,115	1,911
\$50,000 under \$75,000	93,820	5,764,409	88,520	493,490	5,575
\$75,000 under \$100,000	59,260	5,130,009	57,370	486,638	8,482
\$100,000 under \$200,000	72,430	9,600,176	71,360	1,178,428	16,514
\$200,000 under \$500,000	14,420	4,032,350	14,380	771,943	53,682
\$500,000 or more	2,770	3,829,650	2,770	822,006	296,753

1/ Filed in following year.

2/ Includes returns with adjusted gross deficit. Beginning with 2011 shown explicitly in 'Under \$1'.

3/ Sum for both 'Number of returns' categories is 20 higher than 'Total' shown.

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 July 14, 2014; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.36-- FEDERAL INDIVIDUAL INCOME TAX RETURNS, SELECTED INCOME AND TAX ITEMS:  
TAX YEAR 2011 AND 2012**

[Money amounts in thousands of dollars unless otherwise noted. State totals do not include deleted ZIP code totals. The 2009 and 2010 reports have recently been released and will be updated here later in 2015]

Adjusted gross income size (dollars)	No. of returns	No. of exemptions	Adjusted gross income	Salaries and wages		Taxable interest		Total tax liability	
				No. of returns	Amount	No. of returns	Amount	No. of returns	Amount
Total - 2011	647,417	1,250,376	35,077,651	534,812	24,677,861	266,889	369,043	483,345	3,869,351
1 under 25,000	242,830	348,878	2,974,356	185,469	2,294,200	56,513	35,912	113,382	98,083
25,000 under 50,000	170,840	322,783	6,187,858	148,543	5,024,132	58,826	41,338	143,045	391,258
50,000 under 75,000	92,574	205,164	5,687,535	78,456	4,286,855	49,228	43,626	87,683	488,361
75,000 under 100,000	58,108	147,234	5,026,863	50,054	3,731,031	37,085	39,646	56,810	481,756
100,000 under 200,000	68,075	186,481	8,991,230	59,718	6,432,903	51,857	76,104	67,468	1,125,262
200,000 or more	14,990	39,836	6,209,809	12,572	2,908,740	13,380	132,417	14,957	1,284,631
Total - 2012	652,170	1,252,850	37,371,093	538,570	25,582,294	243,590	295,214	490,130	4,206,089
1 under 25,000	237,430	334,500	2,942,483	181,600	2,282,857	47,680	26,135	112,360	97,285
25,000 under 50,000	172,110	323,590	6,242,014	149,960	5,102,898	50,840	31,903	143,450	391,532
50,000 under 75,000	93,810	204,360	5,763,732	79,200	4,337,650	44,410	34,365	88,510	493,413
75,000 under 100,000	59,250	148,740	5,129,137	50,560	3,784,309	34,600	30,985	57,360	486,451
100,000 under 200,000	72,490	196,590	9,623,662	63,040	6,829,389	51,280	63,550	71,420	1,182,456
200,000 or more	17,080	45,070	7,670,065	14,210	3,245,191	14,780	108,276	17,030	1,554,952

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 2011"; and Ibid. "Tax Year 2012"

<[http://www.irs.gov/uac/SOI-Tax-Stats-Individual-Income-Tax-Statistics-ZIP-Code-Data-\(SOI\)](http://www.irs.gov/uac/SOI-Tax-Stats-Individual-Income-Tax-Statistics-ZIP-Code-Data-(SOI))> accessed March 9, 2015.

**Table 9.37-- FEDERAL INDIVIDUAL INCOME TAX RETURNS, SELECTED INCOME AND TAX ITEMS,  
BY SELECTED ZIP CODES: TAX YEAR 2012**

[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. The 2009 and 2010 reports have recently been released and will be updated here later in 2015]

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	652,170	1,252,850	387,870	37,371,093	538,570	25,582,294	243,590	295,214	490,130	4,206,089
96816	26,270	44,530	10,870	1,880,851	20,050	1,107,977	13,110	22,046	20,890	260,335
96734	23,300	45,940	13,220	1,766,009	18,990	1,193,371	10,890	13,587	18,450	228,481
96821	9,790	17,830	4,310	1,335,375	6,970	640,010	6,200	19,061	8,100	221,647
96822	21,400	34,760	7,690	1,476,838	16,630	909,544	10,450	15,358	17,310	206,457
96744	27,710	51,790	14,720	1,772,118	22,380	1,224,638	12,750	10,988	22,130	203,013
96825	15,220	28,760	7,440	1,396,799	11,510	846,275	8,920	13,927	12,650	195,262
96789	25,960	52,600	16,610	1,788,864	22,230	1,352,290	12,840	8,480	21,070	188,945
96817	27,460	49,990	14,730	1,362,250	22,150	914,143	9,960	11,012	19,790	156,240
96701	21,300	38,920	10,620	1,338,501	17,240	915,950	10,140	8,147	17,060	155,454
96815	15,510	23,190	3,930	1,085,124	12,180	608,674	6,230	13,271	12,750	144,653
96797	35,250	71,350	24,500	1,671,761	31,540	1,366,758	11,250	5,419	25,440	141,639
96813	12,130	19,920	4,670	947,254	9,600	533,724	5,320	17,082	9,560	140,711
96706	29,040	63,110	23,090	1,536,727	26,520	1,312,616	8,540	3,254	21,450	128,022
96707	17,970	38,710	14,040	1,097,185	16,330	906,301	5,950	3,595	13,840	107,717
96720	21,540	41,940	13,530	1,041,484	17,050	695,675	8,650	7,445	15,030	105,737
96814	10,450	16,410	3,200	692,803	8,240	434,889	4,450	9,431	8,400	100,566
96818	21,910	48,980	17,220	1,123,821	19,360	916,216	7,930	5,174	16,010	99,262
96782	18,610	35,340	10,180	988,558	14,590	675,421	8,300	5,946	14,390	93,235
96819	23,430	46,750	16,630	979,366	20,360	741,745	6,140	5,066	15,550	87,542
96753	12,420	22,170	5,940	723,370	9,930	439,456	3,880	9,724	9,860	83,526

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 2012" <[http://www.irs.gov/uac/SOI-Tax-Stats-Individual-Income-Tax-Statistics-ZIP-Code-Data-\(SOI\)](http://www.irs.gov/uac/SOI-Tax-Stats-Individual-Income-Tax-Statistics-ZIP-Code-Data-(SOI))> accessed April 10, 2015.



**Table 9.38-- SELECTED CHARACTERISTICS OF INDIVIDUAL FEDERAL INCOME TAX RETURNS: TAX YEAR 2011 AND 2012**

Subject	2011		2012	
	Number of returns	Amount (\$1,000)	Number of returns	Amount (\$1,000)
All returns and adj. gross income (AGI) 1/	661,948	34,372,459	665,320	36,814,360
Salaries and wages	538,133	24,758,469	541,880	25,693,038
Taxable interest income	272,326	385,752	248,710	353,437
Ordinary dividends	136,917	649,464	138,580	811,808
Business or prof. net income (less loss)	98,203	1,381,426	99,950	1,501,567
Farm returns	5,667	(NA)	5,580	(NA)
Net capital gain (less loss)	100,946	1,047,695	104,240	1,759,512
Taxable indiv. retire. arrangements distrib.	59,316	915,092	60,420	971,396
Taxable pensions and annuities	133,112	3,326,972	135,840	3,480,554
Unemployment compensation	47,993	407,812	44,340	340,156
Taxable social security benefits	84,081	1,081,972	88,210	1,187,486
Self-employment (keogh) retirement plans	4,912	94,214	4,920	100,165
Exemptions	1,270,737	(NA)	1,272,430	(NA)
Itemized deductions	206,481	5,247,455	203,620	5,258,810
State and local income taxes	173,974	1,179,609	172,300	1,292,801
State and local general sales tax	27,580	39,997	26,420	29,748
Real estate taxes	158,983	300,839	156,350	299,659
Total taxes paid	205,215	1,541,510	202,440	1,663,798
Home mortgage interest paid	149,684	2,159,886	146,560	2,015,173
Contributions (Charitable contributions)	167,891	579,539	165,280	625,856
Taxable income	509,224	22,711,391	517,470	24,815,336
Total tax credits	212,037	324,575	215,160	383,742
Residential energy tax credit	15,157	59,816	20,680	115,666
Child tax credit	104,523	130,589	103,770	128,975
Child (and dependent) care credit	28,770	14,177	28,750	14,247
Earned income credit	114,700	235,605	114,580	240,483
Excess earned income credit (refundable)	98,820	212,903	98,490	217,055
Alternative minimum tax	12,238	82,904	13,030	101,733
Total tax payments	622,686	5,007,081	627,120	5,351,568
Income tax (before credits)	506,184	3,979,657	514,380	4,397,814
Tax liability	485,624	3,874,035	492,520	4,245,984
Tax due at time of filing	114,189	378,322	117,870	444,101
Overpayments (negative amount)	498,575	1,309,135	500,410	1,326,937

NA Not available.

1/ 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 2011 <<http://www.irs.gov/pub/irs-soi/11in12hi.xls>> accessed June 12, 2013; and Ibid. Tax Year 2012 <<http://www.irs.gov/pub/irs-soi/12in12hi.xls>> accessed July 14, 2014.

**Table 9.39-- INTERNAL REVENUE SERVICE OPERATIONS: 2009 TO 2014**

[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	2009	2010	2011	2012	2013	2014
Total number of returns filed	1,120,099	1,076,845	1,087,893	1,082,377	1,109,435	1,108,736
Individual income tax 1/	660,232	645,560	651,371	658,626	667,040	675,858
Estate and trust income tax	13,940	13,817	14,013	13,891	14,224	14,129
Partnership tax	11,807	11,555	11,737	11,762	12,181	12,239
Corporate income tax 2/	28,982	28,374	27,836	28,025	28,242	27,299
Estate tax	345	231	69	163	173	163
Gift tax	1,475	1,339	1,195	1,371	1,596	1,515
Employment taxes	125,199	124,710	121,726	120,345	121,027	120,548
Excise taxes	1,343	1,315	776	1,769	1,271	1,332
Other 3/	276,776	249,944	259,170	246,425	263,681	255,653
Total no. of returns filed electronically	406,898	432,224	514,183	566,309	602,823	632,712
Individual income tax 1/	361,709	379,403	444,090	485,395	507,466	530,129
Estate and trust income tax	1,724	2,148	6,712	7,736	8,361	8,777
Partnership tax	1,978	2,288	3,441	4,650	5,583	6,400
Corporate income tax 2/	3,356	4,364	6,920	9,161	10,617	12,006
Employment taxes	21,753	22,663	23,904	24,879	26,436	27,695
Other 4/	16,378	21,358	29,116	34,488	44,360	47,705
Total number of refunds issued 1/	576,105	544,826	543,583	550,994	549,605	536,883
Business income tax	3,540	3,874	3,266	2,851	2,502	2,097
Individual income tax 5/	431,944	532,962	530,129	538,380	539,181	528,732
Economic stimulus payments 6/	131,649	(X)	(X)	(X)	(X)	(X)
Employment taxes	8,520	7,489	9,847	9,378	7,605	5,798
Estate tax	92	71	32	20	(D)	18
Gift tax	18	16	15	19	(D)	8
Excise taxes	342	414	294	346	293	230
Total amount of refunds issued (\$1,000)	1,440,194	1,502,019	1,599,606	1,433,423	1,474,782	1,452,114
Business income tax	109,857	107,095	238,435	91,421	112,278	87,680
Individual income tax 5/	1,253,841	1,377,198	1,345,977	1,331,303	1,350,194	1,354,430
Employment taxes	7,864	10,944	10,546	8,656	8,011	5,962
Economic stimulus payments 6/	59,459	(X)	(X)	(X)	(X)	(X)
Estate tax	7,970	5,008	3,717	822	(D)	1,348
Gift tax	248	633	40	120	(D)	10
Excise taxes	956	1,141	891	1,101	1,347	2,685

Continued on next page.

**Table 9.39-- INTERNAL REVENUE SERVICE OPERATIONS: 2009 TO 2014 -- Con.**

D Not shown to avoid disclosure of information about specific taxpayers. However, the data are included in the appropriate totals.

X Not applicable.

1/ The IRS reported that 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; 2014 also includes excise taxes.

5/ For 2009 to 2014, 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 24, 2015 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.40-- RESIDENT INDIVIDUAL STATE INCOME TAX RETURNS:  
TAX YEARS 1958 TO 2005 AND 2012**

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
2012	601,420	29,790,461	24,368,125	1,652,885

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 2012) and for 1994-2005 and 2012 <[http://tax.hawaii.gov/stats/a5\\_5ind\\_inc/](http://tax.hawaii.gov/stats/a5_5ind_inc/)> accessed June 18, 2015.

**Table 9.41-- NONRESIDENT INDIVIDUAL STATE INCOME TAX RETURNS:  
TAX YEARS 1958 TO 2005 AND 2012**

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
2012	77,650	907,688	1,576,147	105,730

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 2012) and for 1994-2005 <[http://tax.hawaii.gov/stats/a5\\_5ind\\_inc/](http://tax.hawaii.gov/stats/a5_5ind_inc/)> accessed June 18, 2015.

**Table 9.42-- SELECTED DATA ON RESIDENT TAX RETURNS WITH AT LEAST ONE AGE EXEMPTION: TAX YEAR 2012**

[In millions of dollars. Elderly taxpayers, 65 years of age or older, may claim an extra exemption. There was no *Hawaii Income Patterns: Individuals* report for 2006 to 2011 and the 2012 does not include all the detailed data in the 2005 and earlier reports]

Item	Taxable returns	Nontaxable returns
Number of tax returns	61,132	63,439
Hawaii adjusted gross income (AGI)	4,372	-77
Standard deductions	54	82
Itemized deductions	627	71
Taxable income	3,502	-
Tax liability before credits	255	-
Tax liability after credits	206	-14
Number of taxpayers over 65	57,876	62,663
Number of taxpayers' spouses over 65	22,713	22,392

Source: Hawaii State Department of Taxation, *Hawaii Individual Income Tax Statistics Tax Year 2012*, table 7 (November 2014) <[http://www.state.hi.us/tax/a5\\_5ind\\_inc.htm](http://www.state.hi.us/tax/a5_5ind_inc.htm)> accessed June 6, 2015.

**Table 9.43-- SOURCES OF INCOME REPORTED BY NONRESIDENT  
TAXPAYERS: TAX YEARS 1999 TO 2005**

[In dollars. There was no *Hawaii Income Patterns: Individuals* report for 2006 to 2011 and the detailed data in the 2005 and earlier reports was not available in the 2012 report to update this table]

<b>Year</b>	<b>Total</b>	<b>Salaries and wages</b>	<b>Interest</b>	<b>Ordinary dividends</b>	<b>Capital assets/ other property</b>	<b>Rents, royalties, partner- ships, S corp., estates &amp; trusts</b>	<b>All other sources</b>
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](http://hawaii.gov/tax/a5_5ind_inc.htm) accessed March 13, 2008.

**Table 9.44-- STATE INCOME TAX RESIDENT RETURNS ON INCOME RECEIVED DURING 2012, 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	601,420	29,790,461	24,368,125	1,652,885
Taxable resident returns	495,372	30,082,175	24,368,125	1,652,885
Under \$5,000	17,347	60,800	20,156	303
\$5,000 under \$10,000	38,418	290,452	151,758	3,676
\$10,000 under \$20,000	76,779	1,147,865	757,835	29,484
\$20,000 under \$30,000	71,980	1,792,215	1,326,494	64,819
\$30,000 under \$40,000	61,115	2,130,149	1,632,256	89,234
\$40,000 under \$50,000	45,888	2,051,303	1,588,546	92,464
\$50,000 under \$75,000	71,605	4,391,474	3,372,157	206,848
\$75,000 under \$100,000	44,021	3,810,709	2,931,758	189,528
\$100,000 under \$150,000	40,776	4,909,003	3,854,902	262,830
\$150,000 under \$200,000	13,684	2,336,714	1,897,288	136,945
\$200,000 under \$300,000	7,706	1,831,715	1,642,193	124,943
\$300,000 and over	6,053	5,329,776	5,192,781	451,810
Nontaxable resident returns	106,048	-291,714	(X)	(X)
Loss	13,219	-682,562	(X)	(X)
Under \$5,000	71,144	79,406	(X)	(X)
\$5,000, under \$10,000	10,606	74,937	(X)	(X)
\$10,000 and over	11,079	236,505	(X)	(X)

X Not applicable.

1/ Includes returns with negative adjusted gross income.

Source: Hawaii State Department of Taxation, *Hawaii Income Patterns, Individuals, 2012*, table A1  
 <[http://tax.hawaii.gov/stats/a5\\_5ind\\_inc/](http://tax.hawaii.gov/stats/a5_5ind_inc/)> accessed June 18, 2015.



**Table 9.45-- MEDIAN ADJUSTED GROSS INCOME OF RESIDENT STATE INCOME TAX RETURNS, BY TYPE OF RETURN, 1982 TO 2005, AND BY COUNTY, 2005**

[In dollars. There was no *Hawaii Income Patterns: Individuals* report for 2006 to 2011 and the detailed data in the 2005 and earlier reports was not available in the 2012 report to update this table]

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 9.46-- TAX CREDITS CLAIMED, BY TYPE OF CREDIT AND BY TYPE OF TAXPAYER: 2012**

[In thousands of dollars. Table in *Data Book 2013* was in dollars]

Type of credit	Total	Individuals	Corporations	Financial corporations	Insurance underwriters	Fiduciaries	Exempt organizations
<b>Total</b>	369,811	247,068	83,887	8,773	25,032	4,432	559
Active tax credits							
Promote social welfare							
Refundable food/excise	27,963	27,963	-	-	-	-	-
Low-income household renters	4,251	4,251	-	-	-	-	-
Child and dependent care	9,288	9,288	-	-	-	-	-
Child passenger restraint systems	86	86	-	-	-	-	-
Employment of vocational rehabilitation referrals	17	(D)	-	-	-	(D)	-
Low-income housing	11,367	94	(D)	(D)	5,249	-	-
School repair & maintenance	(D)	(D)	-	-	-	-	-
Lifeline telephone service	59	(X)	(X)	-	-	-	-
Encourage certain industries or econ. activities							
Fuel credit for commercial fishers	160	120	40	-	-	-	-
Motion picture, digital media & film production	12,734	300	12,434	-	-	-	-
Renewable energy technologies 1/	179,018	131,618	45,865	(D)	-	396	(D)
Enterprise zone	1,224	1,067	(D)	-	-	(D)	-
Ethanol facility	36	(D)	-	-	-	(D)	-
Important agricultural lands	-	-	-	-	-	-	-
Avoid double taxation or pyramiding of taxes							
Capital goods excise	29,584	5,469	21,955	1,646	-	244	271
Income tax paid to another state or foreign country	37,215	35,591	-	-	-	1,624	-
Expired tax credits							
Promote social welfare							
Individual development account contribution	(D)	(D)	-	-	-	-	(D)
Encourage certain industries or econ. activities							
High technology business investment	56,521	31,073	2,760	514	19,783	2,140	251
Energy conservation	(1/)	(1/)	(1/)	-	-	-	-
Hotel construction & remodeling	147	(D)	(D)	-	-	-	-
Technology infrastructure renovation	11	(D)	(D)	-	-	-	-
Residential construction & remodeling	119	(D)	(D)	-	-	(D)	-

D Data in the cell were suppressed to prevent potential disclosure of confidential taxpayer information.

X Not applicable.

1/ Data for the energy conservation tax credit are included in the renewable energy tax credit.

Source: Hawaii State Department of Taxation, *Tax Credits Claimed by Hawaii Taxpayers: 2012* (October 2014), p. 23

<<http://files.hawaii.gov/tax/stats/stats/credits/2012credit.pdf>> accessed June 18, 2015.

**Table 9.47-- GENERAL EXCISE AND USE TAX BASE AND COLLECTIONS:  
2013 AND 2014**

[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	
	2013	2014	2013	2014
All sources	91,211,295	91,682,136	2,907,622	2,979,776
Sources taxed at 4 percent	66,517,701	67,566,981	2,660,708	2,702,679
Retailing	29,667,015	30,766,185	1,186,681	1,230,647
Services	13,341,442	13,527,677	533,658	541,107
Contracting	7,329,960	7,024,044	293,198	280,962
Theater, amusement, radio, etc.	391,118	398,887	15,645	15,955
Interest	76	40	3	2
Commissions	1,108,151	1,127,368	44,326	45,095
Hotel rentals	4,069,865	4,314,087	162,795	172,563
All other rentals	6,487,392	6,482,060	259,496	259,282
Use	993,463	963,506	39,739	38,540
All others	3,129,219	2,963,125	125,169	118,525
Sources taxed at other rates 1/	24,693,594	24,115,156	121,812	118,913
Insurance solicitors	473,181	475,063	710	713
Sugar processing	-	-	-	-
Pineapple canning	-	-	-	-
Producing	392,735	336,675	1,964	1,683
Manufacturing	655,222	701,988	3,276	3,510
Wholesaling	14,795,784	15,282,809	73,979	76,414
Services (intermediary)	614,317	689,539	3,072	3,448
Use	7,762,355	6,629,083	38,812	33,145
Unallocated net collections	(2/)	(2/)	125,102	158,183

1/ Insurance solicitors at 0.15 percent; others at 0.5 percent.

2/ 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 Collections - Calendar Year Summary December 31, 2014" and "General Excise And Use Tax Base - Calendar Year Ending December 31, 2014" (Monthly 06-15-15 revised) <[http://tax.hawaii.gov/stats/a5\\_3txcolrptarchive/](http://tax.hawaii.gov/stats/a5_3txcolrptarchive/)> accessed July 7, 2015.

**Table 9.48-- TOBACCO TAX COLLECTIONS: 1994 TO 2014**

[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, 2014" 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
2013	114,677,229	\$0.16 as of July 1, 2011	7,684,824
2014	119,603,479	\$0.16 as of July 1, 2011	7,729,105

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](http://www6.hawaii.gov/tax/a5_3txcolrptarchive.htm)> accessed May 29, 2012; for 2012, accessed June 12, 2013; for 2013, accessed June 10, 2014; and for 2014, accessed May 21, 2015.

**Table 9.49-- LIQUOR TAX COLLECTIONS: 1990 TO 2014**

[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 and "Outline of the Hawaii Tax System as of July 1, 2014" issued by the Department of Taxation]

Year	Total	Year	Total
1990	42,094	2003	42,149
1991	40,125	2004	43,426
1992	40,983	2005	43,594
1993	38,286	2006	47,001
1994	38,753	2007	44,705
1995	37,486	2008	47,568
1996	38,624	2009	45,332
1997	38,624	2010	44,961
1998 1/	38,361	2011	48,433
1999	37,139	2012	48,612
2000	39,887	2013	49,197
2001	39,379	2014	49,451
2002	38,497		

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](http://www6.hawaii.gov/tax/a5_3txcolrptarchive.htm)> accessed May 21, 2015.

**Table 9.50-- STATE AND LOCAL SALES AND USE TAX REVENUE LOSSES 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 9.51-- REAL PROPERTY TAX VALUATIONS: 1986 TO 2015**

[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
2014	270,900,638	(2/)	(2/)	231,756,610
2015	293,088,510	(2/)	(2/)	251,793,531

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 by Year, "Statewide Real Property Tax Valuation for Fiscal Year 2014-2015"

<<https://www.realpropertyhonolulu.com/portal/rpadcms/Reports?parent=REPORTS>> accessed December 15, 2014; and earlier reports; and reports as the Department of Finance.

**Table 9.52-- REAL PROPERTY TAX VALUATION FOR THE STATE,  
2012 TO 2015, AND BY COUNTY, 2015**

[In thousands of dollars. For fiscal year ending June 30. Gross valuations exclude nontaxable (government) properties]

<b>Subject</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Assessor's gross valuation 1/ 2/	267,181,978	265,105,539	270,900,638	293,088,510
Land	(3/)	(3/)	(3/)	(3/)
Improvement	(3/)	(3/)	(3/)	(3/)
Exemptions 1/	38,933,413	37,104,305	37,697,576	39,744,628
Assessor's net taxable valuation	228,248,566	228,001,234	233,203,062	253,343,881
Half of valuation on appeal	1,696,447	1,389,485	1,446,451	1,550,351
Number of appeals	5,273	2,541	2,452	3,141
Valuation for tax rate purposes	226,552,118	226,611,749	231,756,610	251,793,531
Land	(3/)	(3/)	(3/)	(3/)
Improvement	(3/)	(3/)	(3/)	(3/)
Amount to be raised by taxation	1,294,535	1,300,905	1,365,637	1,506,478
<b>2015, by county</b>	<b>Honolulu</b>	<b>Maui</b>	<b>Hawaii</b>	<b>Kauai</b>
Assessor's gross valuation 1/ 2/	200,736,608	42,550,806	30,760,803	19,040,292
Land	(3/)	18,009,050	12,878,782	(4/)
Improvement	(3/)	24,541,756	17,882,021	(4/)
Exemptions 1/	25,240,105	6,117,104	5,460,399	2,927,020
Assessor's net taxable valuation	175,496,503	36,433,702	25,300,404	16,113,272
Half of valuation on appeal	1,160,953	184,591	102,353	102,454
Number of appeals	2,141	531	323	146
Valuation for tax rate purposes	174,335,550	36,249,112	25,198,051	16,010,818
Land	(3/)	16,545,743	11,997,439	(4/)
Improvement	(3/)	19,703,368	13,200,612	(4/)
Amount to be raised by taxation	931,469	235,908	231,710	107,391

1/ Beginning in 1993, data exclude nontaxable properties.

2/ 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. Assessed value for 2014 as of January 29, 2013 for Honolulu; as of February 22, 2013 for Kauai; April 19, 2013 for Maui; and June 17, 2013 for Hawaii. Assessed value for 2015 as of January 31, 2014 for Honolulu; February 20, 2014 for Kauai; April 19, 2014, for Maui; and April 21, 2014 for Hawaii County.

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'.

4/ Single rate for each class.

Source: City and County of Honolulu, Department of Budget & Fiscal Services, Real Property Assessment Division, Real Property Tax Valuations, Tax Rates, & Exemptions by Year, "Statewide Real Property Tax Valuation for Fiscal Year 2014-2015" and individual county valuations <<https://www.realpropertyhonolulu.com/portal/rpadcms/Reports?parent=REPORTS>> accessed December 15, 2014; and earlier reports; and reports as the Department of Finance.



**Table 9.53-- REAL PROPERTY TAX EXEMPTIONS, BY TYPE: 2014 AND 2015**

[For fiscal year ending June 30]

Type of exemption	2014		2015	
	Number	Amount 1/ (\$1,000)	Number	Amount 1/ (\$1,000)
All exemptions, Statewide	264,515	68,655,589	263,638	71,675,408
Federal government	597	6,188,983	611	6,648,520
State government	8,324	15,973,877	8,346	16,348,326
County government	4,000	6,030,632	3,956	6,038,609
Government leases - total	162	120,362	139	122,447
Government leases - portion	123	53,193	121	55,417
Hawaiian Homes Commission	2,045	1,441,230	2,043	968,253
Hawaiian Homes Land - basic	1,187	189,839	1,215	197,810
Hawaiian Homes Land - multiple	625	115,947	635	120,203
Hawaiian Homes Land - total land	5,373	1,595,529	5,573	1,698,095
Hawaiian Homes Land - vacant land	251	26	256	26
Hawaiian Homes - 7 year	857	314,212	987	424,380
Homes - fee (basic)	146,123	14,855,252	147,993	16,102,217
Homes - fee (multiple)	64,189	8,255,488	61,808	8,393,411
Homes - leasehold (basic)	3,428	341,087	3,376	348,766
Homes - leasehold (multiple)	1,812	252,063	1,625	239,707
In lieu of home ex - fee	2,121	362,544	2,209	381,197
In lieu of home ex - lease	95	16,100	97	16,515
Additional home exemption	1,764	204,268	1,310	145,560
Blind	418	11,506	394	10,899
Deaf	163	4,299	3,189	99,000
Leprosy	4	75	4	75
Totally disabled	6,493	184,702	3,052	82,153
Totally disabled veterans	1,837	837,420	1,955	957,789
Cemeteries	111	50,684	110	53,297
Charitable organizations	1,372	2,457,973	1,473	2,624,784
Childcare	21	1,050	18	900
Child care center, non-profit	4	17,804	4	17,853
Child care center, for-profit	7	12,503	7	12,535
Churches	1,543	2,234,950	1,551	2,379,061
Civil - condemnation	26	31,309	28	38,352
Credit unions	130	210,019	138	218,928
Crop shelters	32	3,131	32	3,165
Enterprise Zone	3	2,727	1	532
Foreign consulates	30	38,289	30	41,582

Continued on next page.

**Table 9.53-- REAL PROPERTY TAX EXEMPTIONS, BY TYPE:  
2014 AND 2015 -- Con.**

Type of exemption	2014		2015	
	Number	Amount 1/ (\$1,000)	Number	Amount 1/ (\$1,000)
Forest reserve	6	6,669	5	6,651
Historic residential properties	290	336,209	302	416,005
Historic commercial properties	7	26,645	7	27,150
Kuleana	132	62,635	138	74,238
Hospitals	86	674,851	114	799,172
Landscaping, open-space	32	22,663	28	27,274
Low-moderate income housing	421	2,005,848	340	2,030,102
Public utilities	817	1,768,178	822	1,880,604
Roadways and waterways	6,996	33,412	7,042	39,532
Safe room	48	1,920	49	1,960
Schools	230	1,121,518	237	1,185,863
Setbacks	1	292	1	298
Slaughterhouse	1	2,588	1	2,583
Taro	45	51	55	459
Tree farm	114	73,447	15	24,334
Miscellaneous	12	2,889	10	2,049
Alternate energy	4	104,247	8	348,687
Commercial alternative energy	2	1,683	3	2,122
Commercial alter. energy - in lieu	1	773	-	-
Mult. bldg. pcl. income exemption	(NA)	(NA)	175	15,964

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 "State of Hawaii - Number & Amount of Exemptions by Type & County" (annual)

<<https://www.realpropertyhonolulu.com/portal/rpadcms/Reports?parent=REPORTS>> accessed December 15, 2014.

**Table 9.54-- REAL PROPERTY TAX VALUATION, BY LAND USE CLASS:  
2014 AND 2015**

[In thousands of dollars. For fiscal year ending June 30. Assessed value for 2014 as of January 29, 2013; for Honolulu; February 22, 2013 for Kauai; April 19, 2013 for Maui; and June 17, 2013 for Hawaii; for 2015 as of January 31, 2014 for Honolulu; February 20, 2014 for Kauai; April 19, 2014, for Maui; and April 21, 2014 for Hawaii County. All counties use the land use class unless footnoted]

<b>Land use class</b>	<b>Gross valuation 1/</b>	<b>Net valuation</b>	<b>Valuation for tax rate</b>	<b>To be raised by taxation</b>
2014 - All classes	270,900,638	233,203,062	231,756,610	1,365,637
Affordable rental 2/	180,869	180,046	180,046	1,108
Residential	166,525,669	144,446,389	144,182,195	570,817
Apartment 2/ 3/	8,491,243	8,323,721	8,290,931	68,675
Commercial	21,994,137	19,456,193	19,025,505	217,915
Industrial	11,578,692	11,047,949	10,942,566	123,465
Agricultural/native forest	10,384,178	9,385,255	9,286,035	70,643
Vacant agricultural 4/	105,839	105,839	92,805	789
Conservation/preservation	1,470,287	1,356,535	1,250,942	8,958
Hotel and resort	18,709,861	18,653,693	18,270,930	196,168
Homeowner 2/ 3/	21,484,696	12,240,939	12,235,408	52,113
Homestead 5/	5,140,489	4,015,007	4,013,529	12,241
Public service 4/	795,767	2,300	2,300	-
Time share 3/	1,484,089	1,484,089	1,483,432	23,067
Commercialized resid. 3/	94,183	94,183	94,183	433
Vacation rental 5/	2,460,636	2,410,922	2,405,804	19,246
2015 - All classes	293,088,510	253,343,881	251,793,531	1,506,478
Affordable rental 2/	172,625	170,940	170,940	1,051
Residential	168,452,331	146,397,284	146,103,125	582,803
Residential A 4/	13,853,970	13,283,828	13,202,440	79,215
Apartment 2/ 3/	9,123,590	8,937,117	8,925,889	73,047
Commercial	22,562,609	19,872,105	19,586,724	224,094
Industrial	12,022,616	11,216,646	11,059,465	125,028
Agricultural/native forest	10,975,145	10,010,518	9,905,831	74,460
Vacant agricultural 4/	80,561	80,561	79,546	676
Conservation/preservation	1,406,709	1,290,682	1,192,077	8,460
Hotel and resort	21,074,239	21,013,838	20,517,628	223,988
Homeowner 2/ 3/	22,615,059	13,242,336	13,233,905	55,303
Homestead 5/	5,536,964	3,491,771	3,489,095	10,642
Public service 4/	820,217	-	-	-
Time share 3/	1,595,127	1,595,127	1,591,353	23,982
Commercialized resid. 3/	109,353	109,353	109,353	488
Vacation rental 5/	2,687,393	2,631,776	2,626,161	23,242

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 December 15, 2014.

**Table 9.55-- MAJOR REAL PROPERTY TAXPAYERS, FOR THE CITY  
AND COUNTY OF HONOLULU: 2012**

[For fiscal year ending June 30]

<b>Rank</b>	<b>Taxpayer</b>	<b>Original debit 1/ (dollars)</b>	<b>Land area (acres)</b>	<b>Gross assessed value 2/ (dollars)</b>
	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 9.56-- RESIDENTIAL PROPERTY TAX RATES IN HONOLULU AND THE MEDIAN OF 51 MAJOR CITIES: 1985 TO 2013**

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
2012	1.56	0.35	50	0.35	100.0
2013	1.40	0.35	48	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 February 2, 2015.

**Table 9.57-- REAL PROPERTY TAX RATES, BY COUNTY: 2015**

[In dollars per \$1,000 net taxable value. As of July 1, 2014. For fiscal year ending June 30]

Class	Honolulu	Kauai
Property 1/ Residential 2/ Vacation rental	3.50 (X)	6.05 8.85
Commercial	12.40	8.10
Industrial	12.40	8.10
Agricultural 3/ Preservation	5.70 5.70	6.75 (X)
Conservation	(X)	6.75
Hotel and Resort	12.90	10.85
Public Service	0.00	(X)
Vacant Agricultural	8.50	(X)
Homestead	(X)	3.05
Residential A	6.00	(X)

Class	Maui	Hawaii
Building and land Residential 2/ Apartment	5.57 6.20	10.05 10.85
Commercial	6.83	10.05
Industrial	7.07	10.05
Agricultural 3/ Conservation	5.86 6.06	9.25 10.85
Hotel and resort	9.11	10.85
Homestead	(X)	(X)
Homeowner	2.78	6.15
Time Share	15.07	(X)
Commercialized residential	4.46	(X)
Affordable rental housing	(X)	6.15

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, and Kauai consolidated classes as of July 1, 2014.

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 by Year, "Real Property Tax Rates in Hawaii Fiscal Year July 1, 2014 to June 30, 2015"

<<https://www.realpropertyhonolulu.com/portal/rpadcms/Reports?parent=REPORTS>> accessed December 15, 2014; and earlier reports; and reports as the Department of Finance.

**Table 9.58-- 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	18,985,405	26.5
1996	7,990,275	7.3	2010	20,855,223	9.8

NA Not available.

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 9.59-- FEDERAL EXPENDITURES IN HAWAII, BY TYPE: 1983 TO 2010**

[In millions of dollars. For fiscal year ending September 30]

Year	Total direct expenditures or obligations	Retirement & disability payments for individuals	Other direct payments for individuals	Direct payments for other than individuals	Grants - block, formula, project, & cooperative agreements	Procurement contracts	Salaries & wages
1983	4,013.5	961.2	291.8	14.9	475.1	534.5	1,735.9
1984	4,140.2	1,023.4	297.9	49.9	383.0	577.4	1,808.6
1985	4,575.5	1,108.1	336.1	48.4	468.0	672.4	1,942.4
1986	4,646.9	1,175.2	342.0	49.4	500.7	619.0	1,960.7
1987	4,811.9	1,260.0	357.5	55.8	540.6	525.0	2,073.1
1988	5,064.9	1,346.9	368.2	67.7	613.3	591.2	2,077.7
1989	5,570.9	1,453.3	431.1	70.1	707.3	624.3	2,284.9
1990	5,633.9	1,538.1	520.7	79.1	783.0	547.3	2,165.8
1991	6,198.1	1,660.2	589.8	83.2	786.2	760.9	2,317.9
1992	6,636.3	1,735.5	772.7	90.2	974.5	694.9	2,368.6
1993	7,283.5	1,842.6	825.3	130.9	1,357.2	742.5	2,385.0
1994	7,643.7	1,970.5	852.0	122.5	1,295.0	905.4	2,498.3
1995	7,449.5	2,043.3	1,069.2	57.4	1,192.1	777.3	2,310.2
1996	7,990.3	2,138.5	1,099.1	101.3	1,215.4	1,027.4	2,408.6
1997	8,159.3	2,261.9	1,127.6	105.8	1,256.1	1,077.3	2,330.5
1998	8,449.2	2,348.4	1,078.8	101.9	1,310.3	1,052.6	2,557.2
1999	8,659.7	2,430.5	1,077.7	122.4	1,451.7	1,141.4	2,436.1
2000	9,036.4	2,582.9	1,069.7	128.5	1,532.5	1,293.8	2,429.0
2001	9,728.8	2,798.7	1,132.5	142.1	1,663.7	1,466.9	2,525.0
2002	10,474.8	2,899.3	1,305.6	129.1	1,836.1	1,621.2	2,683.5
2003	11,269.3	3,014.1	1,344.9	157.3	1,911.0	1,978.4	2,863.7
2004	12,176.3	3,202.2	1,403.2	203.4	2,147.6	2,066.0	3,153.9
2005	12,699.3	3,318.7	1,474.1	178.1	2,167.9	2,322.3	3,238.4
2006	13,495.1	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	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

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 9.60-- 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 in *Data Book 2011* 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 9.61-- 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 undistributed
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 9.62-- FEDERAL SPENDING FOR THE UNITED STATES AND HAWAII,  
TOTAL AND PER CAPITA, BY TYPE: 2013**

[For fiscal year ending September 30. Pew Charitable Trusts undertook estimation of federal spending by state after the U.S. Census Bureau discontinued publication of the *Consolidated Federal Funds Report* after the FY2010 report. Their estimates based on data from the U.S. Bureau of Economic Analysis, USAspending.gov, U.S. Census Bureau, U.S. Office of Personnel Management, U.S. Department of Defense, and the Alaska Department of Revenue. See also <[http://www.pewtrusts.org/~media/Assets/2014/12/Federal\\_Spending\\_in\\_the\\_States\\_methodology\\_web\\_final.pdf?la=en](http://www.pewtrusts.org/~media/Assets/2014/12/Federal_Spending_in_the_States_methodology_web_final.pdf?la=en)>]

<b>Category</b>	<b>United States</b>	<b>Hawaii</b>	<b>Hawaii as percent of U.S.</b>
Total (in millions of dollars)	3,148,971	19,309	0.6
Salaries and wages	303,990	5,750	1.9
Contracts	407,277	1,898	0.5
Grants	506,475	2,881	0.6
Nonretirement benefits	870,048	3,444	0.4
Retirement benefits	1,061,181	5,336	0.5
Federal spending relative to			
Gross Domestic Product (in percent)	19.0	25.9	136.3
Salaries and wages	1.8	7.7	427.8
Contracts	2.5	2.5	100.0
Grants	3.1	3.9	125.8
Nonretirement benefits	5.3	4.6	86.8
Retirement benefits	6.4	7.2	112.5
Per capita (in dollars)	9,961	13,752	138.1
Salaries and wages	962	4,095	425.7
Contracts	1,288	1,351	104.9
Grants	1,602	2,052	128.1
Nonretirement benefits	2,752	2,453	89.1
Retirement benefits	3,357	3,801	113.2

Source: The Pew Charitable Trusts, "Federal Spending in the States, 2004 to 2013" (December 2, 2014) <<http://www.pewtrusts.org/en/research-and-analysis/issue-briefs/issue-briefs/2014/12/federal-spending-in-the-states>> accessed April 15, 2015; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.63-- RECIPIENT REPORTED AWARDS OF THE AMERICAN RECOVERY AND REINVESTMENT ACT (ARRA) OF 2009, FOR EACH OF THE 50 STATES AND THE DISTRICT OF COLUMBIA: 2009-2013**

[Cumulative data for awards and funds for February 17, 2009 to December 31, 2013 and for jobs October 1 to December 31, 2013 only. U.S. Census Bureau per capita data are as of July 1, 2010. In January 2014, Congress repealed the quarterly reporting requirement for recipients. All the recipient data was updated for the last time on May 1, 2014]

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.	277,461	271,025,053	60,079	242,684,440	270,994,437	59,849.98
Hawaii	1,281	1,434,958	1,104	1,273,426	1,452,661	726.89
Hawaii as % of total	0.5	0.5	1.8	0.5	0.5	1.2
Alabama	3,689	3,608,061	763	3,370,826	3,468,107	369.88
Alaska	3,348	2,313,871	3,264	2,055,099	2,318,989	328.40
Arizona	6,786	7,682,058	1,151	7,253,967	7,702,033	1,236.99
Arkansas	3,390	2,335,194	802	2,134,987	2,345,711	455.63
California	22,593	34,552,077	927	29,460,018	33,623,137	7,239.00
Colorado	4,842	5,614,993	1,102	4,790,282	5,682,486	4,441.42
Connecticut	3,214	2,531,886	718	2,376,273	2,517,266	237.81
Delaware	931	941,594	1,056	839,990	958,813	219.09
District of Columbia	2,730	5,976,936	9,789	4,907,042	5,580,550	1,538.86
Florida	9,148	11,023,983	590	10,063,849	11,339,575	3,659.03
Georgia	6,635	7,000,262	707	6,150,322	6,929,785	1,052.21
<b>Hawaii</b>	<b>1,281</b>	<b>1,434,958</b>	<b>1,104</b>	<b>1,273,426</b>	<b>1,452,661</b>	<b>726.89</b>
Idaho	2,279	1,699,828	1,090	1,632,463	1,740,900	218.01
Illinois	9,811	11,987,949	926	9,446,008	11,913,927	2,485.45
Indiana	4,877	4,496,611	698	4,217,812	4,437,005	544.03
Iowa	3,368	2,266,918	750	2,043,123	2,212,072	186.67
Kansas	3,208	2,320,457	817	2,097,105	2,362,115	151.57
Kentucky	4,033	3,573,839	824	3,278,380	3,605,339	1,229.80
Louisiana	3,210	3,307,791	730	3,027,881	3,326,891	735.35
Maine	2,285	1,452,393	1,106	1,408,756	1,508,109	143.88
Maryland	6,266	6,995,065	1,219	6,117,206	7,726,103	2,115.91
Massachusetts	8,458	7,619,533	1,149	6,767,731	7,778,124	1,653.02
Michigan	8,448	8,648,309	871	7,880,583	8,840,261	1,864.73
Minnesota	5,436	3,999,127	756	3,821,466	4,083,535	331.81
Mississippi	3,327	2,714,966	917	2,405,414	2,706,858	278.59
Missouri	6,243	4,931,750	820	4,661,760	4,942,597	718.51
Montana	2,911	1,522,681	1,554	1,390,035	1,522,488	421.09
Nebraska	2,545	1,332,925	736	1,285,001	1,352,120	190.79
Nevada	1,392	2,898,793	1,092	2,550,375	2,895,996	2,764.47
New Hampshire	1,460	978,083	739	916,371	991,045	130.35
New Jersey	5,357	5,438,389	623	5,003,149	5,511,653	1,015.45

Continued on next page.

**Table 9.63-- RECIPIENT REPORTED AWARDS OF THE AMERICAN RECOVERY AND REINVESTMENT ACT (ARRA) OF 2009, FOR EACH OF THE 50 STATES AND THE DISTRICT OF COLUMBIA: 2009-2013 -- 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	3,606	2,718,625	1,337	2,562,742	2,692,055	690.74
New York	18,386	17,160,343	877	15,365,955	17,105,548	2,849.12
North Carolina	6,565	7,612,259	805	6,500,343	7,647,251	2,368.18
North Dakota	2,273	1,095,491	1,676	998,883	1,063,755	396.66
Ohio	9,476	8,751,796	759	8,070,775	8,676,196	2,444.99
Oklahoma	5,972	3,023,690	812	2,847,911	3,030,603	835.15
Oregon	5,066	3,246,874	842	3,105,497	3,310,119	574.53
Pennsylvania	8,415	9,301,835	736	8,724,121	9,318,904	1,180.08
Rhode Island	1,170	1,218,625	1,153	1,074,368	1,096,838	409.49
South Carolina	4,544	4,656,401	1,013	4,436,161	4,620,238	486.72
South Dakota	2,324	1,350,973	1,647	1,294,530	1,429,931	119.26
Tennessee	7,877	5,949,266	939	5,416,772	5,905,513	1,027.85
Texas	16,129	17,169,673	681	15,603,072	17,309,951	4,231.46
Utah	2,570	2,204,644	779	2,108,947	2,223,561	192.47
Vermont	2,434	1,041,248	1,673	916,693	1,048,257	170.91
Virginia	6,483	6,417,626	807	5,756,599	6,558,261	1,054.50
Washington	10,113	8,401,486	1,245	7,309,671	8,120,801	1,394.41
West Virginia	2,324	1,804,683	989	1,667,582	1,746,548	363.69
Wisconsin	6,963	4,037,047	712	3,674,634	4,051,690	356.05
Wyoming	1,270	661,188	1,207	622,484	662,169	19.03
Addendum:						
Total	279,459	274,704,879	(NA)	245,960,267	274,767,018	63,565.00
Total of the 50 states & D.C.	279,459	274,704,879	60,794	245,960,267	274,767,018	63,565.29
Territories	277,461	271,025,053	60,079	242,684,440	270,994,437	59,849.98
Not assigned	1,716	3,626,509	715	3,223,772	3,645,724	3,711.76
	282	53,316	(NA)	52,054	126,857	3.55

NA Not available.

Source: Recovery Accountability and Transparency Board, "Recipient Reported Data, State/Territory Totals by Agency" (Updated May 1, 2014)

<<http://www.recovery.gov/arra/Transparency/RecoveryData/Pages/RecipientDataStateTotalsByAgency.aspx>> accessed June 4, 2014.

**Table 9.64-- RECIPIENT REPORTED AWARDS OF THE AMERICAN RECOVERY AND REINVESTMENT ACT (ARRA) OF 2009, FOR HAWAII AND THE UNITED STATES: 2009-2013**

[Cumulative data for awards and funds for February 17, 2009 to December 31, 2013 and for jobs October 1 to December 31, 2013 only. U.S. Census Bureau per capita data are as of July 1, 2010. In January 2014, Congress repealed the quarterly reporting requirement for recipients. All the recipient data was updated for the last time on May 1, 2014]

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.	277,461	271,025,053	60,079	242,684,440	270,994,437	59,849.98
Hawaii	1,281	1,434,958	1,104	1,273,426	1,452,661	726.89
Army Corps of Engineers	2	700	1	700	882	-
Agriculture	19	47,920	37	16,214	48,019	104.41
Commerce	39	55,578	43	53,362	53,346	85.53
Defense (exc. mil. depts)	19	9,925	8	9,897	9,925	-
Air Force	111	60,771	47	46,759	60,355	39.32
Army	258	82,556	64	69,391	73,143	10.92
Navy	73	92,104	71	91,891	92,650	-
Education	31	359,807	277	335,058	359,807	164.85
Energy	48	67,484	52	60,346	66,172	15.38
Health & Human Serv.	164	87,786	68	83,518	92,832	16.02
Homeland Security	16	42,814	33	36,231	42,886	69.42
Housing & Urban Dev.	36	46,580	36	46,537	46,580	-
Interior	106	23,738	18	23,437	23,634	-
Justice	74	20,278	16	19,143	20,861	7.70
Labor	41	19,759	15	19,644	19,759	-
Transportation	54	214,035	165	205,181	214,103	108.00
Veterans Affairs	6	1,159	1	1,155	1,159	-
Envir. Prot. Agency (EPA)	25	53,278	41	53,138	53,278	1.40
Gen. Serv. Admin.	94	111,801	86	65,210	122,921	103.94
Nat'l Foundation on the Arts and the Humanities	4	393	-	343	419	-
Nat'l Science Foundation	56	35,205	27	35,145	48,642	-
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 May 1, 2014)  
<http://www.recovery.gov/arra/Transparency/RecoveryData/Pages/RecipientDataStateTotalsByAgency.aspx>  
 accessed June 4, 2014.

**Table 9.65-- 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 9.65-- 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 9.66-- 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 Hawaii 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 disadvantaged business	Other	Small disadvantaged 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	-	-
<b>Top five agencies with place of performance in Hawaii</b>	<b>Amount</b>	<b>Top five contracting offices located in Hawaii</b>			<b>Amount</b>
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
<b>Type of selected product or service</b>	<b>Total</b>	<b>Small business</b>	<b>Other than small bus.</b>	<b>State, local &amp; tribal gov't</b>	<b>Non-profit JWOD &amp; other</b>
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.fpdnsg.com/fpr\\_reports\\_fy\\_07.html](http://www.fpdnsg.com/fpr_reports_fy_07.html)> accessed October 12, 2009.

**Table 9.67-- 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]

Area	Expenditures per dollar of taxes			Ranking	
	1995	2005	10-year change in spending per dollar of tax	1995	2005
Alabama	1.31	1.66	0.35	8	7
Alaska	1.21	1.84	0.63	17	3
Arizona	1.13	1.19	0.06	21	21
Arkansas	1.22	1.41	0.19	16	14
California	0.94	0.78	-0.16	38	43
Colorado	0.95	0.81	-0.14	34	41
Connecticut	0.68	0.69	0.01	50	48
Delaware	0.85	0.77	-0.08	41	44
District of Columbia	5.39	5.55	0.16	(X)	(X)
Florida	1.07	0.97	-0.10	24	34
Georgia	0.96	1.01	0.05	33	32
<b>Hawaii</b>	<b>1.26</b>	<b>1.44</b>	<b>0.18</b>	<b>15</b>	<b>12</b>
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

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**Table 9.67-- 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 9.68-- 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
<b>Hawaii</b>	<b>1.26</b>	<b>1.38</b>	<b>1.41</b>	<b>1.47</b>	<b>1.48</b>	<b>1.46</b>	<b>1.49</b>	<b>1.50</b>	<b>1.49</b>	<b>1.51</b>	<b>1.44</b>
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 9.68-- 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 9.69-- 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
<b>Hawaii</b>	<b>15</b>	<b>7</b>	<b>7</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>12</b>	<b>10</b>	<b>12</b>
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

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**Table 9.69-- 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 9.70-- PUBLIC BONDED DEBT OF STATE AND COUNTY GOVERNMENTS: 1985 TO 2012**

[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 3/	13,377.0	7,912.8	5,464.2	(NA)	(NA)	(NA)	(NA)
2012	14,025.0	8,398.0	5,627.0	(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.

3/ Census Bureau revised on December 16, 2014 but Hawaii data were not affected.

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 by Level of Government and by State (annual) <<http://www.census.gov/govs/local/>> accessed June 16, 2015.



**Table 9.71-- STATE GENERAL OBLIGATION BOND DEBT: 1990 TO 2014**

[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)
2013	(NA)	5,534,921	(NA)	(NA)
2014	(NA)	5,784,139	(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/accounting/annual-financial-reports/>> accessed March 9, 2015.

**Table 9.72-- GOVERNMENT WORKERS, BY LEVEL OF GOVERNMENT, CIVIL SERVICE STATUS, AND MEMBERSHIP IN STATE RETIREMENT SYSTEM: 1940 TO 2014**

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/	124,600	34,900	71,100	18,500	(NA)	71,959
2012 6/	125,500	34,900	72,100	18,500	(NA)	72,508
2013 6/	124,500	33,900	71,900	18,700	(NA)	73,538
2014 6/	125,600	33,200	73,600	18,800	(NA)	75,311

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 1961 through 2011, June 30 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 2015. 'Total' and 'State' revised for 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 1990-2014 Job Count by Industry <<http://www.hiwi.org/gsipub/index.asp?docid=421>> accessed July 23, 2015; 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 Annual Actuarial Valuation for the Year Ending June 30* <<http://ers.ehawaii.gov/resources/financials>> accessed March 3, 2015.

**Table 9.73-- FEDERAL GOVERNMENT EMPLOYMENT, BY AGENCY: 2009 to 2014**

[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	2009	2010	2011	2012	2013	2014
TOTAL	24,013	25,354	25,628	25,671	24,574	24,377
Cabinet-level	23,719	25,056	25,341	25,379	24,298	24,105
Agriculture	817	828	795	781	756	773
Commerce	396	432	438	442	426	460
Defense	17,966	19,081	19,388	19,375	18,370	18,173
Air Force	2,128	2,209	1,839	1,806	1,770	1,806
Army	5,308	5,806	5,870	5,806	5,409	5,191
Other Defense	1,042	1,112	1,078	1,085	1,047	1,041
Navy/Marine Corps	9,488	9,954	10,601	10,678	10,144	10,135
Justice	298	297	293	294	291	284
U.S. Marshall's Service	24	26	24	27	25	26
Prisons	194	192	198	198	201	194
U.S. Attorney	71	68	59	59	54	53
Labor	28	31	32	31	34	33
Energy	1	1	2	2	2	2
Education	-	-	-	-	-	-
Health & Human Services	158	164	176	175	166	169
Homeland Security 1/	1,966	1,979	1,980	1,971	1,976	1,914
U.S. Coast Guard	144	143	148	147	139	126
Immig. & Customs Enf.	82	82	90	88	89	89
Customs & Border Prot.	332	324	315	308	296	296
Trans. Security Admin.	1,328	1,337	1,324	1,333	1,362	1,317
FEMA	43	55	65	55	53	47
Housing & Urban Dev.	30	29	28	26	25	25
Interior	657	713	714	723	648	631
National Park Service	419	462	461	476	425	404
State	18	18	18	18	19	17
Transportation	412	418	407	413	398	407
Fed. Aviation Admin.	396	399	388	395	381	388
Fed. Highways Admin.	13	16	16	15	14	15
Treasury	157	163	153	143	119	120
Internal Revenue Service	155	161	151	141	118	118
Veterans Affairs	815	902	917	985	1,068	1,097
Veterans Benefits Admin.	83	88	80	86	92	99
National Cemetery Admin.	27	26	27	26	26	24
Veterans Health Admin.	683	764	783	847	925	950
Independent agencies 2/	294	298	287	292	276	272
Large	286	291	280	285	270	267
General Services Admin.	54	53	47	44	42	41
Social Security Admin.	125	133	136	131	122	129
Medium	8	7	7	7	6	5
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](http://www.fedscope.opm.gov/employment_access.asp)> accessed March 13, 2015.

**Table 9.74-- STATE GOVERNMENT EMPLOYMENT AND PAYROLL, BY FUNCTION: MARCH 2013**

[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	72,138	51,713	20,425	56,767	239,512	221,298	18,214	860,018
Financial administration	648	646	2	647	2,429	2,424	5	198
Other government admin.	762	621	141	690	2,795	2,488	307	12,354
Judicial and legal	2,489	2,447	42	2,461	10,663	10,570	93	2,704
Corrections	2,344	2,333	11	2,337	9,864	9,807	58	834
Highways	893	872	21	877	3,939	3,930	10	948
Air transportation	1,025	1,014	11	1,019	4,111	4,097	14	836
Water transport & terminals	210	210	-	210	842	842	-	-
Public welfare	432	415	17	422	1,608	1,596	13	1,292
Health	2,005	1,958	47	1,981	8,831	8,706	125	4,008
Hospitals	5,076	4,308	768	4,638	24,650	22,609	2,042	58,006
Social insurance admin.	300	276	24	287	1,101	1,060	41	1,916
Parks and recreation	648	137	511	173	585	484	101	6,436
Natural resources	801	795	6	798	3,281	3,272	10	536
Education total	50,098	31,587	18,511	35,999	148,147	133,066	15,081	746,150
Elem. & sec. total	34,721	22,003	12,718	25,166	96,822	86,036	10,786	525,052
Elem & sec instruct. empl.	28,051	16,935	11,116	19,659	81,165	71,401	9,765	452,174
Elem & sec other empl.	6,670	5,068	1,602	5,507	15,657	14,635	1,021	72,878
Higher educ. total	15,255	9,465	5,790	10,713	50,859	46,569	4,290	220,858
Higher educ. Instruct.	4,782	3,994	788	4,186	27,330	26,301	1,029	34,006
Higher educ. other	10,473	5,471	5,002	6,527	23,529	20,268	3,261	186,852
Other	122	119	3	120	467	461	6	240
Libraries	711	438	273	553	1,696	1,436	259	20,426
All other and unallocable	3,696	3,656	40	3,675	14,970	14,913	58	3,374

Source: U.S. Census Bureau, "State Government Employment and Payroll Data: March 2013" (December 19, 2014)

<<http://factfinder.census.gov/bkmk/table/1.0/en/GEP/2013/EMP009?slice=GEO~0400000US15>> accessed January 22, 2015.

**Table 9.75-- LOCAL GOVERNMENT EMPLOYMENT AND PAYROLL, BY FUNCTION: MARCH 2012**

[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	16,184	14,864	1,320	15,279	76,725	75,710	1,015	70,757
Financial administration	978	971	7	974	3,982	3,967	16	578
Other government administration	1,153	1,097	56	1,116	5,041	4,969	72	3,214
Judicial and legal	567	560	7	562	2,851	2,844	7	456
Police protection	3,859	3,711	148	3,740	23,877	23,812	65	5,014
Persons with power of arrest	2,898	2,898	-	2,898	20,755	20,755	-	-
Other police protection	961	813	148	842	3,122	3,057	65	5,014
Fire protection total	1,927	1,910	17	1,921	12,105	12,063	42	1,912
Firefighters	1,777	1,777	-	1,777	11,570	11,570	-	-
Other fire protection	150	133	17	144	534	493	42	1,912
Highways	956	944	12	949	3,615	3,598	17	820
Public welfare	190	91	99	124	430	359	71	5,916
Health	300	266	34	279	1,641	1,593	49	2,254
Solid waste management	279	270	9	275	1,072	1,062	10	780
Sewerage	2,685	1,820	865	2,076	6,800	6,226	575	42,866
Parks and recreation	12	7	5	9	30	21	9	459
Housing and community dev't	614	614	-	614	2,888	2,888	-	-
Natural resources	715	714	1	715	3,258	3,257	1	84
Water supply	951	949	2	951	4,881	4,874	8	266
Transit	97	71	26	92	316	275	40	3,654
Local libraries	3	2	1	2	7	6	1	64
All other and unallocable	898	867	31	880	3,931	3,898	34	2,420

Source: U.S. Census Bureau, "Local Government Employment and Payroll Data, By State and By Function: March 2012" (May 2014)  
 <<http://www2.census.gov/govs/apes/12locall.xls>> accessed January 7, 2015.

**Table 9.76-- PUBLIC EMPLOYEES INCLUDED IN COLLECTIVE BARGAINING UNITS: 2013**

[As of December 31]

Bar- gaining 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	60,830	12,437	7,994	2,229	2,217	1,043	21,801	1,598	7,626	3,885
1	Blue-collar nonsupervisors	8,403	1,834	1,795	532	564	362	2,196	102	520	498
2	Blue-collar supervisors	778	168	213	50	46	14	246	1	14	26
3	White-collar nonsupervisors	13,511	3,748	1,651	602	650	254	4,282	823	720	781
4	White-collar supervisors	847	257	145	39	32	16	260	53	25	20
5	Teachers & other personnel 2/	12,969	-	-	-	-	-	12,969	-	-	-
6	Educational officers 3/	826	-	-	-	-	-	826	-	-	-
7	Faculty of the University of Hawaii and the community college system	3,986	-	-	-	-	-	-	-	3,986	-
8	Personnel of the University of Hawaii and the community college system, other than faculty	2,351	-	-	-	-	-	-	-	2,351	-
9	Registered prof. nurses	1,552	382	-	-	-	-	2	3	8	1,157
10	Institutional, health and correctional workers	2,953	1,557	222	-	-	-	27	54	2	1,091
11	Firefighters	1,901	167	989	323	289	133	-	-	-	-
12	Police officers	2,861	-	1,985	410	329	137	-	-	-	-
13	Prof. & scientific employees 4/	7,892	4,324	994	273	307	127	993	562	-	312

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. 52* (April 23, 2014) <<http://labor.hawaii.gov/hlrp/find-a-report/>> accessed July 30, 2015.

**Table 9.77-- PUBLIC EMPLOYEES INCLUDED IN COLLECTIVE BARGAINING UNITS: 2014**

[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	61,086	12,773	8,181	2,286	2,101	1,119	21,714	1,607	7,519	3,786
1	Blue-collar nonsupervisors	8,479	1,893	1,846	553	566	363	2,165	100	523	470
2	Blue-collar supervisors	789	175	215	48	44	13	252	-	13	29
3	White-collar nonsupervisors	13,473	3,841	1,529	614	579	300	4,422	822	698	668
4	White-collar supervisors	841	264	139	36	31	21	254	55	26	15
5	Teachers & other personnel 2/	12,736	-	-	-	-	-	12,736	-	-	-
6	Educational officers 3/	855	-	-	-	-	-	855	-	-	-
7	Faculty of the University of Hawaii and the community college system	3,920	-	-	-	-	-	-	-	3,920	-
8	Personnel of the University of Hawaii and the community college system, other than faculty	2,328	-	-	-	-	-	-	-	2,328	-
9	Registered prof. nurses	1,560	384	-	-	-	-	2	3	9	1,162
10	Institutional, health and correctional workers	3,001	1,620	241	-	-	-	31	55	2	1,052
11	Firefighters	1,925	162	1,011	338	278	136	-	-	-	-
12	Police officers	2,917	-	2,029	413	340	135	-	-	-	-
13	Prof. & scientific employees 4/	8,110	4,434	1,019	284	263	151	997	572	-	390
14	State law enforcement officers & state & county ocean safety & water safety officers	152	-	152	-	-	-	-	-	-	-

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. 53* (May 22, 2015) <<http://labor.hawaii.gov/hlrp/find-a-report/>> accessed July 30, 2015.

**Table 9.78-- SALARIES OF SELECTED GOVERNMENT OFFICIALS:  
2002 TO 2007**

[Annual rates, in dollars, as of January 1]

<b>Government official</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
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. Dobbelle of \$442,000 was effective July 2, 2001 and was to run to June 30, 2008 but was terminated by the Board of Regents on June 15, 2004. David McClain was named interim president by the Board of Regents effective August 15, 2004 through August 14, 2006. Terms of the contract include an annual salary of \$325,000 a year, residence at College Hill, a monthly car allowance of \$326, and a year of sabbatical leave upon successful completion of the two-year appointment with compensation set at \$190,000. The Board of Regents and David McClain agreed on March 7, 2006 on a March 1, 2006 - July 31, 2009 contract including \$360,000 annual salary plus free use of Manoa's College Hill mansion; \$326 monthly auto allowance and parking; an unspecified amount of expense account while on UH business for him and wife and post-contract a \$250,000 year's sabbatical; tenured professorship at \$250,000 per school year. It also provides a severance of one-year's pay if McClain involuntarily leaves the university before the contract expires.

Source: City & County of Honolulu, Hawaii, Maui, and Kauai County Mayor's offices, ordinances and Salary Commissions records; Hawaii State Department of Business, Economic Development & Tourism telephone surveys, various Honolulu Advertiser articles, and *Honolulu Star-Bulletin* "UH, McClain sign 3-year deal", March 8, 2006.



## Section 10

# NATIONAL DEFENSE

This section presents statistics relating to the armed forces and their family members, National Guard expenditures and strength, civilian employment in national defense, veterans, land controlled by the U.S. Department of Defense (DOD), military housing, and expenditures by the armed forces. Additional information appears in sections 1, 2, 9, 12, and 23.

The Hawaii State Department of Business, Economic Development & Tourism (DBEDT) has compiled periodic reports on military personnel and dependents since 1959. Other published sources include reports of the U.S. DOD, U.S. Census Bureau, U.S. Department of Veterans Affairs, the Hawaii State Department of Labor and Industrial Relations and the Hawaii State Department of Defense. Definitions used by these sources differ to some degree, and care is necessary in comparing data issued by two or more agencies. *Historical Statistics of Hawaii*, Section 26, includes series on the armed forces dating back to 1795. Section 10 of the *Statistical Abstract of the United States: 2012* presents data on national defense and veterans affairs for other states and the U.S. as a whole.

**Table**  
**Number**   **Table Name**

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Narrative

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<a href="#">10.03</a>	Active Duty Personnel, by Service: 1953 to 2014
<a href="#">10.04</a>	Department of Defense Personnel and Dependents: 1989 to 2014
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**Table**  
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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 2014**

[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	1984	47,648	19,222	12,960	8,703	6,763
1954	23,654	7,957	6,443	4,155	5,099	1985	46,875	18,262	12,722	9,192	6,699
1955	40,258	19,821	5,211	9,677	5,549	1986	46,122	18,153	12,938	8,752	6,279
1956	37,470	16,531	5,237	9,490	6,212	1987	47,262	18,905	12,975	9,263	6,119
1957	40,683	17,511	5,466	9,608	8,098	1988	45,843	18,170	12,479	9,365	5,829
1958	35,076	14,672	4,908	8,670	6,826	1989	45,935	18,788	12,403	9,179	5,565
1959	36,310	15,438	5,309	8,470	7,093	1990	41,887	18,590	12,289	5,618	5,390
1960	35,412	15,492	5,687	7,756	6,477	1991	44,092	18,173	12,040	8,571	5,308
1961	39,474	16,945	5,774	9,679	7,076	1992	44,864	18,666	12,321	8,945	4,932
1962	41,657	17,645	6,664	9,903	7,445	1993	42,958	18,831	11,272	8,147	4,708
1963	40,610	16,589	6,545	9,950	7,526	1994	42,161	19,485	11,510	6,484	4,682
1964	45,046	18,566	6,777	10,613	9,090	1995	38,172	16,672	10,738	6,198	4,564
1965	41,984	20,006	6,700	6,154	9,124	1996	36,392	15,225	10,643	5,953	4,571
1966	30,136	8,712	6,251	4,485	10,688	1997	34,826	15,249	9,840	6,123	3,614
1967	34,338	10,923	7,041	5,277	11,097	1998	34,643	15,133	7,882	7,081	4,547
1968	42,332	10,871	14,961	5,509	10,991	1999	32,708	14,692	7,397	6,136	4,483
1969	43,018	12,918	12,652	6,361	11,087	2000	33,930	15,483	7,998	5,960	4,489
1970	38,397	9,639	11,996	7,189	9,573	2001	34,322	15,709	8,349	5,821	4,443
1971	34,515	9,738	10,392	5,319	9,066	2002	34,608	15,985	8,654	5,680	4,289
1972	39,150	13,093	10,752	6,803	8,502	2003	34,203	15,985	8,381	5,161	4,676
1973	43,809	17,336	10,729	7,695	8,049	2004	35,061	17,068	7,694	5,541	4,758
1974	42,204	17,581	10,072	7,192	7,359	2005	32,629	15,458	6,524	5,796	4,851
1975	43,071	17,312	10,852	8,403	6,504	2006	34,935	18,687	6,080	5,050	5,118
1976	43,903	18,037	10,531	9,174	6,161	2007	34,838	19,867	5,595	4,483	4,893
1977	42,835	17,476	9,647	9,783	5,929	2008	37,847	21,554	5,320	6,306	4,667
1978	43,907	18,711	10,458	8,796	5,942	2009	36,890	21,267	5,472	5,574	4,577
1979	45,408	17,446	10,562	11,397	6,003	2010	38,755	22,186	5,402	6,532	4,635
1980	43,313	17,118	10,976	9,277	5,942	2011	42,371	22,895	8,630	5,905	4,941
1981	44,141	17,962	10,948	9,070	6,161	2012	49,110	22,546	15,066	6,385	5,113
1982	44,470	17,457	11,880	8,926	6,207	2013	49,023	21,718	14,647	7,371	5,287
1983	44,651	17,466	12,671	7,926	6,588	2014	51,045	22,194	15,730	7,817	5,304

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)  
 <[https://www.dmdc.osd.mil/appj/dwp/dwp\\_reports.jsp](https://www.dmdc.osd.mil/appj/dwp/dwp_reports.jsp)> accessed March 10, 2015.

**Table 10.04-- DEPARTMENT OF DEFENSE PERSONNEL  
AND DEPENDENTS: 1989 TO 2014**

[As of September 30. Includes personnel performing civil functions, primarily those associated with the Army Corps of Engineers. Excludes Coast Guard]

<b>Year</b>	<b>Total</b>	<b>Active-duty shore-based military personnel 1/</b>	<b>Dependents of active-duty military personnel 2/</b>	<b>Direct-hire civilian personnel</b>
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
2013 3/	131,295	49,023	63,617	18,655
2014 3/ 4/	133,703	51,045	64,315	18,343

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.

4/ Civilian personnel as of June 30, 2014.

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" and "Total Civilian Personnel and Dependent End Strength By Service, Regional Area, and Country" (annual, as of September 30) <<https://www.dmdc.osd.mil/>> accessed July 25, 2015.

**Table 10.05-- DEPARTMENT OF DEFENSE PERSONNEL, BY SELECTED LOCATION:  
SEPTEMBER 30, 2009**

Installation or geographic area	Total personnel	Military personnel 1/					Civilian personnel				
		Total	Army	Navy	Marines	Air Force	Total	Army 2/	Navy/ Marine	Air Force	Other defense agencies
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 expenditures	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
<b>Hawaii</b>	<b>8,800,669</b>	<b>6,344,467</b>	<b>1,163,627</b>	<b>4,529,364</b>	<b>315,642</b>	<b>335,834</b>	<b>2,377,271</b>	<b>78,931</b>
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]

<b>Personnel or expenditure</b>	<b>Total</b>	<b>Army</b>	<b>Navy &amp; Marine Corps</b>	<b>Air Force</b>	<b>Other defense activities</b>
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**

<b>Contractor name</b>	<b>Amount</b>	<b>Contractor name</b>	<b>Amount</b>
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.**

<b>Major locations of expenditures</b>	<b>Total</b>	<b>Payroll outlays</b>	<b>Grants and contracts</b>
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
<b>Major locations of personnel 1/</b>	<b>Total military &amp; civilian</b>	<b>Active duty military</b>	<b>Civilian</b>
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	Construction	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]

<b>Subject</b>	<b>Amount</b>
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.**

<b>Subject</b>	<b>Amount</b>
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: 2015 AND 2016**

[For fiscal year ending September 30. Authorization amount in thousands of dollars]

<b>Year, branch and location</b>	<b>Facility category title</b>	<b>Construction project title</b>	<b>Amount</b>
TOTAL 2015			211,980
Army			96,000
Fort Shafter	Airfield operational buildings	Command and control facility (SCIF)	96,000
Navy			63,080
Kaneohe Bay	Tank & automotive maintenance facilities	Facility modif. for VMU, MWSD, & CH53E	51,182
Kaneohe Bay	Roads	Road and infrastructure improvements	2,200
Pearl Harbor	Training buildings	Submarine maneuvering room trainer facility	9,698
Defense Logistics Agency			52,900
Joint Base Pearl Harbor-Hickam	Operating fuel storage facilities	Replace fuel tanks	3,000
Joint Base Pearl Harbor-Hickam	Misc utilities-linear feet	Upgrade fire supression & ventilation sys.	49,900
TOTAL 2016			444,031
Navy			152,122
Barking Sands	Electric Power Transmission & Dist Lines	PMRF Power Grid Consolidation	30,623
Kaneohe Bay	Airfield Pavement Lighting	Airfield Lighting Modernization	26,097
Kaneohe Bay	Enlisted Personnel Unaccompanied Personnel	Bachelor Enlisted Quarters	68,092
Kaneohe Bay	Other Airfield Pavements	P-8A Detachment Support Facilities	12,429
Joint Base Pearl Harbor-Hickam	Training Buildings	Welding School Shop Consolidation	8,546
Joint Base Pearl Harbor-Hickam	Electric Power Transmission & Dist Lines	UEM Interconnect Sta C to Hickam	6,335
Air Force			46,000
Joint Base Pearl Harbor-Hickam	Airfield Operational Buildings	F-22 Fighter Alert Facility	46,000
Defense Health Agency			245,909
Kaneohe Bay	Dental Clinics	Medical/Dental Clinic Replacement	122,071
Schofield Barracks	Dispensaries & Clinics	Behavioral Health/Dental Clinic Addition	123,838

Source: U.S. Department of Defense, Office of the Under Secretary of Defense (Comptroller) Defense Budget Materials - FY2016, Military Construction, Family Housing, and Base Realignment and Closure Program (C-1) <<http://comptroller.defense.gov/budgetmaterials/budget2016.aspx>> accessed April 13, 2015.



**Table 10.11-- DEPARTMENT OF DEFENSE MILITARY PERSONNEL AND DEPENDENTS, BY SERVICE: 2005 TO 2014**

[As of September 30]

Category	All services	Army	Navy	Marine Corps	Air Force
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)
2013					
Total military and dependents 3/	112,640	(NA)	(NA)	(NA)	(NA)
Military personnel 1/	49,023	21,718	14,647	7,371	5,287
Family members 2/	63,617	(NA)	(NA)	(NA)	(NA)
2014					
Total military and dependents 3/	115,360	(NA)	(NA)	(NA)	(NA)
Military personnel 1/	51,045	22,194	15,730	7,817	5,304
Family members 2/	64,315	(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" (annual) <<https://www.dmdc.osd.mil/appj/dwp/reports.do?category=reports&subCat=milActDutReg>> accessed March 10, 2015.

**Table 10.12-- DEPARTMENT OF DEFENSE CIVILIAN PERSONNEL,  
BY SERVICE: 1982 TO 2014**

[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)
2013 2/	18,655	(NA)	(NA)	(NA)	(NA)
2014 2/	18,343	(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" (annual) <<https://www.dmdc.osd.mil/appj/dwp/reports.do?category=reports&subCat=milActDutReg>> accessed March 10, 2015.

**Table 10.13 -- IMPACT OF A \$1 BILLION MILITARY EXPENDITURE: 2014**

[Based on inter-industry relationships in 2007. Include direct, indirect, and induced impacts.  
Industries sorted for greatest output impact]

<b>Industry sector</b>	<b>Output (in millions of dollars)</b>	<b>Labor income (in millions of dollars)</b>	<b>Jobs (number)</b>
Total	1,666.8	988.9	10,630
Federal government	773.0	699.6	5,270
Real estate and rentals	164.6	7.7	299
Mining and construction	95.7	32.4	386
Health services	90.4	46.4	784
Retail trade	78.9	28.7	717
Other manufacturing	75.0	6.4	81
Professional services	64.8	39.5	439
Finance and insurance	47.8	12.8	195
Business services	39.6	23.5	518
Other services	38.0	19.1	453
Wholesale trade	29.6	11.2	149
Information	28.9	7.5	100
Eating and drinking	28.5	11.0	384
Transportation	25.5	8.3	159
Utilities	24.8	3.1	24
Accommodation	20.3	7.7	100
State and local government	13.6	10.5	133
Educational services	10.0	6.5	159
Food processing	7.0	1.5	45
Arts and entertainment	6.0	3.3	141
Agriculture	4.7	1.9	94

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/](http://dbedt.hawaii.gov/economic/reports_studies/2007-io/)>.

**Table 10.14-- FEDERAL EXPENDITURES FOR ARMY AND AIR  
NATIONAL GUARD: 2010 TO 2013**

[In dollars. For fiscal year ending September 30]

<b>Category</b>	<b>2010 1/</b>	<b>2011</b>	<b>2012</b>	<b>2013 1/</b>
Total Federal support for Army National Guard	135,601,353	119,768,046	173,116,578	135,601,353
Total funds allotted to U.S. Property & Fiscal Office				
National Guard personnel appropriations - Army				
Military pay, transportation, and travel	33,775,556	31,563,229	39,440,730	33,775,556
Military uniform	261,287	344,195	1,619,364	261,287
Subsistence	447,600	563,565	421,362	447,600
Oper. and maint., military constr. approp. - Army				
Civilian pay	25,408,617	24,163,124	25,670,514	25,408,617
Transportation and travel - personnel	2,413,852	2,561,345	2,059,245	2,413,852
Equipment, supplies, and services				
Ground operations	3,910,357	1,736,509	4,669,441	3,910,357
Air operations	1,786,786	492,685	2,162,955	1,786,786
Other operating supplies and services	15,674,758	2,584,355	9,101,905	15,674,758
Construction, repairs and utilities				
Armory construction	-	-	32,208,736	-
Architectural and engineering services	3,159,832	2,666,883	-	3,159,832
Non-armory construction	-	-	-	-
Maintenance, repairs and environmental	13,876,754	16,986,498	19,539,612	13,876,754
Utilities	1,600,673	2/ 2,284,020	2,733,947	1,600,673
Total funds provided by National Guard Bureau (Army)				
Oper. & maint. defense appropriations				
ESGR/Prev. of sexual harrasment	85,721	128,212	24,984	85,721
Army Youth CHalleNGe	3,345,000	6,094,700	4,850,000	2/ 3,345,000
Oper. & maint. - Reset	(NA)	43,371	529	545,298
AGR pay	29,302,662	29,302,662	28,613,254	29,302,662
Total Federal support for Air National Guard	197,184,250	226,930,054	217,734,522	178,299,033
Total funds allotted to U.S. Property & Fiscal Office	160,812,349	187,705,697	179,864,058	137,761,571
National Guard personnel appropriations - Air				
Deployments, transportation and travel	2,430,999	2,700,313	2,013,979	1,932,250
Military uniform	700,242	231,369	133,987	156,177
Subsistence	169,535	110,893	103,677	113,941
Oper. and maint., military constr. approp. - Air				
Civilian pay	72,992,684	74,067,346	77,611,612	76,508,691
Transportation and travel				
Personnel/deployments	3,434,253	2,771,654	1,017,981	881,520
Equipment and supplies	204,218	174,208	158,791	162,475
Equipment, supplies and services				
Equipment	295,883	120,881	220,849	22,010
Supplies	3,991,144	3,852,779	2,719,665	4,800,050
Depot level reparables	268,551	9,404	118,630	50,735
Aviation fuel	33,225,807	28,467,243	47,921,462	39,038,661
Other operating supplies and services	4,858,747	4,017,379	1,905,797	2,781,715

Continued on next page.

**Table 10.14-- FEDERAL EXPENDITURES FOR ARMY AND AIR  
NATIONAL GUARD: 2010 TO 2013 -- Con.**

Category	2010 1/	2011	2012	2013 1/
Oper. & maint., military constr. approp. - Air --Con.				
Construction repairs				
Major construction	34,316,524	62,775,049	35,625,836	3,996,039
Architectural and engineering services	424,958	-	-	-
Minor construction/major repairs	651,609	6,406,508	7,358,883	4,095,052
Operations and maintenance agreements	2,847,195	3,000,671	2,952,909	3,322,255
Total funds provided by National Guard Bureau (Air )	36,371,907	39,224,357	37,870,464	40,537,462
Annual training pay	2,328,756	3,073,399	2,597,573	3,010,583
Other active duty pay	4,103,838	4,810,549	4,222,878	3,921,118
Inactive duty training pay	14,396,833	14,632,198	14,509,333	14,630,801
Basic training pay	1,156,999	1,134,497	896,759	966,644
Active Guard Reserve pay	14,385,481	15,573,714	15,643,921	18,008,316

1/ Federal expenditures for Army National Guard reported for FY 2013 total and all components equal those reported for FY 2010 except "Maintenance, repairs and environmental". In the FY2013 the final digit is '4' but it is missing in the FY 2010. DBEDT tentatively inserted "4" in the FY2010. Clarification from DOD requested.

2/ "Utilities" in FY2012 report appears to be missing the final digit, DBEDT tentatively inserted "0" . "Army Youth CHalleNGe" in FY 2013 report appears to have an extra "0". DBEDT tentatively deleted it . Clarification requested.

Source: Hawaii Department of Defense, *Annual Report Fiscal Year* (annual)  
<<http://dod.hawaii.gov/departement-info/annual-reports/>> accessed June 27, 2015.

**Table 10.15-- ARMY AND AIR NATIONAL GUARD STRENGTH: 1980 TO 2013**

[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		
2011 1/	2/ 5,500	4/	> 3,000	> 2,500		
2012 1/	2/ 5,500	3/ 5/	2,900	2/ 6/	2,500	
2013 1/	2/ 5,500	7/	> 3,000	2/ 6/	2,500	

1/ Angled bracket open to left indicates 'greater than'.

2/ Counts approximate.

3/ Count reported as 'nearly' number shown.

4/ Authorized as of June 30, 2010.

5/ As of June 30, 2011.

6/ Authorized as of July 1.

7/ As of September, 2013.

Source: Hawaii State Department of Defense, *Annual Report Fiscal Year* (annual), Ibid. *Annual Report for Fiscal Year* (2007 to 2013) <<http://dod.hawaii.gov/department-info/annual-reports/>> accessed June 22, 2015; and records.

**Table 10.16-- CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, DEPARTMENT OF DEFENSE, AND PEARL HARBOR NAVAL SHIPYARD: ANNUAL AVERAGE, 1990 TO 2014**

[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	34,900	19,100	4,300
2012 2/	34,900	19,100	4,500
2013 2/	33,900	18,300	4,300
2014 2/	33,300	17,900	4,400

1/ New series in 2001. NAICS series data are not available previously.

2/ Data were benchmarked by DLIR in March 2015.

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 March 18, 2015.

**Table 10.17-- SELECTIVE SERVICE REGISTRATION FOR THE UNITED STATES AND HAWAII: 2007 TO 2014**

[As of September 30]

Subject	Registrants 1/	
	United States 2/	Hawaii
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
2013		
Entire registrant group, 18 - 25 years old, born 1988-1995	16,086,242	65,314
Draft eligible men, 20 - 25 years old, born 1988 - 1993	13,134,801	53,688
2014		
Entire registrant group, 18 - 25 years old, born 1989-1996	16,202,005	65,513
Draft eligible men, 20 - 25 years old, born 1989 - 1994	13,234,298	54,240

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 June 2, 2015 and records.



**Table 10.18-- 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
<b>Hawaii</b>	<b>2,307</b>	<b>38.3</b>	<b>(2/)</b>	<b>(2/)</b>	<b>134</b>	<b>34.3</b>	<b>149</b>	<b>20.1</b>
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 10.18-- 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](http://www.edtrust.org/sites/edtrust.org/files/publications/files/ASVAB_4.pdf)> accessed July 14, 2012.

**Table 10.19-- 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](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](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 10.20-- 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 10.21-- 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](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 10.22-- 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]

<b>Procurement program</b>	<b>2004</b>	<b>2005</b>	<b>2006 1/</b>	<b>2007 1/</b>
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

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**Table 10.22-- 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 future *Data Book* updates of military subcontracting 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](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 10.23-- DEPARTMENT OF DEFENSE PROCUREMENT CONTRACTS  
AWARDED, BY SELECTED TYPE OF BUSINESS: 2010 TO 2014**

[In thousands of dollars unless otherwise indicated. Fiscal year ending September 30. Contracts are for Hawaii as the 'Place of Performance' which is defined as the location where the items will be produced, manufactured, mined, or grown or where the service will be performed. Contract action is any oral or written action that results in the purchase, rent, or lease of supplies or equipment, services, or construction using appropriated dollars over the micro-purchase threshold, or modifications to these actions regardless of dollar value. See also <[http://www.fpds-ng.com/wiki/index.php/FPDS-NG\\_FAQ](http://www.fpds-ng.com/wiki/index.php/FPDS-NG_FAQ)>. Components may not add to total or subtotal as not all are specifically shown. 2010 to 2013 revised from previous *Data Book*]

Category 1/	2010	2011	2012	2013	2014
Total contract actions (number)	34,004	35,657	31,771	16,068	17,614
Total contract actions (\$1,000)	2,363,050	2,820,614	2,549,358	1,657,007	2,156,632
Small business	1,001,660	1,058,179	1,230,465	833,230	1,005,373
Small business as share of total (%)	42.4	37.5	48.3	50.3	46.6
Small disadvantaged business	667,253	597,372	690,382	540,209	619,356
Women-owned business	144,777	217,038	157,256	147,905	164,839
HUBZone 2/	149,154	194,489	203,560	97,120	102,910
Veteran-owned	93,815	122,100	117,035	113,753	120,887
Service-disabled veteran-owned	36,620	28,477	43,065	69,836	92,900
8(a) firm	503,124	372,794	517,540	415,758	398,003
Javits-Wagner-O'Day Program	16,857	20,641	20,515	22,216	21,291
HBCU 3/	94	-	-	-	-
Educational institutions	8,176	7,944	15,967	11,551	17,717
Asian Pacific	392,166	442,308	444,227	366,118	308,517
Minority institutions	10,425	8,140	10,267	12,676	5,934
Local government	419	202	25	337	272
State government	7,501	4,374	7,530	9,005	23,952
U.S. Tribal government	-	-	-	-	-
American Indian	11,737	10,215	17,253	19,181	13,733
Native American	221,383	210,831	263,347	244,355	239,327
Indian tribe 4/	208	6,087	15,043	11,190	7,685
Native Hawaiian-owned	158,632	148,491	260,032	214,452	142,164
Tribally-owned	408	8,719	15,219	13,893	62,680
Alaskan Native-owned	25,522	27,965	33,369	30,716	94,751
Asian Indian	39,654	10,372	17,403	3,536	22,547
Minority-owned	780,473	811,361	892,270	699,015	682,105
Black-owned	23,879	17,200	12,388	16,696	18,804
Hispanic-owned	111,067	104,704	107,535	30,451	59,385
Non-profit organization	16,547	15,017	22,665	30,809	23,867
Emerging small business	229,080	224,955	364,140	191,182	126,658
Hospital	925	647	147	147	138

1/ After 2009, DOD data 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.

2/ HUBZone Historically underutilized business zone.

3/ HBCU Historically Black Colleges.

4/ Federally recognized.

Source: Federal Procurement Data System - Next Generation <<https://www.fpds.gov/fpdsng/cms/index.php/en/>> accessed July 25, 2015; and calculations by Hawaii State Department of Business, Economic Development & Tourism.



**Table 10.24-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2013**

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		5,022	43,649,832	6,385	27,304,985	230,280	163,592	43,098.7
Army total		1,600	15,233,936	3,021	14,669,383	189,469	141,456	13,736.1
Army active		1,557	14,503,530	3,020	14,651,879	166,257	141,254	13,372.9
Aliamanu Military Reservation	Honolulu	102	281,326	745	2,812,736	600	593	1,011.8
Dillingham Military Res	Waialua	5	4,176	-	-	664	664	35.5
Fort De Russy	Honolulu	15	796,892	-	-	73	73	207.9
Fort Shafter	Honolulu	163	1,743,483	162	519,068	589	589	1,047.1
Helemano Military Reservation	Wahiawa	17	249,734	216	1,556,062	293	282	643.9
Kahuku Training Area	Kahuku	23	33,638	-	-	9,480	8,330	31.8
Kawaihae Military Reserve	Waimea	1	938	-	-	11	10	14.6
Kilauea Military Reserve	Hawaii Nat'l Park	94	167,411	-	-	72	13	59.6
Kipapa Ammo Storage Site	Mililani	70	179,462	-	-	401	401	110.1
Makua Military Reserve	Waianae	4	4,873	-	-	4,195	3,413	27.9
Pohakuloa Training Area	Hilo	177	309,158	4	362	131,805	108,829	376.4
Pupukea Paalaa Uka Mil Road	Haleiwa	-	-	-	-	109	109	24.8
Schofield Barracks Mil Reservation	Wahiawa	518	7,109,186	1,646	8,792,077	15,612	15,609	6,404.9
Signal Cable Trunking System	Wahiawa	41	8,871	-	-	201	201	114.2
Tripler Army Medical Center	Honolulu	39	1,841,173	40	275,926	367	367	1,804.4
USA Field Station Kunia	Kunia	10	270,924	-	-	89	89	195.4
Waianae-Kai Military Reservation	Waianae	48	47,743	-	-	14	-	23.8
Waikalkalaua Ammo Storage Tunnels	Mililani	49	104,236	-	-	312	312	62.0
Wheeler Army Airfield	Wahiawa	181	1,350,306	207	695,648	1,370	1,370	1,176.8
Army National Guard		33	680,577	-	-	166	166	328.1
NG Kalealoa	Kapolei	24	575,279	-	-	147	147	294.5
NG TS Waiawa Gulch	Pearl City	9	105,298	-	-	19	19	33.6
6 other Army sites 3/		10	49,829	1	17,504	23,047	35	35.3

Continued on next page.

**Table 10.24-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE:  
SEPTEMBER 30, 2013 -- 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		180	484,907	9	69,151	1,272	415	465.4
Air Force active		129	215,663	-	-	639	409	239.9
Bellows Air Force Station	Kailua	100	142,065	-	-	486	409	172.8
Kaena Point Satellite Tracking Station	Waianae	29	73,598	-	-	153	-	67.1
Air National Guard		4	31,016	-	-	11	-	20.8
Barking Sands Communication Station	Kekaha	4	31,016	-	-	11	-	20.8
17 other Air Force sites 3/		47	238,228	9	69,151	622	6	204.8
Marine Corps total		667	6,120,075	1,138	4,286,615	4,695	3,364	5,769.0
Marine active		667	6,120,075	1,138	4,286,615	4,450	3,177	5,768.3
Marine Corps Training Area Bellows	Waimanalo	16	114,681	-	-	1,030	28	108.3
Marine Corps Base Camp Smith	Aiea	52	897,312	10	20,135	221	219	518.6
Marine Corps Base Hawaii Kaneohe	Kaneohe	561	4,779,361	975	3,836,966	2,955	2,686	4,860.6
Marine Corps Base Manana Capehart	Pearl City	8	15,011	153	429,514	52	52	160.0
Marine Corps Base Hawaii								
Pearl City Annex	Pearl City	7	255,008	-	-	27	27	65.9
Marine Corps Base Hawaii Puuloa-Oahu	Ewa Beach	23	58,702	-	-	165	165	54.9
3 other Marine sites 3/		-	-	-	-	245	187	0.6

Continued on next page.

**Table 10.24-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE:  
SEPTEMBER 30, 2013 -- 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		2,575	21,810,915	2,217	8,279,836	34,845	18,358	23,128.2
Navy active		2,553	21,749,094	2,207	8,261,412	25,759	15,697	21,031.5
Aiea	Aiea	24	38,734	160	447,225	91	78	281.5
Caretaker Site Office Barbers Point HI	Barbers Point	-	-	-	-	678	678	98.9
Ewa	Ewa Beach	215	844,774	-	-	2,323	2,308	708.4
Hickam Petroleum Storage Annex	Hickam AF Base	6	7,247	-	-	96	1	338.3
Honolulu	Pearl Harbor	135	1,198,876	1,291	5,022,285	576	573	2,374.4
Kalaeloa	Barbers Point	165	1,010,946	-	-	164	163	547.0
Kamokala Ridge	Kekaha	13	23,582	-	-	89	-	15.8
Makaha Ridge	Kokee	17	28,473	-	-	243	-	31.5
Manana Housing/Pw Area	Pearl City	1	775	49	125,391	23	23	58.4
Naval Station Pearl Harbor	Pearl Harbor	1,051	15,512,406	291	1,052,113	4,394	4,344	13,728.9
PACMISRANFAC Hawaiian Area	Kekaha	209	508,884	42	81,520	4,565	8	534.0
Pearl City	Pearl City	21	268,739	252	976,735	633	575	604.0
Wahiawa	Wahiawa	108	723,958	121	555,765	712	689	641.9
Waianae	Lualualei	429	1,100,157	1	378	9,228	4,338	730.9
Waikele	Waipahu	136	440,075	-	-	488	485	229.2
Waipahu	Waipahu	23	41,468	-	-	1,456	1,434	108.4
69 other Navy sites 3/		22	61,822	10	18,424	9,085	2,661	2,096.7

1/ This report also inventories leased buildings (4) and square footage (79,280).

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 2014 Baseline, (A Summary of DoD's Real Property Inventory)* <<http://www.acq.osd.mil/ie/download/bsr/Base%20Structure%20Report%20FY14.pdf>> accessed March 10, 2015; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.25-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2014**

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		4,871	42,044,248	6,581	27,806,502	224,897	163,467	44,815.2
Army total		1,606	15,351,905	3,224	15,269,829	189,455	141,442	13,386.2
Army active		1,564	14,622,147	3,223	15,252,325	166,257	141,254	13,014.8
Aliamanu Military Reservation	Honolulu	103	281,356	771	2,876,646	600	593	1,005.0
Dillingham Military Res	Waialua	5	4,176	-	-	664	664	35.5
Fort De Russy	Honolulu	15	796,892	-	-	73	73	207.1
Fort Shafter	Honolulu	153	1,727,558	162	519,068	589	589	890.1
Helemano Military Reservation	Wahiawa	22	318,692	216	1,556,062	293	282	675.8
Kahuku Training Area	Kahuku	22	33,603	-	-	9,480	8,330	31.7
Kawaihae Military Reserve	Waimea	1	938	-	-	11	10	14.6
Kilauea Military Reserve	Hawaii Nat'l Park	94	167,411	-	-	72	13	59.6
Kipapa Ammo Storage Site	Mililani	70	179,462	-	-	401	401	115.2
Makua Military Reserve	Waianae	4	4,873	-	-	4,195	3,413	28.2
Pohakuloa Training Area	Hilo	177	307,516	4	362	131,805	108,829	376.4
Pupukea Paalaa Uka Mil Road	Haleiwa	-	-	-	-	109	109	24.8
Schofield Barracks Mil Reservation	Wahiawa	534	7,182,136	1,692	8,946,290	15,612	15,609	6,100.4
Signal Cable Trunking System	Wahiawa	41	8,871	-	-	201	201	114.2
Tripler Army Medical Center	Honolulu	40	1,841,536	40	275,926	367	367	1,811.8
USA Field Station Kunia	Kunia	9	270,844	-	-	89	89	195.4
Waianae-Kai Military Reservation	Waianae	48	47,743	-	-	14	-	23.7
Waikalkalaua Ammo Storage Tunnels	Mililani	49	104,236	-	-	312	312	64.9
Wheeler Army Airfield	Wahiawa	177	1,344,304	338	1,077,971	1,370	1,370	1,240.4
Army National Guard		32	679,929	-	-	166	166	328.7
NG Kalaeloa	Kapolei	24	574,828	-	-	147	147	294.3
NG TS Waiawa Gulch	Pearl City	8	105,101	-	-	19	19	34.4
6 other Army sites 3/		10	49,829	1	17,504	23,033	21	42.5

Continued on next page.

**Table 10.25-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE:  
SEPTEMBER 30, 2014 -- 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		180	484,907	9	69,151	1,272	415	526.0
Air Force active		129	215,663	-	-	639	409	264.1
Bellows Air Force Station	Kailua	100	142,065	-	-	486	409	190.2
Kaena Point Satellite Tracking Station	Waianae	29	73,598	-	-	153	-	73.9
Air National Guard		4	31,016	-	-	11	-	22.9
Barking Sands Communication Station	Kekaha	4	31,016	-	-	11	-	22.9
17 other Air Force sites 3/		47	238,228	9	69,151	622	6	239.0
Marine Corps total		666	6,168,121	1,135	4,283,538	4,652	3,364	6,362.3
Marine active		666	6,168,122	1,135	4,283,538	4,450	3,177	6,360.9
Marine Corps Training Area Bellows	Waimanalo	15	116,231	-	-	1,030	28	109.3
Marine Corps Base Camp Smith	Aiea	50	896,574	9	19,010	221	219	573.9
Marine Corps Base Hawaii Kaneohe	Kaneohe	563	4,838,356	973	3,835,014	2,955	2,686	5,360.5
Marine Corps Base Manana Capehart	Pearl City	8	14,943	153	429,514	52	52	183.0
Marine Corps Base Hawaii								
Pearl City Annex	Pearl City	7	255,008	-	-	27	27	74.1
Marine Corps Base Hawaii Puuloa-Oahu	Ewa Beach	23	47,010	-	-	165	165	60.1
2 other Marine sites 3/		-	-	-	-	202	187	1.3

Continued on next page.

**Table 10.25-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE:  
SEPTEMBER 30, 2014 -- 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		2,419	20,039,315	2,213	8,183,984	29,518	18,247	24,540.8
Navy active		2,397	19,977,494	2,203	8,165,560	28,184	18,117	22,216.9
Aiea	Aiea	24	38,734	160	447,225	91	78	310.9
Caretaker Site Office Barbers Point HI	Barbers Point	-	-	-	-	678	678	109.2
Ewa	Ewa Beach	221	852,415	-	-	2,323	2,308	777.2
Hickam Petroleum Storage Annex	Hickam AF Base	6	7,247	-	-	96	1	373.7
Honolulu	Pearl Harbor	175	1,698,971	1,291	5,022,285	576	573	2,903.8
Kalaeloa	Barbers Point	165	1,010,412	-	-	164	163	604.3
Kamokala Ridge	Kekaha	13	23,582	-	-	89	-	20.3
Makaha Ridge	Kokee	17	28,473	-	-	243	-	40.3
Manana Housing/Pw Area	Pearl City	1	775	49	125,391	23	23	51.4
Naval Station Pearl Harbor	Pearl Harbor	973	13,640,974	288	955,993	6,819	6,764	14,040.8
PACMISRANFAC Hawaiian Area	Kekaha	210	510,668	41	79,920	4,565	8	686.7
Pearl City	Pearl City	26	270,042	252	978,603	633	575	668.1
Wahiawa	Wahiawa	114	753,577	121	555,765	712	689	705.2
Waianae	Lualualei	429	1,100,133	1	378	9,228	4,338	805.2
Waikele	Waipahu	-	-	-	-	488	485	-
Waipahu	Waipahu	23	41,491	-	-	1,456	1,434	119.8
39 other Navy sites 3/		22	61,822	10	18,424	1,334	130	2,323.9

1/ This report also inventories leased buildings (5) and square footage (94,707).

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 2015 Baseline, (A Summary of DoD's Real Property Inventory)* <<http://www.acq.osd.mil/ie/download/bsr/CompletedBSR2015-Final.pdf>> accessed July 14, 2015; 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, 2014**

[Installations by component and size data are not available for FY 2012 and 2013]

Location and component	Total	Large 1/	Medium 2/	Small 3/	Other 4/
Hawaii	142	5	3	74	60
Army	28	1	3	22	2
Navy	85	3	-	26	56
Air Force	20	-	-	19	1
Marine Corps	9	1	-	7	1
United States	4,154	100	101	3,475	478
Army	1,562	35	30	1,395	102
Navy	803	24	26	570	183
Air Force	1,535	32	40	1,319	144
Marine Corps	160	8	5	98	49
Washington Headquarters Service	94	1	-	93	-
Hawaii as percent of the U.S.	3.4	5.0	3.0	2.1	12.6
Army	1.8	2.9	10.0	1.6	2.0
Navy	10.6	12.5	0.0	4.6	30.6
Air Force	1.3	0.0	0.0	1.4	0.7
Marine Corps	5.6	12.5	0.0	7.1	2.0

1/ A large installation has a total plant replacement value (PRV) greater than or equal to \$1.876 billion.

2/ A medium installation has a total plant replacement value (PRV) less than \$1.876 billion and greater than or equal to \$1,000 million.

3/ A small installation has a total plant replacement value (PRV) less than \$1,000 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 2014 Baseline*, pp. DOD-18 and 21 <<http://www.acq.osd.mil/ie/download/bsr/CompletedBSR2015-Final.pdf>> accessed July 14, 2015; 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]

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](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: 2015**

[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]

Code 1/	With dependents				Without dependents			
	Maui County	Honolulu County	Hawaii County	Kauai County	Maui County	Honolulu County	Hawaii County	Kauai County
E01	2,001	2,922	1,467	1,701	1,500	2,190	1,098	1,365
E02	2,001	2,922	1,467	1,701	1,500	2,190	1,098	1,365
E03	2,001	2,922	1,467	1,701	1,500	2,190	1,098	1,365
E04	2,001	2,922	1,467	1,701	1,500	2,190	1,098	1,365
E05	2,277	2,994	1,617	1,857	1,707	2,631	1,212	1,485
E06	2,664	3,048	1,734	2,172	1,998	2,859	1,335	1,629
E07	2,748	3,312	1,743	2,256	2,061	2,925	1,476	1,710
E08	2,838	3,600	1,752	2,349	2,355	3,006	1,641	1,920
E09	3,045	3,861	1,848	2,526	2,475	3,021	1,677	2,016
W01	2,667	3,051	1,737	2,175	2,001	2,895	1,407	1,641
W02	2,784	3,429	1,749	2,295	2,349	3,003	1,638	1,917
W03	2,895	3,783	1,761	2,409	2,484	3,024	1,680	2,028
W04	3,102	3,888	1,881	2,571	2,685	3,111	1,737	2,193
W05	3,348	4,014	2,025	2,766	2,766	3,378	1,746	2,277
O01E	2,766	3,369	1,746	2,274	2,277	2,994	1,617	1,857
O02E	2,880	3,732	1,755	2,391	2,448	3,015	1,668	1,995
O03E	3,141	3,909	1,902	2,601	2,664	3,045	1,734	2,172
O01	2,319	3,000	1,629	1,893	1,740	2,850	1,314	1,542
O02	2,655	3,045	1,731	2,166	2,184	2,970	1,566	1,803
O03	2,889	3,768	1,758	2,403	2,523	3,027	1,692	2,058
O04	3,441	4,062	2,079	2,838	2,757	3,339	1,743	2,265
O05	3,837	4,263	2,313	3,150	2,880	3,510	1,749	2,364
O06	3,876	4,305	2,337	3,183	2,907	3,783	1,758	2,409
O07	3,915	4,347	2,361	3,213	2,952	3,858	1,794	2,457

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, Basic Allowance for Housing, BAH Rates for All Locations

<<https://www.defensetravel.dod.mil/site/pdcFiles.cfm?dir=/Allowances/BAH/PDF/>> accessed March 10, 2015.

**Table 10.30-- VETERAN STATUS OF CIVILIANS 17 YEARS AND OVER: 2000 AND 2010 TO 2014**

[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 and nonveteran (except for 2000) population rounded to the nearest 1,000. 2010 to 2012 civilian population and 2013 civilian population, veterans and nonveterans revised from previous *Data Book*]

<b>Veteran status</b>	<b>2000 1/</b>	<b>2010 1/</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Civilian population	889,005	1,033,002	1,037,985	1,050,021	1,059,608	1,070,716	1,079,786
Male	427,316	499,526	502,673	510,033	516,576	523,066	528,136
Female	461,689	533,476	535,312	539,988	543,032	547,650	551,650
Veterans	121,000	116,000	117,000	117,000	117,000	121,000	121,000
Male veterans	111,000	105,000	103,000	103,000	103,000	108,000	108,000
Female veterans	9,000	12,000	14,000	14,000	14,000	13,000	13,000
War veterans 2/	92,000	87,000	91,000	92,000	93,000	96,000	97,000
Persian Gulf War 3/	18,000	36,000	41,000	45,000	48,000	48,000	51,000
Vietnam era	42,000	36,000	36,000	35,000	34,000	39,000	38,000
Korean conflict	18,000	12,000	12,000	11,000	10,000	8,000	7,000
World War II	23,000	8,000	8,000	6,000	5,000	6,000	5,000
World War I	(4/)	-	-	-	-	-	-
Peacetime only	29,000	29,000	26,000	24,000	24,000	25,000	24,000
Nonveterans	461,689	917,000	921,000	933,000	943,000	950,000	959,000

1/ April 1 estimates base civilian; April 1, 2000 is 18 years and over and April 1, 2010 is 17 years and over.

2/ Detail adds to more than subtotal because some veterans served in more than one war.

3/ Service from August 2, 1990 to the present.

4/ Fewer than 100.

Source: 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, 2014 (June 2015)

<<http://www.census.gov/popest/data/state/asrh/2014/SC-EST2014-AGESEX-CIV.html>> accessed July 27, 2015;

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; "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; "Veteran Population Projection Model 2011 (VetPop2011) for 2011 to 2040"

<[http://www.va.gov/VETDATA/docs/Demographics/New\\_Vetpop\\_Model/71VetPop11\\_POS\\_State.xlsx](http://www.va.gov/VETDATA/docs/Demographics/New_Vetpop_Model/71VetPop11_POS_State.xlsx)> accessed

June 27, 2014; "Veteran Population Projection Model 2014 (VetPop2014)" <[http://www1.va.gov/vetdata/docs/Demographics/New\\_Vetpop\\_Model/7L\\_VetPop2014.xlsx](http://www1.va.gov/vetdata/docs/Demographics/New_Vetpop_Model/7L_VetPop2014.xlsx)> accessed July 27, 2015; 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: 2013**

Characteristic	Hawaii	United States	Hawaii as percent of U.S.
Total			
18 years and over	1,096,828	242,542,227	0.5
In Armed Forces 1/	45,578	985,503	4.6
Civilian	1,051,250	241,556,724	0.4
Veteran	107,791	19,588,586	0.6
Nonveteran	943,459	221,968,138	0.4
18 to 64 years	876,720	197,878,237	0.4
In Armed Forces 1/	45,578	985,503	4.6
Civilian	831,142	196,892,734	0.4
Veteran	61,694	10,320,312	0.6
Nonveteran	769,448	186,572,422	0.4
65 years and over	220,108	44,663,990	0.5
In Armed Forces 1/	-	-	(X)
Civilian	220,108	44,663,990	0.5
Veteran	46,097	9,268,274	0.5
Nonveteran	174,011	35,395,716	0.5
Male	710,917	155,627,698	0.5
18 years and over	552,184	117,977,584	0.5
In Armed Forces 1/	40,551	853,510	4.8
Civilian	511,633	117,124,074	0.4
Veteran	97,099	18,036,876	0.5
Nonveteran	414,534	99,087,198	0.4
18 to 64 years	454,187	98,403,367	0.5
In Armed Forces 1/	40,551	853,510	4.8
Civilian	413,636	97,549,857	0.4
Veteran	52,823	9,043,733	0.6
Nonveteran	360,813	88,506,124	0.4
65 years and over	97,997	19,574,217	0.5
In Armed Forces 1/	-	-	(X)
Civilian	97,997	19,574,217	0.5
Veteran	44,276	8,993,143	0.5
Nonveteran	53,721	10,581,074	0.5

Continued on next page.

**Table 10.31-- ARMED FORCES STATUS, BY VETERAN STATUS, BY SEX AND AGE FOR THE POPULATION 18 YEARS AND OVER: 2013-- Con.**

<b>Characteristic</b>	<b>Hawaii</b>	<b>United States</b>	<b>Hawaii as percent of U.S.</b>
Female	693,137	160,501,141	0.4
18 years and over	544,644	124,564,643	0.4
In Armed Forces 1/	5,027	131,993	3.8
Civilian	539,617	124,432,650	0.4
Veteran	10,692	1,551,710	0.7
Nonveteran	528,925	122,880,940	0.4
18 to 64 years	422,533	99,474,870	0.4
In Armed Forces 1/	5,027	131,993	3.8
Civilian	417,506	99,342,877	0.4
Veteran	8,871	1,276,579	0.7
Nonveteran	408,635	98,066,298	0.4
65 years and over	122,111	25,089,773	0.5
In Armed Forces 1/	-	-	(X)
Civilian	122,111	25,089,773	0.5
Veteran	1,821	275,131	0.7
Nonveteran	120,290	24,814,642	0.5

X Not applicable.

1/ Calculated as "Total" less "Civilian".

Source: U.S. Census Bureau, 2013 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://factfinder.census.gov/bkmk/table/1.0/en/ACS/13\\_1YR/B21001/0100000US|0400000US15](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13_1YR/B21001/0100000US|0400000US15)> and "DP05 ACS 2013 1-Year Estimates for the Demographic and Housing Estimates" <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13\\_1YR/DP05/0100000US|0400000US15](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13_1YR/DP05/0100000US|0400000US15)> accessed March 10, 2015 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.32-- DISTRIBUTION OF VETERANS AFFAIRS POPULATION  
AND EXPENDITURES, BY COUNTY: 2013 AND 2014**

[In number of persons and thousands of dollars. Fiscal year ending September 30]

<b>Subject</b>	<b>State</b>	<b>Hawaii</b>	<b>City &amp; County of Honolulu</b>	<b>Kalawao</b>	<b>Kauai</b>	<b>Maui</b>
<b>2013</b>						
Veteran population 1/	116,947	15,760	85,279	5	5,282	10,622
Unique patients 2/	23,825	3,802	16,434	(3/)	1,375	2,213
Total expenditure	754,680	94,387	569,136	4	29,075	62,079
Compensation & pension 4/	337,919	50,429	241,149	-	13,758	32,583
Educ. & vocational rehab/emp.	142,729	3,096	136,679	-	876	2,078
Medical care 5/	243,220	39,858	162,970	4	13,901	26,487
Insurance & indemnities	13,109	1,003	10,635	-	540	931
Construction	1,690	-	1,690	-	-	-
General operating expenses	16,013	-	16,013	-	-	-
<b>2014</b>						
Veteran population 1/	121,007	16,670	87,891	-	5,330	11,115
Unique patients 2/	25,041	4,031	17,338	(3/)	1,457	2,214
Total expenditure	842,115	106,328	635,941	4	34,521	65,322
Compensation & pension 4/	388,532	56,798	279,377	-	16,108	36,249
Educ. & vocational rehab/emp.	167,447	4,100	159,382	-	1,131	2,834
Medical care 5/	254,149	44,280	167,898	4	16,615	25,351
Insurance & indemnities	14,822	1,149	12,119	-	666	888
Construction	573	-	573	-	-	-
General operating expenses	16,593	-	16,593	-	-	-

1/ Veteran population estimated as of September 30. Source obtained data from Office of the Actuary, Department of Veterans Affairs (VetPop2011 for 2013 and VetPop2014 for 2014).

2/ Patients who received treatment at a VA health care facility.

3/ Fewer than ten 'Unique Patients'.

4/ 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.

5/ 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 4, 2015.

**Table 10.33-- MILITARY RETIREMENT SYSTEM: 2014**

[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	17,385	16,429	38,858	2,365
By branch of service 3/				
Army	6,487	6,021	13,593	2,258
Navy	4,938	4,721	11,636	2,465
Marine Corps	1,096	1,012	2,919	2,884
Air Force	4,864	4,675	10,710	2,291
Exhibit: Coast Guard 3/	397	384	(NA)	(NA)
By rank				
Officers	5,004	4,959	18,558	3,742
Nondisabled and reserve	4,825	4,811	18,185	3,780
Disabled	179	148	373	2,520
Enlisted	12,381	11,470	20,299	1,770
Nondisabled and reserve	11,193	10,912	19,744	1,809
Disabled	1,188	558	555	995
Department of Defense, over 65	8,041	7,575	17,559	2,318
By branch of service 3/				
Army	3,335	3,135	6,783	2,164
Navy	1,818	1,702	4,469	2,626
Marine Corps	400	365	1,081	2,962
Air Force	2,488	2,373	5,227	2,203
Exhibit: Coast Guard 3/	181	172	(NA)	(NA)
By rank				
Officers	2,780	2,758	9,583	3,475
Nondisabled and reserve	2,710	2,696	9,382	3,480
Disabled	70	62	201	3,242
Enlisted	5,261	4,817	7,977	1,656
Nondisabled and reserve	4,946	4,671	7,779	1,665
Disabled	315	146	198	1,356

Continued on next page.

**Table 10.33-- MILITARY RETIREMENT SYSTEM: 2014 -- Con.**

Category	Number retired	Monthly payment 2/ (\$1,000)	Average payment per person paid (dollars)
Department of Defense, concurrent receipt	3,968	5,834	1,470
Concurrent Retirement & Disability Pay (CRDP)	3,366	5,175	1,537
Nondisabled	3,082	4,767	1,547
Disabled	124	231	1,863
Reserve	160	177	1,106
Combat Related Special Compension (CRSC)	602	659	1,095
Nondisabled	360	493	1,369
Disabled	159	109	686
Reserve	83	57	687
Military survivors, by branch of servicemember 3/			
Receiving pay 4/	2,400	2,461	1,025
Army	1,247	1,153	925
Navy	486	570	1,173
Marine Corps	133	188	1,414
Air Force	534	550	1,030
Exhibit: Coast Guard 3/	33	(NA)	(NA)
Over 65 receiving pay 4/	2,048	2,168	1,059
Army	1,086	1,024	943
Navy	403	498	1,236
Marine Corps	106	162	1,528
Air Force	453	484	1,068
Exhibit: Coast Guard 3/	27	(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 (RSFPP) 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 2014 DOD Statistical Report on the Military Retirement System* (June 2015) pp. 26-30 and 197-198 <<http://actuary.defense.gov/>> accessed July 8, 2015 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

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**Table**  
**Number** **Table Name**

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

<a href="#">11.23</a>	501(c)(3) Public Charities in Hawaii, by Type: Circa 2010
<a href="#">11.24</a>	Quality of Life Index Rankings, for the State and the Honolulu Metropolitan Statistical Area (MSA): 1997 to 2015

**Table 11.01-- TEMPORARY ASSISTANCE TO NEEDY FAMILIES,  
AVERAGE MONTHLY, BY ISLAND: 2009 TO 2014**

[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
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
2013								
Cases	7,959	4,401	2,282	339	937	(NA)	723	214
Recipients	22,053	11,972	6,516	925	2,640	(NA)	1,974	666
Expenditures 1/	4,432	2,451	1,306	178	497	(NA)	371	126
2014								
Cases	7,283	3,989	2,167	308	819	(NA)	620	199
Recipients	20,054	10,834	6,129	802	2,289	(NA)	1,661	628
Expenditures 1/	4,080	2,228	1,245	164	443	(NA)	326	117

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: 2009 TO 2014**

[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
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
2013								
Cases	1,870	1,299	376	33	162	(NA)	142	20
Recipients	6,544	4,453	1,378	108	605	(NA)	531	74
Expenditures 1/	946	653	201	17	75	(NA)	66	9
2014								
Cases	1,644	1,167	338	32	107	(NA)	92	15
Recipients	5,640	3,923	1,229	108	380	(NA)	318	62
Expenditures 1/	824	573	186	16	49	(NA)	42	7

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 2014**

[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
2013	94,672	53,807	23,921	5,188	11,756	175	10,448	1,133
2014	98,440	55,840	25,268	5,190	12,142	181	10,805	1,156

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 2014**

[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
2013	187,062	107,668	46,392	9,980	23,022	356	20,136	2,530
2014	193,565	111,483	48,479	9,961	23,642	376	20,703	2,563

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: 1990 TO 2014**

[In dollars. Fiscal year ending June 30]

Year	State	Oahu	Hawaii	Kauai	Maui County			
					County total	Lanai	Maui	Molokai
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
2013	483,938,852	276,578,330	122,058,832	25,326,161	59,975,529	927,424	52,549,652	6,498,453
2014	520,648,348	297,574,355	133,266,411	26,093,928	63,713,654	989,631	55,828,946	6,895,077

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  
AND SEX: 2011 TO 2013**

[December data. Based on Master Beneficiary Record, 100 percent data]

<b>Age, race, and sex</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Age	234,314	240,456	246,477
17 or under	11,639	11,682	11,687
18 to 54	14,155	14,033	13,792
55 to 61	8,812	8,906	9,084
62 to 64	21,941	21,749	21,228
65 to 69	52,371	55,627	57,798
70 to 74	39,524	41,689	44,994
75 to 79	30,363	30,582	31,276
80 to 84	26,254	25,921	25,454
85 to 89	18,583	18,878	19,198
90 to 99	10,385	11,104	11,633
100 or older	287	285	333
Adult beneficiaries	219,536	225,597	231,572
Men	99,046	101,916	104,856
Women	120,490	123,681	126,716

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/2014/5j.pdf>> accessed June 15, 2015.

**Table 11.07-- RETIREMENT, SURVIVORS AND DISABILITY INSURANCE (OASDI) BENEFICIARIES AND BENEFITS IN CURRENT-PAYMENT STATUS, BY TYPE OF BENEFIT: 2012 AND 2013**

[December data. Based on Master Beneficiary Record, 100 percent data]

Type of benefit	Number of OASDI beneficiaries		Amount of monthly benefits (\$1,000)	
	2012	2013	2012	2013
Total	240,456	246,477	282,090	296,423
Retirement	190,149	196,287	230,246	243,784
Retired workers	178,594	184,442	223,285	236,336
Spouses	7,847	8,048	4,689	5,050
Children	3,708	3,797	2,272	2,398
Survivors	21,743	21,635	23,061	23,441
Widow(er)s and parents	15,412	15,306	17,798	18,061
Children	6,331	6,329	5,263	5,380
Disability	28,564	28,555	28,783	29,198
Disabled workers	23,281	23,328	26,984	27,406
Spouses	463	448	143	140
Children	4,820	4,779	1,656	1,652
Age 65 and over	184,086	190,686	227,701	242,060
Men	81,317	84,601	111,408	118,702
Women	102,769	106,085	116,293	123,358

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/2014/5j.pdf>> accessed June 15, 2015.

**Table 11.08-- RETIREMENT, SURVIVORS AND DISABILITY INSURANCE (OASDI)  
BENEFICIARIES IN CURRENT-PAYMENT STATUS, BY COUNTY: DECEMBER 2013**

[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/	246,477	184,442	8,048	3,797	15,306	6,329	23,328	448	4,779	84,601	106,085
Hawaii	39,695	28,215	1,010	640	2,400	1,020	5,300	65	1,045	13,440	14,620
Honolulu	165,805	125,870	5,970	2,410	10,615	4,185	13,570	310	2,875	57,255	75,120
Kauai	13,925	10,435	400	265	845	325	1,355	30	270	4,815	5,635
Maui	27,050	19,920	670	480	1,445	800	3,105	40	590	9,090	10,710

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, 2013*, table 4 <[http://www.ssa.gov/policy/docs/statcomps/oasdi\\_sc/2013/hi.pdf](http://www.ssa.gov/policy/docs/statcomps/oasdi_sc/2013/hi.pdf)> accessed June 15, 2015.

**Table 11.09-- RETIREMENT, SURVIVORS AND DISABILITY INSURANCE (OASDI)  
BENEFITS IN CURRENT-PAYMENT STATUS, BY COUNTY: DECEMBER 2013**

[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/	296,423	236,336	5,050	2,398	18,061	5,380	27,406	140	1,652	118,702	123,358
Hawaii	46,051	34,941	630	372	2,854	833	6,079	21	322	18,361	16,540
Honolulu	201,464	163,124	3,746	1,557	12,458	3,597	15,868	95	1,019	80,966	88,017
Kauai	16,471	13,054	252	159	990	272	1,632	12	100	6,639	6,407
Maui	32,437	25,218	421	310	1,760	678	3,826	13	211	12,735	12,393

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, 2013, table 5* <[http://www.ssa.gov/policy/docs/statcomps/oasdi\\_sc/2013/hi.pdf](http://www.ssa.gov/policy/docs/statcomps/oasdi_sc/2013/hi.pdf)> accessed June 15, 2015.

**Table 11.10-- NUMBER AND PERCENT RECEIVING RETIREMENT, SURVIVORS AND DISABILITY INSURANCE (OASDI) BENEFITS: 2013**

[December data. Based on Master Beneficiary Record, 100 percent data]

Area	Total population		Aged 65 or older	
	Number (1,000) 1/	Percentage receiving benefits	Number (1,000) 1/	Percentage receiving benefits
United States	316,129	18.3	44,704	91.4
Hawaii	1,404	17.6	220	86.9

1/ Population estimates for the United States as of July 1, 2013, 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, 2013*, table 1

<[http://www.ssa.gov/policy/docs/statcomps/oasdi\\_sc/2013/hi.pdf](http://www.ssa.gov/policy/docs/statcomps/oasdi_sc/2013/hi.pdf)> accessed June 15, 2015.

**Table 11.11-- SOCIAL SECURITY BENEFICIARIES AND BENEFITS PAID:  
1991 TO 2013**

[December data. Prior to 2006 based on 10-percent samples, 2006 and after based on Master Beneficiary Record, 100 percent data]

<b>Year</b>	<b>Number of beneficiaries 1/</b>	<b>Monthly benefits (\$1,000) 1/</b>	<b>Estimated total benefits paid (million dollars)</b>
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
2012	240,456	282,090	3,276
2013	246,477	296,423	3,447

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/2013/5j.pdf>> accessed June 18, 2014.

**Table 11.12-- MEDICARE BENEFICIARIES ENROLLED: 2010 to 2012**

[As of July]

Coverage	All persons			Persons 65 and over		
	2010	2011	2012	2010	2011	2012
Hospital (Part A) and/or supplementary medical insurance (Part B)	205,161	213,639	222,572	183,066	188,159	196,082
Hospital insurance (Part A and B, and Part A only)	204,630	213,090	222,021	182,538	187,612	195,535
Hospital insurance (Part A only)	20,064	22,551	24,529	17,413	19,481	21,503
Supplementary medical insurance (Part A and B, and Part B only)	185,097	191,088	198,043	165,653	168,678	174,579
Supplementary medical insurance (Part B only)	531	549	551	528	547	547
Hospital (Part A) and supplementary medical insurance (Part B)	184,566	190,539	197,492	165,125	168,131	174,032

Source: U.S. Department of Health and Human Services, Centers for Medicare and Medicaid Services <<http://www.cms.hhs.gov/MedicareEnrpts>> accessed July 14, 2014; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 11.13-- SENIOR MEDICARE ENROLLEES BY COUNTY: 2008 to 2012**

[As of July 1, for persons 65 years and over. From the 100 percent denominator file]

<b>Year</b>	<b>Honolulu</b>	<b>Hawaii</b>	<b>Maui 1/</b>	<b>Kauai</b>
2008	125,174	22,360	16,010	8,747
2009	128,469	23,505	16,607	9,015
2010	131,413	24,220	17,344	9,318
2011	134,938	(NA)	18,163	9,658
2012	148,319	29,119	20,795	10,923

NA Not available

1/ Includes Kalawao County, for 2009 Kalawao had 28 enrollees, for 2010 Kalawao had 15 enrollees, for 2011 Kalawao had 19 enrollees and for 2012 Kalawao had 20 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 July 14, 2014.



**TABLE 11.14-- DISABILITY STATUS AND NUMBER OF PERSONS  
WITH A DISABILITY, FOR THE STATE AND OAHU: 2013**

[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	314	173	25	173
With a hearing difficulty	314	-	25	-
With a vision difficulty	289	173	-	173
Age 5 to 17 years				
With any disability	5,606	3,295	3,981	2,266
With a hearing difficulty	1,036	798	738	431
With a vision difficulty	965	431	857	158
With a cognitive difficulty	4,147	2,099	3,024	1,498
With an ambulatory difficulty	885	421	645	119
With a self-care difficulty	1,246	597	897	385
Age 18 to 34 years				
With any disability	8,665	6,082	6,229	5,037
With a hearing difficulty	1,123	1,345	993	1,281
With a vision difficulty	806	914	584	748
With a cognitive difficulty	5,855	3,215	3,998	2,790
With an ambulatory difficulty	1,263	1,483	856	1,191
With a self-care difficulty	1,470	674	740	519
With an independent living difficulty	3,986	1,886	2,806	1,331
Age 35 to 64 years				
With any disability	26,475	23,573	17,866	16,418
With a hearing difficulty	7,853	3,447	5,493	2,540
With a vision difficulty	5,526	4,038	3,707	3,049
With a cognitive difficulty	9,362	8,425	6,390	6,030
With an ambulatory difficulty	11,157	13,402	7,143	9,326
With a self-care difficulty	4,364	4,250	3,319	2,935
With an independent living difficulty	7,158	9,849	5,101	6,756

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**TABLE 11.14-- DISABILITY STATUS AND NUMBER OF PERSONS WITH A DISABILITY, FOR THE STATE AND OAHU: 2013 -- Con.**

Disability status	State		Oahu	
	Male	Female	Male	Female
65 to 74 years				
With any disability	14,166	13,102	8,858	8,896
With a hearing difficulty	6,793	3,180	4,047	2,159
With a vision difficulty	2,001	2,185	1,187	1,337
With a cognitive difficulty	4,584	3,213	2,427	2,231
With an ambulatory difficulty	6,649	8,832	4,562	6,076
With a self-care difficulty	1,965	2,718	939	1,951
With an independent living difficulty	3,872	5,509	2,588	3,589
75 years and over				
With any disability	19,141	30,507	13,419	21,254
With a hearing difficulty	10,817	11,953	6,940	7,768
With a vision difficulty	2,801	5,464	1,828	3,152
With a cognitive difficulty	6,665	13,025	4,788	8,834
With an ambulatory difficulty	10,989	20,948	7,850	14,727
With a self-care difficulty	3,707	8,480	2,820	6,002
With an independent living difficulty	8,441	18,930	6,405	14,007

Source: U.S. Census Bureau, 2013 American Community Survey 1-Year Estimates  
 <<http://factfinder2.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>> accessed  
 June 15, 2015.

**Table 11.15-- PERSONS SERVED BY STATE HOMELESS PROGRAMS,  
BY COUNTY: 2007 TO 2014**

[Year ending June 30]

<b>Year and program</b>	<b>State</b>	<b>City and County of Honolulu</b>	<b>Hawaii County</b>	<b>Maui County</b>	<b>Kauai County</b>
2007 1/					
Outreach	6,777	4,157	761	1,445	401
Shelter	6,733	5,066	420	1,188	49
2009					
Outreach	7,506	4,969	845	1,291	379
Shelter	7,501	5,295	679	1,115	395
2010					
Outreach	7,997	5,350	1,090	1,161	373
Shelter	7,649	5,660	623	1,016	331
2011					
Outreach	8,266	5,225	1,098	1,580	363
Shelter	8,299	6,211	622	1,154	312
2012					
Outreach	7,804	4,949	1,063	1,407	385
Shelter	8,507	6,305	574	1,297	331
2013					
Outreach	7,415	4,837	832	1,328	418
Shelter	8,699	6,234	565	1,557	343
2014					
Rapid Rehousing	824	686	74	40	24
Outreach	7,608	4,391	1,401	1,488	328
Shelter	8,574	6,039	746	1,448	341

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 June 15, 2015.

**Table 11.16-- CHARACTERISTICS OF PERSONS PARTICIPATING IN THE STATE HOMELESS OUTREACH PROGRAMS: 2011 TO 2014**

[Year ending June 30]

Subject	Participants			
	2011	2012	2013	2014
State total	8,266	7,804	7,415	7,608
City & County of Honolulu	5,225	4,949	4,837	4,391
Hawaii	1,098	1,063	832	1,401
Maui	1,580	1,407	1,328	1,488
Kauai	363	385	418	328
Age				
Under 6	497	482	430	520
6 to 17	402	381	455	467
18 to 24	758	710	615	670
25 to 39	1,921	1,889	1,835	1,976
40 to 59	3,709	3,565	3,267	3,235
60 or over	502	538	622	623
Gender 1/				
Male	5,332	4,873	4,626	4,621
Female	2,910	2,896	2,757	2,952
Ethnicity 2/				
Caucasian / white	3,663	3,228	3,045	2,978
Hawaiian / part Hawaiian	2,235	2,211	2,140	2,191
Black	350	358	395	356
Japanese	(3/)	(3/)	(3/)	(3/)
Chinese	(3/)	(3/)	(3/)	(3/)
Korean	(3/)	(3/)	(3/)	(3/)
Filipino	474	475	404	379
Samoan	(4/)	(4/)	(4/)	(4/)
Marshallese	162	186	190	300
Micronesian	385	359	327	511
Other Asian	400	336	352	306
Other Pacific Islander	355	381	351	336
Native American	188	185	155	161
Other / unknown	54	85	56	90

Continued on next page.

**Table 11.16-- CHARACTERISTICS OF PERSONS PARTICIPATING IN THE STATE HOMELESS OUTREACH PROGRAMS: 2011 TO 2014 -- Con.**

Subject	Participants			
	2011	2012	2013	2014
Hawaii residence				
1 year or less	854	813	585	431
More than 1 year, less than 10 years	1,110	977	979	1,227
10 years to less than 20 years	(5/)	(5/)	563	663
20 years and over	(5/)	(5/)	3,348	3,311
Employment status				
Unemployed	5,476	5,268	5,125	5,300
Employed part-time	445	450	525	503
Employed full-time	277	312	172	344
Educational attainment				
Less than high school diploma 6/	1,487	1,385	1,391	1,482
High school diploma/GED	3,036	2,967	3,232	3,679
Some college or more	1,844	1,718	1,162	863
Length of homelessness 7/				
1 day or less	140	145	176	249
2 days to less than 1 month	526	1,151	1,107	1,191
1 month to less than 1 year	2,963	2,332	2,167	2,285
1 to 2 years	1,013	976	876	916
3 years or more	992	1,038	1,052	1,077

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/ From 2011, grouped in "Other Asian."

4/ From 2011, grouped in "Other Pacific Islander."

5/ Prior to 2013 categories named "10 years or more, not lifetime" and "Lifetime resident."

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) and Center on the Family at the University of Hawaii, *Homeless Service Utilization Report: Statistical Supplement* (Hawaii FY 2014) <<http://uhfamily.hawaii.edu/publications/publications.asp>> accessed June 15, 2015.

**Table 11.17-- CHARACTERISTICS OF PERSONS PARTICIPATING IN THE STATE HOMELESS SHELTER PROGRAMS: 2011 TO 2014**

[Year ending June 30]

Subject	Participants			
	2011	2012	2013	2014
State total	8,299	8,507	8,699	8,574
City & County of Honolulu	6,211	6,305	6,234	6,039
Hawaii	622	574	565	746
Maui	1,154	1,297	1,557	1,448
Kauai	312	331	343	341
Age				
Under 6	1,554	1,627	1,550	1,512
6 to 17	1,242	1,261	1,370	1,345
18 to 24	863	833	751	720
25 to 39	1,969	2,056	2,123	2,039
40 to 59	2,265	2,278	2,367	2,368
60 or over	361	414	498	564
Gender 1/				
Male	4,555	4,679	4,757	4,685
Female	3,714	3,792	3,908	3,867
Ethnicity 2/				
Caucasian / white	1,973	2,131	2,137	2,229
Hawaiian / part Hawaiian	2,339	2,315	2,444	2,539
Black	427	413	455	492
Japanese	(3/)	(3/)	(3/)	(3/)
Chinese	(3/)	(3/)	(3/)	(3/)
Korean	(3/)	(3/)	(3/)	(3/)
Filipino	412	440	469	436
Samoan	(4/)	(4/)	(4/)	(4/)
Marshallese	737	858	897	725
Micronesia	1,253	1,198	1,119	1,120
Other Asian	366	350	375	384
Other Pacific Islander	568	569	605	486
Native American	122	132	131	123
Other / unknown	102	101	67	40

Continued on next page.

**Table 11.17-- CHARACTERISTICS OF PERSONS PARTICIPATING IN THE STATE HOMELESS SHELTER PROGRAMS: 2011 TO 2014 -- Con.**

Subject	Participants			
	2011	2012	2013	2014
Hawaii residence				
1 year or less	634	684	482	325
More than 1 year, less than 10 years	1,162	1,272	1,333	1,408
10 years to less than 20 years	(5/)	(5/)	440	617
20 years and over	(5/)	(5/)	2,761	2,797
Employment status				
Unemployed	3,827	3,965	4,051	4,062
Employed part-time	673	714	808	825
Employed full-time	782	820	733	823
Educational attainment				
Less than high school diploma 6/	1,424	1,367	1,480	1,390
High school diploma/GED	2,550	2,597	2,830	3,277
Some college or more	1,323	1,525	1,251	879
Length of homelessness 7/				
1 day or less	982	1,116	1,082	1,010
2 days to less than 1 month	399	843	870	903
1 month to less than 1 year	1,737	1,442	1,564	1,632
1 to 2 years	470	523	507	573
3 years or more	304	306	361	355

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 2013 categories named "10 years or more, not lifetime" and "Lifetime resident."

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) and Center on the Family at the University of Hawaii, *Homeless Service Utilization Report: Statistical Supplement* (Hawaii FY 2014) <<http://uhfamily.hawaii.edu/publications/publications.asp>> accessed June 15, 2015.

**Table 11.18-- HOMELESS PERSONS, BY SURVEY CATEGORY,  
BY COUNTY: 2012 TO 2014 ESTIMATES**

<b>Survey category</b>	<b>State</b>	<b>City &amp; County of Honolulu</b>	<b>County of Maui</b>	<b>County of Hawaii</b>	<b>County of Kauai</b>
January 2012					
Homeless persons	6,246	4,353	874	617	402
Sheltered 1/	3,726	3,035	420	170	101
Households with children	681	534	88	35	24
Persons in families	2,651	2,170	289	108	84
Single individuals	1,075	865	131	62	17
Unsheltered 2/	2,520	1,318	454	447	301
Households with children	111	41	18	28	24
Persons in families	465	174	61	141	89
Single individuals	2,055	1,144	393	306	212
January 2013					
Homeless persons	6,335	4,556	876	557	346
Sheltered 1/	3,745	3,091	421	160	73
Households with children	686	568	77	27	14
Persons in families	2,603	2,190	271	94	48
Single individuals	1,142	901	150	66	25
Unsheltered 2/	2,590	1,465	455	397	273
Households with children	93	43	15	16	19
Persons in families	377	170	50	79	78
Single individuals	2,213	1,295	405	318	195
January 2014					
Homeless persons	6,918	4,712	959	869	378
Sheltered 1/	3,813	3,079	445	211	78
Households with children	663	526	87	35	15
Persons in families	2,649	2,168	301	122	58
Single individuals	1,164	911	144	89	20
Unsheltered 2/	3,105	1,633	514	658	300
Households with children	127	52	13	45	17
Persons in families	519	188	51	220	60
Single individuals	2,586	1,445	463	438	240

Continued on next page.



**Table 11.18-- HOMELESS PERSONS, BY SURVEY CATEGORY  
BY COUNTY: 2012 TO 2014 ESTIMATES -- Con.**

1/ Sheltered homeless: persons or groups of persons who lack a fixed, regular and adequate nighttime residence and stay at a supervised public or private shelter designed to provide temporary alleviation of homelessness through the provision of living accommodations (emergency, transitional or other) or that is an institution that provides temporary residence for individuals intended to be institutionalized.

2/ Unsheltered homeless: persons or groups of persons having a primary nighttime residence that is a public or private place not designed for, or ordinarily used as, a regular sleeping accommodation for persons (including beaches, parks, automobiles, caves, benches, and abandoned or vacant buildings).

Source: State of Hawaii, Department of Human Services, Homeless Programs Office and The City & County of Honolulu, Department of Community Services, *Statewide Homeless Point-in-Time Count 2013 Methodology and Results* <<http://humanservices.hawaii.gov/bessd/files/2014/06/2014-Statewide-PIT-Report-Rev-CP-5.91.pdf>> accessed June 15, 2015 and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 11.19-- HAWAII STATE EMPLOYEES' RETIREMENT SYSTEM:  
1992 TO 2014**

[As of June 30 unless otherwise noted]

Year	Member- ship, 1/	Pensioners and beneficiaries, 1/	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	1,975	12,210,645
2011	71,959	39,689	11,642,278	960,219	2,059	13,325,781
2012	72,508	40,774	11,285,930	1,015,448	2,117	11,634,196
2013	73,538	41,812	12,357,826	1,060,561	2,171	12,277,277
2014	75,311	43,087	14,203,015	1,122,446	(NA)	12,626,030

NA Not available.

1/ March 31 from 1992 through 2011, June 30 thereafter.

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 June 16, 2015, and records.

**Table 11.20-- UNEMPLOYMENT INSURANCE: 1987 TO 2012**

[Covering private industry, Federal, State and County governments and nonprofit organizations. Based on numbers of unemployed that were revised in the new modeling approach (redesign) and reestimation of the cooperative program of Federal (U.S. Bureau of Labor Statistics) and State (Hawaii State Department of Labor & Industrial Relations "Local Area Unemployment Statistics")]

Calendar year	Covered employment	Insured unemployment		Average weekly wages (dollars)	Benefit payments (\$1,000)	Average weekly benefits (dollars)	Average benefit duration (weeks)
		Weekly average	Percent coverage				
1987	470,179	7,329	39.5	364.79	49,900	149.50	13.4
1988	485,707	6,708	42.7	392.73	50,659	162.51	13.5
1989	508,673	5,238	41.7	415.75	40,833	170.03	12.0
1990	533,229	5,722	42.7	444.92	50,269	189.40	11.4
1991	541,415	8,106	51.6	463.43	83,530	205.70	13.0
1992	544,718	11,933	48.8	492.94	144,741	235.48	14.8
1993	542,333	13,227	52.1	503.02	165,877	246.31	17.6
1994	540,015	15,228	50.7	514.13	193,878	258.72	17.4
1995	535,640	15,819	48.7	518.88	208,316	262.21	16.0
1996	533,123	15,351	43.8	526.04	200,050	261.07	17.8
1997	534,210	13,819	39.6	545.20	176,659	259.30	17.1
1998	533,147	12,978	38.0	558.83	162,013	258.08	16.4
1999	536,979	11,042	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	8,513	42.7	677.21	121,244	311.69	15.6
2005	602,837	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	45.1	782.72	226,187	405.92	13.9
2009	591,054	20,484	47.1	795.90	401,227	411.08	18.9
2010	585,298	17,837	40.9	803.18	341,545	406.43	19.7
2011	592,537	14,721	34.7	817.49	278,391	405.08	18.4
2012	603,796	13,085	35.4	835.33	254,098	412.68	17.9

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: 2002 TO 2012**

[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
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
2012						
State total	36	209	15,806	95,239	372	2,343
Oahu	24	142	13,638	77,214	309	1,811
Neighbor Islands	12	67	2,168	18,025	63	532

NA Not available.

D Withheld to avoid disclosing data of individual companies.

Source: 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](http://factfinder.census.gov/servlet/DatasetMainPageServlet?_program=ECN&_tabId=ECN1&_submenuId=datasets_4&_lang=en&_ts=246366688395)> accessed May 28, 2010. 2012 Economic Census of the United States, Health Care and Social Assistance, Geographic Area Series: Summary Statistics: 2007, via American FactFinder <<http://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>> accessed June 22, 2015.

**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]

<b>Subject</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2007</b>	<b>2008</b>
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](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]

<b>Type</b>	<b>No. of organizations</b>	<b>Total assets</b>	<b>Total liabilities</b>	<b>Contributions, gifts &amp; grants</b>	<b>Total revenue</b>	<b>Total expenses</b>
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 organizations	Total assets	Total liabilities	Contributions, 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): 1997 TO 2015**

Area, authority, and year of publication	Number of areas ranked	State or Honolulu rank 1/
State		
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
CQ Press, 2013	50	23
CQ Press, 2014	50	22
CQ Press, 2015	50	32
Honolulu MSA		
<i>Money</i> , 1997	300	167
<i>Money</i> , 1998 3/	23	16
<i>Money</i> , 2000	100	45
<i>Money</i> , 2001	100	45
<i>Money</i> , 2002	100	45
<i>Money</i> , 2004	87	(NA)
<i>Money</i> , 2005	100	(NA)
<i>Money</i> , 2006	100	(NA)
<i>Money</i> , 2007	100	(NA)
<i>Money</i> , 2008	100	(NA)
<i>Money</i> , 2009	100	(NA)
<i>Money</i> , 2010	100	(NA)
<i>Money</i> , 2011	100	(NA)
<i>Money</i> , 2012	100	(NA)
<i>Money</i> , 2013	50	(NA)
<i>Money</i> , 2014	50	(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://time.com/money/collection/best-places-to-live/best-places-to-live-3/>> accessed July 10, 2015.



## Section 12

# LABOR FORCE, EMPLOYMENT, AND EARNINGS

This section presents statistics on the size and composition of the labor force, employment by occupation, industry, and class of worker, payrolls, wage rates, hours, industrial safety, unionization, and strikes. Related series appear in Sections 3, 9, 10, and 19 through 23.

Principal sources for the data on labor force, employment, place of work, hours, earnings, unions and strikes are the decennial reports of the U.S. Census Bureau, the same agency's Current Population Survey 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*.

**Table**  
**Number**   **Table Name**

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Narrative

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

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**Table 12.01-- LABOR FORCE STATUS, BY SEX: 1980 TO 2013**

<b>Sex and labor force status</b>	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>BOTH SEXES</b>							
Persons 16 years & over	723,479	855,518	950,055	1,093,645	1,102,147	1,122,846	1,128,541
Labor force	494,223	602,348	612,831	728,635	718,139	735,451	730,827
Percent in labor force	68.3	70.4	64.5	66.6	65.2	65.5	64.8
Armed forces	58,443	54,001	39,036	34,190	36,340	37,549	45,642
Civilian labor force	435,780	548,347	573,795	694,445	681,799	697,902	685,185
Employed	415,181	529,059	537,909	638,191	629,523	648,504	643,571
Unemployed	20,599	19,288	35,886	56,254	52,276	49,398	41,614
Percent of civ. lab. force	4.7	3.5	6.3	8.1	7.7	7.1	6.1
Not in labor force	229,256	253,170	337,224	365,010	384,008	387,395	397,714
<b>MALE</b>							
Persons 16 years & over	370,683	434,203	473,542	545,137	548,240	563,029	568,536
Labor force	290,420	335,651	331,177	388,969	387,494	400,770	399,951
Percent in labor force	78.3	77.3	69.9	71.4	70.7	71.2	70.3
Armed forces	54,032	47,441	34,368	30,229	32,348	33,816	40,615
Civilian labor force	236,388	288,210	296,809	358,740	355,146	366,954	359,336
Employed	225,331	277,735	276,483	326,909	324,396	339,042	336,565
Unemployed	11,057	10,475	20,326	31,831	30,750	27,912	22,771
Percent of civ. lab. force	4.7	3.6	6.8	8.9	8.7	7.6	6.3
Not in labor force	80,263	98,552	142,365	156,168	160,746	162,259	168,585
<b>FEMALE</b>							
Persons 16 years & over	352,796	421,315	476,513	548,508	553,907	559,817	560,005
Labor force	203,803	266,697	281,654	339,666	330,645	334,681	330,876
Percent in labor force	57.8	63.3	59.1	61.9	59.7	59.8	59.1
Armed forces	4,411	6,560	4,668	3,961	3,992	3,733	5,027
Civilian labor force	199,392	260,137	276,986	335,705	326,653	330,948	325,849
Employed	189,850	251,324	261,426	311,282	305,127	309,462	307,006
Unemployed	9,542	8,813	15,560	24,423	21,526	21,486	18,843
Percent of civ. lab. force	4.8	3.4	5.6	7.3	6.6	6.5	5.8
Not in labor force	148,993	154,618	194,859	208,842	223,262	225,136	229,129

Source: U.S. Bureau of the Census, *1980 Census of Population, General Social and Economic Characteristics, Hawaii*, PC80-1-C13 (June 1983), table 61; *1990 Census of Population, Social and Economic Characteristics, Hawaii*, 1990 CP-2-13 (September 1993), table 24; Census 2000, Table DP-3. Profile of Selected Economic Characteristics: 2000, Geographic area: Hawaii <<http://www.hawaii.gov/dbedt/census2k/profile-state/04015.pdf>> accessed July 23, 2004; U.S. Census Bureau American FactFinder, American Community Survey 1-Year Estimates Hawaii DP03 Selected Economic 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) <<http://census.hawaii.gov/acs/>> accessed January 16, 2015; and calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table 12.02-- LABOR FORCE CHARACTERISTICS, BY COUNTY: 2009-2013**

[In number and percent. Average of 2009-2013]

Subject	State total	Hawaii	Honolulu	Kalawao	Kauai	Maui
Population 16 to 64 years	900,615	120,634	632,498	52	43,799	103,632
Male	461,335	60,693	325,956	31	22,101	52,554
Worked in past 12 months (percent)	81.4	73.6	83.1	96.8	78.6	81.5
Usually worked 35 or more hours per week (percent)	66.6	56.2	69.6	90.3	60.5	62.9
50 to 52 weeks (percent)	57.7	46.9	61.2	83.9	49.5	51.6
Female	439,280	59,941	306,542	21	21,698	51,078
Worked in past 12 months (percent)	73.8	69.7	73.9	100.0	73.2	78.0
Usually worked 35 or more hours per week (percent)	52.4	46.3	53.4	76.2	52.4	53.9
50 to 52 weeks (percent)	44.8	40.1	45.7	57.1	44.9	45.0
Females 16 years and over	552,879	75,161	387,680	37	27,496	62,505
In labor force	334,539	43,570	232,822	29	16,736	41,382
Employed or in Armed Forces	314,141	39,953	219,830	29	15,832	38,497
Own children under 18 years in families and subfamilies	286,828	39,276	199,640	-	14,277	33,635
Under 6 years	101,560	13,474	71,346	-	5,105	11,635
All parents in family in labor force	66,689	9,372	44,952	-	3,510	8,855
All parents in family in labor force (percent)	65.7	69.6	63.0	0.0	68.8	76.1
Living with two parents, both parents in labor force	40,927	4,923	29,230	-	2,121	4,653
Living with two parents, mother only in labor force	2,007	145	1,536	-	48	278
Living with one parent, mother in labor force	18,060	2,808	11,327	-	894	3,031

Source: U.S. Census Bureau, 2009-2013 American Community Survey for Hawaii State and counties "S2303 Work Status In The Past 12 Months" and "B23008 Age of Own Children Under 18 Years In Families And Subfamilies, By Living Arrangements, By Employment Status of Parents" <<http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>> and as compiled by Hawaii Department of Business, Economic Development & Tourism, Hawaii State Data Center "DP03: Selected Economic Characteristics: 2009-2013" <<http://census.hawaii.gov/acs/american-community-survey-2013/acs-2013-geographic-5yr/>> accessed January 7, 2015.

**Table 12.03-- SELECTED LABOR FORCE AND COMMUTING  
CHARACTERISTICS, BY GEOGRAPHIC AREA: 2009-2013**

[Average of 2009-2013]

<b>Subject</b>	<b>State total</b>	<b>Hawaii</b>	<b>Honolulu</b>	<b>Kalawao</b>	<b>Kauai</b>	<b>Maui</b>
<b>Employment status</b>						
Population 16 years and over	1,104,534	149,467	775,949	71	54,399	124,648
In labor force	728,795	91,435	515,328	59	34,895	87,078
Civilian labor force	688,820	91,285	475,865	51	34,748	86,871
Employed	640,072	81,463	446,822	51	32,247	79,489
Unemployed	48,748	9,822	29,043	-	2,501	7,382
Percent unemployed	7.1	10.8	6.1	0.0	7.2	8.5
Armed forces	39,975	150	39,463	8	147	207
Not in labor force	375,739	58,032	260,621	12	19,504	37,570
<b>Females 16 years and over</b>						
In labor force	334,539	43,570	232,822	29	16,736	41,382
Civilian labor force	329,586	43,561	227,937	29	16,724	41,335
Employed	309,188	39,944	214,945	29	15,820	38,450
<b>Own children under 6 years</b>						
All parents in family	101,560	13,474	71,346	-	5,105	11,635
in labor force 1/	66,689	9,372	44,952	-	3,510	8,855
<b>Commuting to work</b>						
Workers 16 years and over	663,718	79,412	475,969	58	31,296	76,983
Car, truck, or van - drove alone	441,988	56,705	307,904	14	23,677	53,688
Car, truck or van - carpooled	95,287	10,597	69,859	4	4,048	10,779
Public trans. (excluding taxicab)	42,251	1,229	38,715	-	262	2,045
Walked	31,081	2,026	25,044	19	1,055	2,937
Other means	22,919	1,880	18,247	19	584	2,189
Worked at home	30,192	6,975	16,200	2	1,670	5,345
Mean travel time to work (min.)	26	25	27	10	21	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, 2009-2013 American Community Survey 5-Year Estimates, Selected Economic Characteristics: 2009-2013 Hawaii, counties, and places as extracted by Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center, American Community Survey 2012 Hawaii Geographic Area Profiles (5-Year Estimates) "DP03: Selected Economic Characteristics"  
<<http://census.hawaii.gov/acs/american-community-survey-2013/acs-2013-geographic-5yr/>> accessed June 16, 2015.

**Table 12.04-- LABOR FORCE STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION 16 YEARS AND OVER: ANNUAL AVERAGE, 2012 TO 2014**

[Numbers in thousands and percent. 2013 data are revised and 2014 data are preliminary]

Population group	Persons 16 years and over			16 to 19 years (both sexes)
	Both sexes	Men	Women	
2012				
Civilian noninstitutional population	1,066	518	549	77
Civilian labor force	646	342	303	19
Percent of population	60.5	66.2	55.2	25.1
Employment	607	321	286	14
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	420	176	246	58
2013				
Civilian noninstitutional population	1,070	521	549	74
Civilian labor force	645	345	300	19
Percent of population	60.3	66.2	54.7	25.7
Employment	614	326	288	16
Percent of population	57.4	62.5	52.5	21.1
Unemployment	31	19	12	3
Rate	4.8	5.5	4.1	18.1
Not in civilian labor force	425	176	249	55
2014				
Civilian noninstitutional population	1,079	526	553	73
Civilian labor force	668	353	315	22
Percent of population	61.9	67.1	57.0	30.0
Employment	639	336	302	18
Percent of population	59.2	63.9	54.7	25.2
Unemployment	29	16	13	3
Rate	4.4	4.7	4.1	15.7
Not in civilian labor force	411	173	238	51

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment, 2012* (Bulletin 2775, August 2013) 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" <<http://www.bls.gov/lau/ptable14full2012.pdf>> accessed March 4, 2014; Ibid. 2013 <<http://www.bls.gov/lau/ptable14full2013.pdf>> accessed March 12, 2015; "Preliminary 2014 Data on Employment Status by State and Demographic Group" <<http://www.bls.gov/lau/ptable14full2014.pdf>> accessed March 12, 2015; 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: 2012 AND 2013**

[Totals may not add due to rounding. Estimates from Annual Local Area Unemployment Statistics (LAUS) and based on U.S. Census Bureau, American Community 5-year average: 2006-2010]

Race or origin 1/	Civilian labor force		Unemployed (percent)	
	Both sexes	Female	Both sexes	Female
2012				
All races	651,600	311,550	5.8	4.8
One race				
White	169,250	75,350	6.4	5.6
Black or African American	8,800	3,350	6.8	5.7
American Indian and Alaska Native	1,000	550	3.2	2.4
Asian	289,400	145,950	3.5	2.8
Native Hawaiian and other Pacific Islander	61,750	28,050	9.7	8.6
Some other race	9,500	4,500	13.8	13.1
Two or more races	111,800	53,850	8.2	6.5
Minority group 2/ Hispanic or Latino	482,350 50,600	236,250 24,700	5.6 10.2	4.5 9.2
2013				
All races	648,850	310,850	4.8	3.9
One race				
White	168,350	75,050	5.2	4.6
Black or African American	8,750	3,350	5.6	4.7
American Indian and Alaska Native	1,000	550	2.6	2.0
Asian	289,500	146,200	2.8	2.2
Native Hawaiian and other Pacific Islander	61,050	27,750	8.0	7.1
Some other race	9,350	4,400	11.5	10.8
Two or more races	110,850	53,550	6.7	5.3
Minority group 2/ Hispanic or Latino	480,450 49,950	235,800 24,450	4.6 8.5	3.7 7.6

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/gsipub/index.asp?docid=462>> accessed January 7, 2015.

**Table 12.06-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE:  
ANNUAL AVERAGE, 1976 TO 2014**

[Data revised 1976 to 2013. Data rounded to nearest 50, except percent employed which is rounded to 0.1 percent]

Year	Labor force	Employed	Unemployed	
			Number	Percent
1976	409,850	371,350	38,500	9.4
1977	416,900	384,050	32,850	7.9
1978	418,450	388,850	29,600	7.1
1979	425,550	399,650	25,900	6.1
1980	438,850	416,800	22,050	5.0
1981	450,200	425,800	24,350	5.4
1982	458,800	429,800	28,950	6.3
1983	471,600	442,500	29,100	6.2
1984	473,000	446,150	26,850	5.7
1985	479,150	453,350	25,800	5.4
1986	491,400	467,950	23,450	4.8
1987	510,650	491,200	19,400	3.8
1988	517,800	501,350	16,450	3.2
1989	527,500	514,150	13,300	2.5
1990	550,900	536,200	14,700	2.7
1991	571,600	555,200	16,400	2.9
1992	584,250	558,950	25,300	4.3
1993	586,400	560,100	26,300	4.5
1994	585,200	552,900	32,300	5.5
1995	586,500	552,000	34,450	5.9
1996	595,600	558,150	37,450	6.3
1997	600,950	563,600	37,350	6.2
1998	601,600	564,950	36,650	6.1
1999	602,900	570,400	32,500	5.4
2000	605,950	580,200	25,750	4.2
2001	610,650	583,200	27,450	4.5
2002	600,900	575,600	25,350	4.2
2003	603,100	578,300	24,800	4.1
2004	610,900	590,150	20,750	3.4
2005	626,900	608,950	17,950	2.9
2006	638,250	621,550	16,700	2.6
2007	638,400	620,550	17,850	2.8
2008	639,700	612,100	27,550	4.3
2009	631,700	586,500	45,150	7.2
2010	647,250	602,300	44,950	6.9
2011	660,150	615,100	45,000	6.8
2012	648,000	609,100	38,950	6.0
2013	651,100	619,550	31,550	4.8
2014	668,200	639,000	29,150	4.4

1/ DLIR benchmarked data in March, 2015. Data for 1976 to 2014 have been re-estimated using a new generation of time series models and 2010 to 2014 have been benchmarked and reflect revised inputs.

Source: Hawaii State Department of Labor & Industrial Relations, "State of Hawaii Not Seasonally Adjusted Civilian Labor Force (B)"

<[https://www.hiwi.org/admin/gsipub/htmlarea/uploads/LFR\\_LAUS\\_LF.xls](https://www.hiwi.org/admin/gsipub/htmlarea/uploads/LFR_LAUS_LF.xls)> accessed March 18, 2015.

**Table 12.07-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE,  
BY COUNTY: ANNUAL AVERAGE, 1990 TO 2014**

[Data rounded to nearest 50, except percent employed which is rounded to 0.1 percent]

Year	Honolulu	Hawaii	Kauai	Maui
Civilian labor force				
1990	409,000	58,400	26,150	57,400
1991	418,200	63,600	28,500	61,350
1992	423,850	65,200	29,400	65,800
1993	426,450	65,450	28,450	66,050
1994	424,600	65,600	28,700	66,300
1995	425,450	65,250	28,850	66,950
1996	430,850	67,400	29,100	68,250
1997	432,750	69,400	28,900	69,950
1998	432,450	69,350	29,000	70,800
1999	430,450	70,500	29,350	72,600
2000	430,900	73,900	30,250	70,950
2001	431,950	75,750	30,250	72,650
2002	424,150	75,450	30,000	71,350
2003	424,450	76,750	30,650	71,250
2004	428,000	78,350	31,200	73,400
2005	439,250	80,750	31,900	75,000
2006	444,800	83,850	32,450	77,150
2007	442,500	84,800	32,650	78,450
2008	443,900	84,900	32,650	78,250
2009	439,750	83,900	32,000	76,050
2010	446,200	87,750	34,300	78,950
2011	456,100	88,650	34,900	80,500
2012	448,600	86,200	33,900	79,250
2013	451,250	86,100	33,950	79,850
2014	463,550	87,350	34,600	82,650
Civilian employed				
1990	400,200	56,150	25,100	54,750
1991	409,350	60,600	27,300	57,900
1992	411,800	60,200	26,500	60,400
1993	412,700	60,350	24,700	62,450
1994	406,700	59,100	24,950	62,200
1995	405,850	58,600	25,550	62,050
1996	408,400	60,850	25,600	63,350
1997	410,500	62,500	25,700	64,850
1998	409,850	62,850	26,200	66,100
1999	410,000	64,550	27,200	68,600
2000	413,100	70,150	28,750	68,150
2001	413,200	71,750	28,650	69,550
2002	406,700	71,850	28,600	68,450
2003	407,550	73,000	29,350	68,450
2004	413,900	75,150	30,100	71,000
2005	427,000	78,000	31,000	72,950
2006	433,500	81,200	31,650	75,250
2007	430,850	81,750	31,800	76,150
2008	426,850	79,800	31,100	74,400
2009	413,200	75,350	28,850	69,100
2010	419,650	79,100	31,300	72,200
2011	429,250	79,950	31,850	74,100
2012	424,450	79,050	31,450	74,200
2013	431,350	80,400	32,050	75,750
2014	444,700	82,500	32,950	78,900

Continued on next page.

**Table 12.07-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE,  
BY COUNTY: ANNUAL AVERAGE, 1990 TO 2014 -- Con.**

Year	Honolulu	Hawaii	Kauai	Maui
Unemployed				
1990	8,800	2,250	1,050	2,650
1991	8,850	2,950	1,200	3,400
1992	12,050	5,000	2,900	5,400
1993	13,750	5,100	3,800	3,650
1994	17,900	6,500	3,750	4,150
1995	19,600	6,650	3,300	4,900
1996	22,450	6,600	3,500	4,900
1997	22,250	6,900	3,150	5,100
1998	22,600	6,500	2,800	4,700
1999	20,450	5,900	2,150	4,000
2000	17,750	3,700	1,450	2,800
2001	18,750	4,000	1,600	3,100
2002	17,450	3,600	1,350	2,900
2003	16,900	3,800	1,300	2,850
2004	14,100	3,200	1,100	2,350
2005	12,250	2,800	900	2,050
2006	11,300	2,600	850	1,950
2007	11,650	3,000	900	2,300
2008	17,100	5,100	1,600	3,800
2009	26,550	8,550	3,150	6,950
2010	26,550	8,650	3,000	6,750
2011	26,850	8,750	3,050	6,400
2012	24,200	7,150	2,500	5,100
2013	19,900	5,700	1,900	4,100
2014	18,900	4,850	1,700	3,750
Percent unemployed				
1990	2.1	3.9	3.9	4.6
1991	2.1	4.6	4.3	5.6
1992	2.8	7.7	9.9	8.2
1993	3.2	7.8	13.3	5.5
1994	4.2	9.9	13.1	6.2
1995	4.6	10.2	11.4	7.3
1996	5.2	9.8	12.0	7.2
1997	5.1	9.9	11.0	7.3
1998	5.2	9.4	9.7	6.6
1999	4.7	8.4	7.4	5.5
2000	4.1	5.0	4.8	3.9
2001	4.3	5.3	5.4	4.3
2002	4.1	4.8	4.6	4.1
2003	4.0	4.9	4.2	4.0
2004	3.3	4.1	3.5	3.2
2005	2.8	3.4	2.8	2.7
2006	2.5	3.1	2.6	2.5
2007	2.6	3.6	2.7	2.9
2008	3.8	6.0	4.8	4.9
2009	6.0	10.2	9.8	9.1
2010	6.0	9.9	8.8	8.5
2011	5.9	9.9	8.7	7.9
2012	5.4	8.3	7.3	6.4
2013	4.4	6.6	5.6	5.1
2014	4.1	5.5	4.9	4.5

1/ In March 2015, 1976 to 2014 were re-estimated using a new generation of time series models. Data for 2010 to 2014 have been benchmarked and reflect revised inputs.

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](https://www.hiwi.org/admin/gsipub/htmlarea/uploads/LFR_LAUS_LF.xls)> accessed March 16, 2015.

**Table 12.08-- UNEMPLOYMENT INSURANCE BENEFITS AND DURATION  
FOR THE UNITED STATES, THE 50 STATES, DISTRICT OF COLUMBIA,  
PUERTO RICO AND THE VIRGIN ISLANDS: 2014 4th QUARTER**

<b>Area</b>	<b>State regular benefits paid (\$1,000) 1/</b>	<b>State extended benefits paid (\$1,000) 1/</b>	<b>Average weekly benefit amount (dollars) 2/</b>	<b>Average duration (weeks) 3/</b>	<b>Average benefits per first payment (dollars) 4/</b>
United States	7,553,194	159	317.93	16.4	4,974
Alabama	52,630	-	214.34	15.4	3,207
Alaska	32,296	-	261.11	18.6	4,583
Arizona	72,160	1	223.56	16.0	3,496
Arkansas	56,319	-	294.53	14.4	3,949
California	1,330,362	9	302.95	18.1	5,224
Colorado	111,472	-	374.37	14.9	5,373
Connecticut	164,294	-	350.96	17.8	5,311
Delaware	18,352	-	249.95	21.6	5,195
District of Columbia	30,114	-	294.09	19.2	5,559
Florida	167,691	58	237.05	17.5	4,076
Georgia	109,571	-	268.59	10.4	2,699
Hawaii	41,655	-	439.10	16.6	6,959
Idaho	24,799	-	291.15	12.5	3,368
Illinois	413,883	4	325.74	18.0	5,859
Indiana	84,956	4	252.07	15.3	3,792
Iowa	90,732	-	354.28	12.9	4,322
Kansas	63,216	-	357.60	13.6	4,665
Kentucky	73,991	-	298.17	20.2	5,705
Louisiana	40,883	-	206.40	15.2	3,124
Maine	26,008	-	289.35	14.3	4,028
Maryland	147,668	-	323.68	17.3	5,449
Massachusetts	349,730	-	441.04	18.1	7,653
Michigan	180,998	1	271.23	13.0	3,558
Minnesota	172,117	-	394.88	16.8	6,361
Mississippi	28,748	-	202.67	15.6	2,994
Missouri	79,341	-	247.08	14.1	3,297
Montana	23,894	-	292.76	16.3	4,364
Nebraska	21,147	-	293.73	12.5	3,530
Nevada	92,220	-	317.52	16.1	4,804
New Hampshire	16,476	11	300.40	14.1	3,918
New Jersey	511,105	-	406.98	18.5	7,103
New Mexico	42,582	2	306.52	19.1	5,729
New York	583,307	4	313.95	18.3	5,319
North Carolina	81,510	1	232.47	14.1	3,156
North Dakota	18,278	-	443.89	11.9	5,036

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: 2014 4th QUARTER -- Con.**

<b>Area</b>	<b>State regular benefits paid (\$1,000) 1/</b>	<b>State extended benefits paid (\$1,000) 1/</b>	<b>Average weekly benefit amount (dollars) 2/</b>	<b>Average duration (weeks) 3/</b>	<b>Average benefits per first payment (dollars) 4/</b>
Ohio	212,305	7	331.70	15.5	4,971
Oklahoma	51,513	-	324.28	16.6	5,149
Oregon	130,149	-	339.01	17.1	5,421
Pennsylvania	520,595	29	371.03	16.9	5,742
Puerto Rico	40,642	-	117.99	19.5	2,274
Rhode Island	34,661	-	335.90	16.0	5,247
South Carolina	37,359	-	253.82	11.8	2,858
South Dakota	5,560	-	293.86	14.3	4,088
Tennessee	68,425	-	224.39	13.8	3,032
Texas	499,247	3	359.65	15.9	5,411
Utah	37,339	-	352.42	13.2	4,554
Vermont	12,193	-	325.56	13.6	3,862
Virgin Islands	3,052	-	309.54	17.4	5,057
Virginia	106,606	-	300.74	16.1	4,699
Washington	243,315	3	401.91	15.5	5,820
West Virginia	44,664	-	287.82	16.1	4,342
Wisconsin	136,994	20	289.50	15.3	3,963
Wyoming	14,072	-	359.88	14.6	5,183

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 2014"

<<http://www.ows.doleta.gov/unemploy/content/data.asp>> accessed April 20, 2015.

**Table 12.09-- CHARACTERISTICS OF THE INSURED UNEMPLOYED:  
ANNUAL AVERAGE, 2014**

[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	0.1
Age		Information not available	10.9
Under 22 years	1.2	Occupation	
22 to 24 years	3.4	Management	7.6
25 to 34 years	22.8	Business/financial operations	2.5
35 to 44 years	23.0	Computer/mathematical	1.0
45 to 54 years	24.3	Architecture/engineering	0.7
55 to 64 years	19.2	Life/physical/social science	0.7
65 years and over	6.0	Community/social services	1.1
Sex		Legal	0.4
Male	65.5	Education/training/library	2.6
Female	34.5	Arts/entertainment/sports	2.5
Duration		Healthcare practitioner/technical	1.3
1 to 4 weeks	40.3	Healthcare support	1.5
5 to 14 weeks	36.2	Protective service	1.2
15 weeks and over	23.5	Food preparation/serving	7.0
Industry		Building/grounds maintenance	2.5
Government - state	3.3	Personal care/service	2.0
Government - county	0.4	Sales related	5.9
Agriculture/forestry/fishing	1.8	Office/administrative support	9.3
Mining 1/	0.0	Farming/fishing/forestry	2.1
Utilities	0.2	Construction/extraction	32.3
Construction	30.4	Installation/maintenance/repair	3.2
Manufacturing	2.4	Production	2.7
Wholesale trade	1.7	Transportation/material moving	4.3
Retail trade	5.4	Information not available	5.7
Transportation/warehousing	3.8	Race	
Information	2.2	American Indian	0.5
Finance/insurance	1.6	Chinese	3.1
Real estate/rental/leasing	1.6	Filipino	18.1
Professional/technical services	3.8	Japanese	8.6
Management of companies	0.9	Other Asians	2.7
Administrative/waste services	11.6	Black	1.8
Educational services	1.0	Hawaiian	22.3
Health care/social assistance	5.1	Other Pacific Islander	5.4
Arts/entertainment/recreation	1.1	White & Latino	24.1
Accommodation/food services	8.6	Others	13.4
Other services	2.2	Information not available	0.1

1/ An industry may have claimants in one or more months in 2014 and yet round to 0.0 percent of total, e.g. Mining had an annual average of 1 claimant for 0.0 percent. Four months showed 0 claimants.

Source: Hawaii State Department of Labor & Industrial Relations "Characteristics of the Insured Unemployed in Hawaii - 2014" <<http://labor.hawaii.gov/rs/files/2013/01/CIUpub2014-final.pdf>> accessed July 24, 2015.

**Table 12.10-- WAGE AND SALARY JOBCOUNT: ANNUAL AVERAGE,  
1990 TO 2014**

[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 and Kauai counties 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/	600,400	441,400	63,350	28,300	67,300
2012 1/ 2/	613,300	(NA)	(NA)	(NA)	(NA)
2013 1/ 2/	625,600	(NA)	(NA)	(NA)	(NA)
2014 1/ 2/	632,300	(NA)	(NA)	(NA)	(NA)

1/ Data were benchmarked by the Department of Labor & Industrial Relations (DLIR) in March 2015.

2/ DLIR discontinued estimates of Agriculture jobs in December, 2011. DBEDT preliminary estimates are based on National Agricultural Statistics Service survey data.

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 March 16, 2015; and National Agricultural Statistics Service, Quick Stats - Query Database by Commodity, State, and Year <<http://quickstats.nass.usda.gov/>> accessed April 29, 2015. See also Hawaii State Department of Business, Economic Development & Tourism, *Quarterly Statistical & Economic Report, 2nd Quarter 2015* <[http://files.hawaii.gov/dbedt/economic/data\\_reports/qser/archive-qser/qser-2015q2.pdf](http://files.hawaii.gov/dbedt/economic/data_reports/qser/archive-qser/qser-2015q2.pdf)> accessed May 13, 2015.



**Table 12.11-- JOBCOUNT, BY NAICS INDUSTRY: ANNUAL AVERAGE,  
2010 TO 2014**

[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	2010	2011 1/	2012 1/	2013 1/	2014 1/
Total wage & salary 2/	593,200	600,300	612,800	624,100	632,300
Nonagriculture, wage & salary	586,900	593,400	606,300	617,600	625,300
Natural resources, mining, construction	28,900	28,800	29,400	30,800	31,600
Manufacturing	13,000	13,300	13,300	13,500	13,700
Durable goods	3,800	3,900	3,600	3,600	3,500
Non-durable goods	9,200	9,400	9,700	9,900	10,200
Trade, transportation & utilities	110,100	111,500	114,800	117,000	117,400
Wholesale trade	17,600	17,500	17,700	17,800	17,700
Retail trade	66,000	67,000	68,800	69,800	69,700
Transportation, warehousing & utilities	26,500	27,100	28,300	29,500	30,000
Utilities	3,200	3,300	3,600	3,800	3,800
Transportation & warehousing	23,300	23,700	24,800	25,700	26,200
Air transportation	7,100	7,100	7,700	8,300	8,600
Information	9,800	8,500	8,400	8,500	8,500
Telecommunications	3,600	3,500	3,600	3,700	3,900
Financial activities	26,900	26,600	26,700	27,100	27,400
Finance & insurance	15,600	15,300	15,200	15,300	15,400
Real estate, rental, leasing	11,300	11,400	11,500	11,800	12,000
Professional & business services	71,600	75,300	77,100	79,400	82,300
Education & health services	75,300	75,900	77,100	79,000	79,000
Education services	14,400	14,500	15,000	15,100	14,200
Health care & social assistance	60,900	61,400	62,200	63,900	64,800
Ambulatory health care services	23,600	24,100	24,900	25,400	26,200
Hospitals	14,500	14,600	14,300	14,700	14,900
Nursing & residential care facilities	7,300	7,400	7,600	7,900	8,000
Social assistance	15,500	15,300	15,400	16,000	15,700
Individual & Family Services	8,900	8,900	9,000	9,400	9,100
Leisure and hospitality	100,300	103,100	107,500	110,800	113,300
Arts, entertainment & recreation 3/	10,300	10,500	11,300	11,800	12,100
Accommodation & food services	89,900	92,500	96,200	99,000	101,200
Accommodation	34,500	35,800	37,700	38,500	39,300
Food services and drinking places	55,500	56,800	58,500	60,500	61,900
Full-Service Restaurants	28,200	29,900	31,900	33,100	34,100
Other services	25,900	25,900	26,300	26,700	26,500
Government	125,200	124,600	125,500	124,800	125,600
Federal	34,800	34,900	34,900	33,900	33,200
Department of Defense	18,500	19,100	19,100	18,300	17,800
State	71,700	71,100	72,100	72,200	73,600
Education (DOE & UH)	47,400	47,900	48,000	47,700	49,000
Local	18,700	18,500	18,500	18,700	18,800
Agriculture 2/	6,300	7,000	7,000	7,000	7,000

1/ DLIR benchmarked data in March, 2015.

2/ DLIR discontinued estimates 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/](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 March 16, 2015; and National Agricultural Statistics Service, Quick Stats - Query Database by Commodity, State, and Year <<http://quickstats.nass.usda.gov/>> accessed April 29, 2015. See also Hawaii State Department of Business, Economic Development & Tourism, *Quarterly Statistical & Economic Report*, 2nd Quarter 2015 <[http://files.hawaii.gov/dbedt/economic/data\\_reports/qser/archive-qser/qser-2015q2.pdf](http://files.hawaii.gov/dbedt/economic/data_reports/qser/archive-qser/qser-2015q2.pdf)> accessed April 29, 2015.

**Table 12.12-- EMPLOYMENT BY NAICS INDUSTRY: 2013**

[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	643,571	100.0
Agriculture, forestry, fishing and hunting, and mining	9,311	1.4
Construction	45,006	7.0
Manufacturing	18,623	2.9
Wholesale trade	14,750	2.3
Retail trade	74,868	11.6
Transportation and warehousing, and utilities	39,941	6.2
Information	11,524	1.8
Finance, insurance, real estate, and rental and leasing	43,527	6.8
Professional, scientific, management, administrative, and waste management services	60,784	9.4
Educational, health and social services	138,649	21.5
Arts, entertainment, recreation, accommodation and food services	102,940	16.0
Other services (except public administration)	26,272	4.1
Public administration	57,376	8.9

Source: U.S. Census Bureau, 2013 American Community Survey 1-Year Estimates, DP-03 Selected Economic Characteristics: 2013 Hawaii  
 <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13\\_1YR/DP03/0400000US15](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13_1YR/DP03/0400000US15)> accessed March 13, 2015.

**Table 12.13-- EMPLOYMENT BY THE 25 LARGEST PRIVATE EMPLOYERS: 2014**

[As of December 31]

Rank	Employer	Employees
1	The Queen's Health Systems	6,942
2	Hawaii Pacific Health	6,485
3	Starwood Hotels & Resorts Hawaii	5,659
4	Hilton Hotels Hawaii Region	5,400
5	Hawaiian Airlines, Inc.	5,380
6	Kaiser Foundation Health Plan & Hospitals	4,691
7	Hawaiian Electric Industries, Inc.	3,695
8	Securitas Security Services USA, Inc.	2,578
9	Outrigger Hotels Hawaii	2,296
10	Kamehameha Schools	2,203
11	First Hawaiian Bank	2,174
12	Bank of Hawaii Corp.	2,105
13	Safeway, Inc.	1,890
14	Oahu Transit Services, Inc.	1,850
15	Roberts Hawaii, Inc.	1,800
16	Hawaii Pacific University	1,730
17	Hawaii Medical Service Association	1,690
18	Servco Pacific, Inc.	1,630
19	Alexander & Baldwin, Inc.	1,502
20	Hawaiian Telcom HoldCo, Inc.	1,370
21	Oceanic Time Warner Cable	1,300
22	Four Seasons Resort Hualalai	1,300
23	Kuakini Health System	1,125
24	Matson, Inc.	1,056
25	Castle Medical Center	1,000

Source: *Pacific Business News*, "The List Nongovernment Employers - Statewide, Ranked by Number of Employees as of December 31, 2014" (July 10, 2015), page 22.

**Table 12.14-- JOBCOUNT BY NAICS INDUSTRY, BY COUNTY:  
ANNUAL AVERAGE, 2014**

[Data rounded to nearest 50. Totals may not add due to rounding or residual categories. Data are according to according to the North American Industry Classification System and were benchmarked in March, 2015]

Industry	State total	City & Cty of Honolulu	Hawaii County	Kauai County	Maui County
Total wage & salary 1/	632,300	(1/)	(1/)	(1/)	(1/)
Nonagriculture, wage & salary	625,300	461,600	63,500	29,400	71,300
Natural resources, mining, construction	31,600	23,800	3,300	1,200	3,300
Manufacturing	13,700	11,000	1,200	400	1,200
Durable goods	3,500	3,000	200	100	300
Non-durable goods	10,200	8,000	1,000	300	900
Trade, transportation & utilities	117,400	83,500	13,600	5,800	14,500
Wholesale trade	17,700	14,100	1,600	600	1,500
Retail trade	69,700	47,500	9,100	3,800	9,400
Transportation, warehousing & utilities	30,000	21,900	2,900	1,400	3,700
Utilities	3,800	(NA)	(NA)	(NA)	(NA)
Transportation & warehousing	26,200	19,300	(NA)	(NA)	(NA)
Air transportation	8,600	7,100	500	300	600
Information	8,500	7,100	600	200	600
Telecommunications	3,900	3,300	300	100	(NA)
Financial activities	27,400	20,700	2,600	1,400	2,800
Finance & insurance	15,400	12,900	1,100	600	800
Real estate, rental, leasing	12,000	7,800	(NA)	(NA)	(NA)
Professional & business services	82,300	66,300	6,400	2,800	7,000
Education & health services	79,000	62,200	8,100	2,700	6,200
Education services	14,200	11,800	1,200	200	1,100
Health care & social assistance	64,800	50,400	6,900	2,500	5,200
Ambulatory health care services	26,200	19,700	(NA)	(NA)	(NA)
Hospitals	14,900	14,000	(NA)	(NA)	(NA)
Nursing & residential care facilities	8,000	(NA)	(NA)	(NA)	(NA)
Social assistance	15,700	(NA)	(NA)	(NA)	(NA)
Individual & Family Services	9,100	(NA)	(NA)	(NA)	(NA)
Leisure and hospitality	113,300	67,700	13,100	9,300	23,200
Arts, entertainment & recreation 2/	12,100	7,100	1,700	1,200	2,100
Accommodation & food services	101,200	60,600	11,400	8,100	21,100
Accommodation	39,300	17,600	5,600	4,200	11,900
Food services and drinking places	61,900	43,000	5,800	3,900	9,200
Full-service restaurants	34,100	21,700	3,300	2,700	6,400
Other services	26,500	20,900	1,800	1,000	2,900
Government	125,600	98,500	12,800	4,600	9,700
Federal	33,200	30,500	1,400	500	800
Department of Defense	17,800	17,500	200	200	(NA)
State	73,600	55,800	8,700	2,800	6,300
Education (DOE & UH)	49,000	39,000	5,100	1,500	3,300
Local	18,800	12,200	2,700	1,300	2,700
Agriculture 1/	7,000	(1/)	(1/)	(1/)	(1/)

NA Not available.

1/ DLIR discontinued estimates of Agriculture jobs in December, 2011. DBEDT preliminary estimates are based on National Agricultural Statistics Service survey data.

2/ DLIR no longer provides Hawaii, Kauai, and Maui county detail. DBEDT calculates 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 March 16, 2015; and National Agricultural Statistics Service, Quick Stats - Query Database by Commodity, State, and Year <<http://quickstats.nass.usda.gov/>> accessed April 29, 2015. See also Hawaii State Department of Business, Economic Development & Tourism, *Quarterly Statistical & Economic Report, 2nd Quarter 2015* <[http://files.hawaii.gov/dbedt/economic/data\\_reports/qser/archive-qser/qser-2015q2.pdf](http://files.hawaii.gov/dbedt/economic/data_reports/qser/archive-qser/qser-2015q2.pdf)> accessed April 29, 2015.

**Table 12.15-- OCCUPATION: 2013**

[Economic characteristics not available from the Census 2010]

<b>Occupation</b>	<b>Number</b>	<b>Percent</b>
Civilian employed population 16 years and over	643,571	100.0
Management, business, science, and arts	220,337	34.2
Service	144,245	22.4
Sales and office	161,443	25.1
Natural resources, construction, and maintenance	60,000	9.3
Production, transportation, and material moving	57,546	8.9

Source: U.S. Census Bureau, 2013 American Community Survey 1-Year Estimates, DP-03 Selected Economic Characteristics: 2013 Hawaii  
<[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13\\_1YR/DP03/0400000US15](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13_1YR/DP03/0400000US15)> accessed March 13, 2015.

**Table 12.16-- 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 12.16-- 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](http://hawaii.gov/dbedt/info/economic/data_reports/2040-long-range-forecast)> accessed April 2, 2012.

**Table 12.17-- 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)]

<b>Industry</b>	<b>2010 1/</b>	<b>2015</b>	<b>2020</b>	<b>2025</b>	<b>2030</b>	<b>2035</b>	<b>2040</b>
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](http://hawaii.gov/dbedt/info/economic/data_reports/2040-long-range-forecast)> accessed April 2, 2012.



**Table 12.18-- EMPLOYMENT BY CLASS OF WORKER: 1940 TO 2013**

[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	
2012 2/	648,504	447,454	132,852	68,198	
2013 2/	643,571	462,020	135,462	46,089	

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 (in 2013 Inflation-Adjusted Dollars) for the Civilian Employed Population 16 Years and Over" <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13\\_1YR/S2408/0400000US15](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13_1YR/S2408/0400000US15)> (annual, beginning with the 2010) accessed January 8, 2015.

**Table 12.19-- FULL- AND PART-TIME EMPLOYMENT, BY TYPE AND BY STATUS: 1969 TO 2013**

[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	574,555	498,755	75,800	508,098	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 1/	738,304	606,429	131,875	683,445	54,859
1999 1/	737,193	607,879	129,314	684,114	53,079
2000 1/	752,662	624,169	128,493	700,166	52,496
2001 1/	756,549	628,021	128,528	702,897	53,652
2002 1/	761,948	631,241	130,707	709,029	52,919
2003 1/	778,184	642,743	135,441	725,393	52,791
2004 1/	802,419	658,782	143,637	748,661	53,758
2005 1/	826,725	675,167	151,558	773,706	53,019
2006 1/	849,035	691,638	157,397	794,672	54,363
2007 1/	872,497	700,035	172,462	817,982	54,515
2008 1/	867,867	695,313	172,554	811,820	56,047
2009 1/	840,409	668,084	172,325	784,746	55,663
2010 1/	833,447	662,167	171,280	777,210	56,237
2011 1/	845,010	670,300	174,710	787,923	57,087
2012 1/	859,755	682,476	177,279	802,299	57,456
2013	875,837	695,044	180,793	818,480	57,357

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, 2001-2013 (SA25N, September 30, 2014) <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1>> accessed September 30, 2014.

**Table 12.20-- CIVILIAN EMPLOYMENT, FULL- AND PART-TIME:  
ANNUAL AVERAGE, 2010 TO 2013**

[Number in thousands. No reports were issued for 2005 to 2007]

Year and population group	Total	Men	Women	16 to 19 years (both sexes)
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/)
2012				
Full- and part-time	607	321	286	13
Full-time total	493	274	219	4
Full-time not at work	16	7	8	(1/)
Part-time total	114	47	67	9
Economic reasons	29	14	15	2
Non- economic reasons	78	31	48	7
Not at work	6	2	4	(1/)
2013				
Full- and part-time	614	326	288	15
Full-time total	504	277	227	5
Full-time not at work	16	7	9	(1/)
Part-time total	110	49	61	10
Economic reasons	26	14	12	3
Non- economic reasons	78	33	45	7
Not at work	6	2	4	(1/)

1/ Fewer than 500 persons.

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment 2010*

<[http://www.bls.gov/opub/gp/pdf/gp10\\_16.pdf](http://www.bls.gov/opub/gp/pdf/gp10_16.pdf)> accessed March 27, 2012; Ibid. 2011

<[http://www.bls.gov/opub/gp/pdf/gp11\\_16.pdf](http://www.bls.gov/opub/gp/pdf/gp11_16.pdf)> accessed May 14, 2013; Ibid. 2012

<[http://www.bls.gov/opub/gp/pdf/gp12\\_16.pdf](http://www.bls.gov/opub/gp/pdf/gp12_16.pdf)> accessed October 22, 2013; and Ibid. 2013

<[http://www.bls.gov/opub/gp/pdf/gp13\\_16.pdf](http://www.bls.gov/opub/gp/pdf/gp13_16.pdf)> accessed January 8, 2015.

**Table 12.21-- OCCUPATION OF EMPLOYED CIVILIANS, BY SEX:  
ANNUAL AVERAGE, 2012 AND 2013**

Occupation	Both sexes	Men	Women
2012			
All occupations (in thousands)	607	321	286
Percent	100.0	100.0	100.0
Management, professional, and related	33.6	29.1	38.5
Management, business, and financial operations	14.1	13.2	15.0
Professional and related	19.5	15.9	23.5
Service	22.4	21.9	22.8
Sales and office	24.5	16.1	34.1
Sales and related	11.5	9.2	14.2
Office and administrative support	13.0	6.9	19.9
Natural resources, construction, and maintenance	10.2	18.4	1.1
Farming, fishing, and forestry	0.5	0.6	0.5
Construction and extraction	6.1	11.3	0.2
Installation, maintenance, and repair	3.6	6.5	0.4
Production, transportation, and material moving	9.3	14.5	3.4
Production	3.2	4.1	2.2
Transportation and material moving	6.1	10.4	1.2
2013			
All occupations (in thousands)	614	326	288
Percent	100.0	100.0	100.0
Management, professional, and related	34.2	29.8	39.2
Management, business, and financial operations	14.0	13.7	14.3
Professional and related	20.2	16.1	24.9
Service	22.4	22.4	22.3
Sales and office	24.5	16.5	33.4
Sales and related	11.8	10.2	13.5
Office and administrative support	12.7	6.3	19.9
Natural resources, construction, and maintenance	9.8	17.5	1.1
Farming, fishing, and forestry	0.7	0.9	0.5
Construction and extraction	5.7	10.5	0.2
Installation, maintenance, and repair	3.4	6.1	0.4
Production, transportation, and material moving	9.2	14.0	3.8
Production	2.7	3.5	1.8
Transportation and material moving	6.5	10.5	2.0

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment, 2012*, (Bulletin 2775, August 2013) "Table 18 Percent distribution of employed persons, by occupation, sex, race, and Hispanic or Latino ethnicity and marital status" <[http://www.bls.gov/opub/gp/pdf/gp12\\_18.pdf](http://www.bls.gov/opub/gp/pdf/gp12_18.pdf)> accessed March 4, 2014; and *Ibid. 2013* (Bulletin 2780, October 2014) accessed March 12, 2015.

**Table 12.22-- MULTIPLE JOBHOLDERS, NUMBERS AND PERCENT OF EMPLOYED FOR HAWAII AND PERCENT OF EMPLOYED FOR THE UNITED STATES: ANNUAL AVERAGE, 2000 TO 2013**

Year	Hawaii				United States
	Employed, 16 years & over 1/ 2/	Multiple jobholders			Multiple jobholders as percent of employed
		Number 1/	Percent of employed	Rank 3/	
2000	580,200	54,000	9.3	4	5.6
2001	583,200	57,200	9.8	3	5.4
2002	575,600	47,200	8.2	8	5.3
2003	578,300	44,000	7.6	13	5.3
2004	590,200	44,900	7.6	13	5.4
2005	609,000	48,700	8.0	12	5.3
2006	621,600	49,700	8.0	12	5.2
2007	620,600	50,900	8.2	8	5.2
2008	612,100	49,600	8.1	9	5.2
2009	586,500	45,200	7.7	9	5.2
2010	602,300	42,200	7.0	11	4.9
2011	615,100	37,500	6.1	15	4.9
2012	609,100	37,800	6.2	13	4.9
2013	619,600	35,900	5.8	21	4.9

1/ Rounded to the nearest hundred.

2/ Employed data benchmarked by Hawaii Department of Labor & Industrial Relations in March 2015.

3/ 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; in 2011 with New Hampshire and in 2013 with Ohio.

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; *Ibid.* December 2013

<<http://www.bls.gov/opub/mlr/2013/article/multiple-jobholding-in-states-in-2012-1.htm>> accessed December 20, 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](https://www.hiwi.org/admin/gsipub/htmlarea/uploads/LFR_LAUS_LF.xls)> accessed March 18, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 12.23-- WORKERS 16 YEARS AND OVER, BY PLACE OF RESIDENCE  
AND PLACE OF WORK: 2006-2010**

[Average over the period]

Place of residence	Place of work				
	Total	City and County of Honolulu	Hawaii County	Kauai County	Maui County 1/
Total	659,047	467,916	83,236	31,979	75,916
State of Hawaii	654,505	464,346	82,852	31,769	75,538
City and County of Honolulu	464,884	463,061	766	398	659
Hawaii County	82,757	626	81,872	72	187
Kauai County	31,780	241	179	31,246	114
Maui County 1/	75,084	418	35	53	74,578
U.S. states (excluding Hawaii) 2/	4,542	3,570	384	210	378

1/ Includes Kalawao County.

2/ Persons who are residents of other states and work in Hawaii.

Source: U.S. Census Bureau, Commuting and employment data "Table 2. Residence County to Workplace County Flows for the United States and Puerto Rico Sorted by Workplace Geography: 2006-2010"

<<http://www.census.gov/population/metro/files/commuting/Table2.xlsx>> accessed July 14, 2014.

**Table 12.24-- EMPLOYMENT AND WAGES: 2001 TO 2013**

[Workers covered by the Hawaii Employment Security Law and Unemployment Compensation for Federal Employees classified by industry, according 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				
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
2012	36,568	605,535	26,259,252	43,365
2013	36,840	618,425	27,104,442	43,828
Total, excl. gov't				
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
2012	36,562	484,078	19,773,483	40,848
2013	36,834	497,386	20,624,513	41,466
Private non-agr. 2/				
2001	33,838	438,283	13,105,583	29,902
2002	34,225	436,743	13,561,708	31,052
2003	35,337	446,437	14,322,498	32,082
2004	33,615	461,084	15,547,653	33,720
2005	34,678	479,673	16,635,943	34,682
2006	35,155	493,338	17,766,787	36,013
2007	36,474	500,336	18,782,326	37,539
2008	36,711	491,700	18,967,223	38,575
2009	37,088	463,296	18,042,111	38,943
2010	36,316	459,428	18,088,289	39,371
2011	36,003	466,567	18,621,443	39,912
2012	36,139	477,978	19,565,937	40,935
2013	36,407	491,256	20,417,110	41,561

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 January 9, 2015; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 12.25-- EMPLOYMENT AND WAGES, BY COUNTY: 2012 AND 2013**

[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]

<b>County</b>	<b>Number of reporting units, December 1/</b>	<b>Average employment</b>	<b>Total wages (\$1,000)</b>	<b>Average annual wage (dollars)</b>
2012 Total, including gov't				
State total	36,568	605,535	26,259,252	43,365
City and County of Honolulu	24,658	444,168	20,106,187	45,267
Hawaii County	4,782	63,204	2,360,720	37,351
Maui County	4,946	69,279	2,685,093	38,758
Kauai County	2,188	28,885	1,107,252	38,333
2012 Total, excluding gov't				
State total	36,562	484,078	19,773,483	40,848
City and County of Honolulu	24,655	348,693	14,974,262	42,944
Hawaii County	4,779	51,127	1,741,083	34,054
Maui County	4,943	59,814	2,185,964	36,546
Kauai County	2,185	24,444	872,175	35,681
2013 Total, including gov't				
State total	36,840	618,425	27,104,442	43,828
City and County of Honolulu	24,794	452,610	20,689,235	45,711
Hawaii County	4,772	64,810	2,471,226	38,130
Maui County	5,054	71,300	2,783,720	39,042
Kauai County	2,226	29,705	1,160,260	39,059
2013 Total, excluding gov't				
State total	36,834	497,386	20,624,513	41,466
City and County of Honolulu	24,791	357,788	15,599,464	43,600
Hawaii County	4,769	52,642	1,830,471	34,772
Maui County	5,051	61,768	2,275,795	36,844
Kauai County	2,223	25,189	918,782	36,476

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 October 27, 2014.



**Table 12.26-- EMPLOYMENT AND WAGES, BY NAICS INDUSTRY: 2013**

[Workers covered by the Hawaii Employment Security Law and Unemployment Compensation for Federal Employees Classified by Industry. Industries classified according to the North American Industry Classification System (NAICS)]

NAICS code	Industry	Number of reporting units, Dec. 1/	Average employment	Total wages (\$1,000)	Average annual wage (dollars)
	Total, including government	36,840	618,425	27,104,442	43,828
	Government	6	121,039	6,479,929	53,536
	Federal	1	33,872	2,331,284	68,826
	State	1	68,491	3,102,610	45,300
	County	4	18,676	1,046,034	56,010
	Total, excluding government	36,834	497,386	20,624,513	41,466
11	Ag., forestry, fishing & hunting	427	6,130	207,403	33,834
21	Mining	15	255	22,548	88,425
22	Utilities	82	3,767	347,762	92,318
23	Construction	3,468	30,738	1,997,733	64,992
31-33	Manufacturing	934	13,573	553,813	40,803
311	Food manufacturing	301	6,301	186,189	29,549
323	Printing & rel. support activ.	104	818	29,210	35,710
324	Petroleum & coal products	6	441	59,495	134,909
42	Wholesale trade	2,135	17,742	932,673	52,569
44-45	Retail trade	4,453	69,642	2,002,900	28,760
448	Clothing & clothing access.	1,119	11,584	265,829	22,948
48-49	Trans. & warehousing	973	25,749	1,166,522	45,304
487	Scenic & sightseeing trans.	215	3,967	130,134	32,804
51	Information	676	8,771	515,471	58,770
52	Finance and insurance	1,598	15,154	975,707	64,386
53	Real estate, rental & leasing	1,896	11,785	542,930	46,070
54	Prof. and tech. services	4,424	24,420	1,631,043	66,791
55	Mgt of companies & enterprises	440	8,236	681,153	82,704
56	Admin. and waste services	2,369	47,312	1,466,974	31,006
61	Educational services	692	13,989	534,140	38,183
62	Health care and soc. assist.	3,764	63,921	3,103,206	48,548
621	Amb. health care services	2,796	25,505	1,478,872	57,984
622	Hospitals	23	14,689	988,398	67,288
623	Nursing and resid. care fac.	169	7,876	270,958	34,403
624	Social assistance	776	15,852	364,978	23,024
71	Arts, entertain., and recrea.	629	11,973	307,719	25,701
72	Accom. and food services	3,698	99,290	2,842,622	28,629
721	Accommodation	414	38,531	1,655,215	42,958
722	Food services & drinking places	3,284	60,759	1,187,407	19,543
81	Other serv., exc. public adm.	3,761	24,748	778,882	31,473
99	Unclassified	400	189	13,308	70,411

1/ Nonprofit employers and employers with zero employment are included.

Source: Hawaii State Department of Labor and Industrial Relations, *2013 Employment and Payrolls in Hawaii* (October 2014) <[https://www.hiwi.org/admin/gsipub/htmlarea/uploads/LFR\\_QCEW\\_ES2013.pdf](https://www.hiwi.org/admin/gsipub/htmlarea/uploads/LFR_QCEW_ES2013.pdf)> accessed October 27, 2014.

**Table 12.27-- AVERAGE ANNUAL WAGE IN CURRENT AND  
CONSTANT DOLLARS: 1969 TO 2013**

[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	1992	25,532	155.1	16,462
1970	7,424	41.5	17,889	1993	26,544	160.1	16,580
1971	7,677	43.2	17,771	1994	26,718	164.5	16,242
1972	7,989	44.6	17,913	1995	26,983	168.1	16,052
1973	8,479	46.6	18,195	1996	27,359	170.7	16,028
1974	9,087	51.5	17,645	1997	28,356	171.9	16,496
1975	9,767	56.3	17,348	1998	29,029	171.5	16,927
1976	10,347	59.1	17,508	1999	29,788	173.3	17,189
1977	10,903	62.1	17,557	2000	30,628	176.3	17,373
1978	11,630	66.9	17,384	2001	31,241	178.4	17,512
1979	12,429	74.3	16,728	2002	32,669	180.3	18,119
1980	13,548	83.0	16,323	2003	33,735	184.5	18,285
1981	14,471	91.7	15,781	2004	35,191	190.6	18,463
1982	15,367	97.2	15,810	2005	36,347	197.8	18,376
1983	16,115	99.3	16,229	2006	37,784	209.4	18,044
1984	16,714	103.5	16,149	2007 2/	39,465	219.504	17,979
1985	17,335	106.8	16,231	2008 2/	40,664	228.861	17,768
1986	18,069	109.4	16,516	2009 2/	41,328	230.048	17,965
1987	19,060	114.9	16,588	2010 2/	41,681	234.869	17,746
1988	20,454	121.7	16,807	2011 2/	42,454	243.622	17,426
1989	21,635	128.7	16,810	2012 2/	43,365	249.474	17,383
1990	23,109	138.1	16,734	2013 2/	43,828	253.924	17,260
1991	24,051	148.0	16,251				

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](http://www.hiwi.org/admin/uploadedPublications/659_ES8500.txt)> and

2000-2013 <<https://www.hiwi.org/gsipub/index.asp?docid=420>> accessed October 27, 2014;

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;

1987-2013: 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>> February 20, 2014; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 12.28-- AVERAGE ANNUAL WAGE, IN CURRENT AND  
CONSTANT DOLLARS, BY SELECTED INDUSTRY: 2003 AND 2013**

[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	2003 1/	2013 2/		Percent change, 2003-2013 3/	
		Current dollars	2003 dollars 4/	Current dollars	2003 dollars 4/
All industries	33,735	43,828	31,845	29.9	-5.6
Federal	52,229	68,826	50,009	31.8	-4.3
State	34,826	45,300	32,915	30.1	-5.5
County	42,310	56,010	40,697	32.4	-3.8
Private	31,966	41,466	30,129	29.7	-5.7

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 37.6 percent from 2003 to 2013.

4/ Current dollars deflated by the Consumer Price Index (CPI-U) All Items for Honolulu, base shifted to 2003 = 100 or 137.628.

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 October 27, 2014; 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 20, 2014; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 12.29-- REPORTING UNITS AND EMPLOYMENT, BY SIZE OF FIRM: DECEMBER 2013**

[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	36,834	20,822	6,704	4,435	3,025	1,121	506	221
	Employment	509,280	33,219	44,469	59,753	91,935	78,020	74,230	127,654
City and County of Honolulu	Reporting units	24,791	14,007	4,330	2,993	2,118	810	378	155
	Employment	366,866	22,183	28,861	40,411	64,581	56,904	55,391	98,535
Hawaii County	Reporting units	4,769	2,665	989	580	347	118	48	22
	Employment	53,745	4,261	6,419	7,699	10,341	8,118	7,276	9,631
Maui County	Reporting units	5,051	2,875	982	586	387	129	55	37
	Employment	63,264	4,661	6,517	7,951	11,682	8,715	7,632	16,106
Kauai County	Reporting units	2,223	1,275	403	276	173	64	25	7
	Employment	25,405	2,114	2,672	3,692	5,331	4,283	3,931	3,382

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, *2013 Employment and Payrolls in Hawaii* (October 2014), p. 90  
[https://www.hiwi.org/admin/gsipub/htmlarea/uploads/LFR\\_QCEW\\_ES2013.pdf](https://www.hiwi.org/admin/gsipub/htmlarea/uploads/LFR_QCEW_ES2013.pdf) accessed October 27, 2014.

**Table 12.30-- ANNUAL AVERAGE WAGES, TOTAL AND PRIVATE  
INDUSTRY: 1990 TO 2013**

[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
2012	49,289	49,200	43,385	40,871	88.0	83.1	28	38
2013	49,808	49,701	43,845	41,485	88.0	83.5	29	37

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 March 16, 2015; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 12.31-- WORKERS, EARNINGS AND HOURS IN SPECIFIED INDUSTRIES: ANNUAL AVERAGE, 2010 TO 2014**

[2012 to 2014 data have been benchmarked. Number of production workers rounded to nearest 50]

Subject 1/	2010	2011	2012	2013	2014
Production workers					
Natural resources, mining and construction	20,100	20,100	20,800	22,600	23,300
Manufacturing	8,900	9,500	9,500	9,700	9,700
Trade, transportation and utilities	88,900	92,300	97,500	98,500	97,900
Wholesale trade	14,000	14,200	14,200	13,600	12,800
Retail trade	55,700	57,000	59,100	58,700	58,400
Financial activities	20,100	18,700	19,100	20,100	20,700
Accommodation and food services	79,500	82,500	87,200	90,700	91,700
Food services and drinking places	48,600	50,200	53,100	55,400	55,400
Average weekly earnings (dollars)					
Natural resources, mining and construction	1,316.26	1,336.35	1,236.87	1,268.19	1,313.14
Manufacturing	644.73	649.74	723.30	724.81	718.27
Trade, transportation and utilities	587.92	604.74	637.80	714.42	792.62
Wholesale trade	796.32	682.29	540.85	666.34	895.44
Retail trade	456.77	468.29	481.93	479.56	508.80
Financial activities	775.97	762.20	742.41	753.77	818.33
Accommodation and food services	413.72	429.82	459.82	491.06	523.14
Food services and drinking places	306.06	311.38	365.53	410.97	419.29
Average weekly hours					
Natural resources, mining and construction	38.6	37.9	35.4	36.6	35.8
Manufacturing	34.7	35.7	37.8	37.4	39.1
Trade, transportation and utilities	33.0	33.1	33.1	32.4	33.7
Wholesale trade	39.5	37.8	34.8	35.5	39.0
Retail trade	31.2	31.9	31.8	30.8	31.8
Financial activities	35.4	35.7	36.3	36.1	36.5
Accommodation and food services	29.7	29.5	29.4	29.6	30.9
Food services and drinking places	26.8	27.1	27.9	28.5	29.8
Average hourly earnings (dollars)					
Natural resources, mining and construction	34.10	35.26	34.97	34.65	36.68
Manufacturing	18.58	18.20	19.15	19.38	18.37
Trade, transportation and utilities	17.87	18.27	19.25	22.05	23.52
Wholesale trade	20.16	18.05	15.53	18.77	22.96
Retail trade	14.64	14.68	15.16	15.57	16.00
Financial activities	21.92	21.35	20.47	20.88	22.42
Accommodation and food services	13.93	14.57	15.62	16.59	16.93
Food services and drinking places	11.42	11.49	13.08	14.42	14.07

1/ Data for 'Information' and 'Accommodation' are no longer available.

Source: Hawaii State Department of Labor and Industrial Relations, "Production Worker Hours & Earnings, All Selected Industries" <<https://www.hiwi.org/gsipub/index.asp?docid=419>> accessed March 18, 2015.

**Table 12.32-- AVERAGE HOURLY PAY RATES FOR SELECTED JOB CLASSIFICATIONS IN PRIVATE INDUSTRY: 2005 TO 2013**

[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, 94 for the 2009 through 2011, and 100 for 2013]

<b>Job classification</b>	<b>Job code</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2013</b>
Clerk, entry level	43.03	10.84	11.15	11.25	11.90	12.30	13.36	13.98	14.54
Secretary	43.06	15.80	16.02	16.39	17.53	18.12	18.59	19.00	19.21
Telephone operator 1/	43.10	15.26	14.79	15.44	15.95	16.52	17.53	17.39	18.47
Bookkeeper 2/	46.06	18.10	19.13	18.00	20.42	18.48	21.68	20.54	22.59
Cashier	46.07	14.91	15.48	16.26	16.90	18.29	16.59	15.87	18.29
Engineering drafting tech.	47.01	28.14	21.86	27.35	30.48	28.17	32.01	29.32	32.87
Housekeeper	48.01	13.07	13.60	13.82	14.35	14.92	14.92	15.44	16.37
Cook, general	48.09	15.48	17.15	16.08	16.64	17.93	17.95	17.55	19.30
Wait help	48.13	6.85	7.57	8.50	7.97	7.95	7.94	8.20	8.73
Laborer, light	50.06	9.55	10.87	10.12	10.68	10.41	10.31	10.67	10.33
Carpenter, maintenance	50.12	20.61	21.35	23.12	21.05	23.88	27.14	26.54	23.80
Electrician, maintenance	50.15	24.13	24.33	29.68	28.80	28.76	31.55	30.24	31.77
Automotive mechanic	50.19	23.47	24.55	23.71	24.69	25.43	27.02	25.42	25.62
Driver III (Tractor trailer) 3/	51.05	15.79	17.43	17.26	16.71	18.73	18.64	19.03	19.32

1/ In earlier reports, this category, job code 43.10, was "Switchboard" or "Communications" operator.

2/ In earlier reports, this category, job code 46.06, was "Bookkeeper, full-charge".

3/ In earlier reports, this category, job code 51.05, was "Truck driver (trailer)".

Source: Hawaii Employers Council, *Pay Rates in Hawaii* (annual).

**Table 12.33-- AVERAGE HOURLY PAY RATES FOR SELECTED JOB CLASSIFICATIONS IN PRIVATE INDUSTRY, BY COUNTY: 2013**

[In dollars. Wage data are weighted averages, as of the July through September survey period and were effective for July 1, 2013 and cover regular full-time and part-time employees. The 14 job titles are meant to be only illustrative of the 100 reported]

<b>Job classification</b>	<b>Job code</b>	<b>State</b>	<b>Kauai County</b>	<b>City &amp; County of Honolulu</b>	<b>Maui County</b>	<b>Hawaii County</b>
Clerk, entry level	43.03	14.54	(1/)	14.65	(1/)	13.61
Secretary	43.06	19.21	(1/)	19.16	(1/)	(1/)
Telephone operator 2/	43.10	18.47	(1/)	18.79	(1/)	(1/)
Bookkeeper 3/	46.06	22.59	(1/)	22.42	(1/)	(1/)
Cashier	46.07	18.29	(1/)	18.26	(1/)	(1/)
Engineering drafting technician	47.01	32.87	(1/)	(1/)	(1/)	(1/)
Housekeeper	48.01	16.37	(1/)	16.73	15.65	(1/)
Cook, general	48.09	19.30	(1/)	17.95	20.08	16.69
Wait help	48.13	8.73	(1/)	9.04	8.06	(1/)
Laborer, light	50.06	10.33	(1/)	9.66	(1/)	12.38
Carpenter, maintenance	50.12	23.80	(1/)	23.73	(1/)	(1/)
Electrician, maintenance	50.15	31.77	(1/)	33.70	(1/)	(1/)
Automotive mechanic	50.19	25.62	(1/)	26.51	24.66	(1/)
Driver III (Tractor trailer) 4/	51.05	19.32	(1/)	19.13	(1/)	18.90

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 46.06, was "Bookkeeper, full-charge".

4/ In earlier reports, this category, job code 51.05, was "Truck driver (trailer)".

Source: Hawaii Employers Council, *Pay Rates in Hawaii 2013* (Research Report Number 4381, October 2013).



**Table 12.34-- EMPLOYMENT AND WAGES OF HAWAII'S 25 LARGEST OCCUPATIONS: MAY 2014**

[In descending order by employment. Self-employed are excluded]

SOC Code 1/	Occupation title	Employment	Mean wage in dollars	
			Hourly	Annual 2/
41-2031	Retail salespersons	25,470	12.39	25,770
35-3031	Waiters and waitresses	14,460	15.22	31,660
41-2011	Cashiers	14,180	11.16	23,210
43-9061	Office clerks, general	13,710	15.28	31,790
37-2012	Maids and housekeeping cleaners	12,800	15.60	32,450
35-3021	Combined food preparation and serving workers including fast food	12,690	9.78	20,340
37-2011	Janitors and cleaners except maids and housekeeping cleaners	12,510	12.49	25,980
11-1021	General and operations managers	10,740	46.61	96,940
29-1141	Registered nurses	10,650	42.42	88,230
33-9032	Security guards	9,790	13.38	27,830
43-6014	Secretaries and administrative assistants, except legal, medical, and executive	9,260	18.15	37,750
37-3011	Landscaping and groundskeeping workers	8,980	14.91	31,000
35-2014	Cooks, restaurant	8,930	14.22	29,580
35-2021	Food preparation workers	8,100	11.50	23,910
43-5081	Stock clerks and order fillers	7,880	13.44	27,960
53-7062	Laborers and freight, stock, and material movers, hand	7,450	14.98	31,150
43-3031	Bookkeeping, accounting, and auditing clerks	7,220	18.02	37,470
43-4051	Customer service representatives	7,220	17.18	35,730
49-9071	Maintenance and repair workers, general	7,160	20.69	43,030
41-1011	First-line supervisors of retail sales workers	6,950	22.08	45,930
25-9041	Teacher assistants	6,380	(3/)	27,600
25-2021	Elementary school teachers except special education	6,060	(3/)	54,690
43-1011	First-line supervisors of office and administrative support workers	5,920	24.45	50,850
31-1014	Nursing assistants	5,090	14.66	30,480
25-3098	Substitute teachers	5,010	20.05	41,710

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 2014 State Occupational Employment and Wage Estimates Hawaii" <[http://www.bls.gov/oes/current/oes\\_hi.htm](http://www.bls.gov/oes/current/oes_hi.htm)> accessed April 8, 2015.

**Table 12.35-- EMPLOYMENT AND WAGES OF HONOLULU METROPOLITAN STATISTICAL AREA'S 25 LARGEST OCCUPATIONS: MAY 2014**

[In descending order by employment. Self-employed are excluded]

SOC Code 1/	Occupation title	Employment	Mean wage in dollars	
			Hourly	Annual 2/
41-2031	Retail salespersons	17,950	12.09	25,160
43-9061	Office clerks, general	10,350	15.52	32,280
41-2011	Cashiers	10,060	10.72	22,290
35-3021	Combined food preparation & serving workers, including fast food	9,620	9.84	20,480
37-2011	Janitors & cleaners, exc. maids & housekeeping cleaners	8,840	12.01	24,980
35-3031	Waiters & waitresses	8,410	14.19	29,520
29-1141	Registered nurses	8,200	43.39	90,260
11-1021	General and operations managers	7,960	49.10	102,120
33-9032	Security guards	7,880	13.23	27,530
37-2012	Maids and housekeeping cleaners	7,140	15.83	32,920
43-6014	Secretaries & administrative assistants, except legal, medical, and executive	7,070	18.61	38,700
43-4051	Customer service representatives	5,860	17.08	35,530
35-2014	Cooks, restaurant	5,760	12.56	26,120
35-2021	Food preparation workers	5,600	10.93	22,730
53-7062	Laborers & freight, stock, & material movers, hand	5,390	15.05	31,290
43-5081	Stock clerks and order fillers	5,350	13.30	27,670
43-3031	Bookkeeping, accounting, & auditing clerks	5,340	18.39	38,240
25-9041	Teacher assistants	5,240	(3/)	27,270
25-2021	Elementary school teachers, except special education	4,990	(3/)	54,620
37-3011	Landscaping & groundskeeping workers	4,960	14.13	29,400
49-9071	Maintenance & repair workers, general	4,650	20.38	42,390
43-1011	First-line supervisors of office & admin. support workers	4,390	24.76	51,500
41-1011	First-line supervisors of retail sales workers	4,370	22.63	47,060
25-3098	Substitute teachers	4,310	20.05	41,710
13-1199	Business operations specialists, all other	4,030	31.62	65,780

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 2014 Metropolitan Area Occupational Employment and Wage Estimates Honolulu, HI MSA" <[http://www.bls.gov/oes/current/oes\\_26180.htm](http://www.bls.gov/oes/current/oes_26180.htm)> accessed April 8, 2015.

**Table 12.36-- EMPLOYMENT AND WAGES OF HAWAII-MAUI-KAUAI  
NONMETROPOLITAN STATISTICAL AREA'S 25 LARGEST  
OCCUPATIONS: MAY 2014**

[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	7,520	13.09	27,220
35-3031	Waiters and waitresses	6,060	16.64	34,610
37-2012	Maids and housekeeping cleaners	5,660	15.32	31,860
41-2011	Cashiers	4,110	12.24	25,450
37-3011	Landscaping and groundskeeping workers	4,020	15.86	32,990
37-2011	Janitors and cleaners, except maids and housekeeping cleaners	3,670	13.65	28,390
43-9061	Office clerks, general	3,360	14.56	30,280
35-2014	Cooks, restaurant	3,170	17.23	35,840
35-3021	Combined food preparation and serving workers, including fast food	3,070	9.57	19,900
11-1021	General and operations managers	2,780	39.48	82,110
41-1011	First-line supervisors of retail sales workers	2,590	21.17	44,030
43-5081	Stock clerks and order fillers	2,530	13.74	28,580
49-9071	Maintenance and repair workers, general	2,510	21.26	44,220
35-2021	Food preparation workers	2,500	12.76	26,550
29-1141	Registered nurses	2,450	39.16	81,450
43-6014	Secretaries and administrative assistants, except legal, medical, and executive	2,190	16.66	34,650
53-7062	Laborers and freight, stock, and material movers, hand	2,060	14.80	30,770
33-9032	Security guards	1,910	14.00	29,110
43-3031	Bookkeeping, accounting, and auditing clerks	1,870	16.96	35,280
35-9021	Dishwashers	1,720	12.80	26,620
35-9011	Dining room and cafeteria attendants and bartender helpers	1,560	14.89	30,970
43-1011	First-line supervisors of office and administrative support workers	1,530	23.55	48,980
31-1014	Nursing assistants	1,480	15.56	32,370
47-2031	Carpenters	1,470	28.14	58,540
35-3011	Bartenders	1,430	21.09	43,860

1/ Standard Occupational Classification (SOC) system.

2/ Annual wages have been calculated by multiplying the hourly mean wage by a "year-round, full-time" hours figure of 2,080 hours; for those occupations where there is not an hourly mean wage published, the annual wage has been directly calculated from the reported survey data.

Source: U.S. Bureau of Labor Statistics, Occupational Employment Statistics, "May 2014 Nonmetropolitan Area Occupational Employment and Wage Estimates, Hawaii / Maui / Kauai nonmetropolitan area" <[http://www.bls.gov/oes/current/oes\\_1500001.htm](http://www.bls.gov/oes/current/oes_1500001.htm)> accessed April 8, 2015.

**Table 12.37-- ESTIMATED IMPACT OF THE AMERICAN RECOVERY AND REINVESTMENT ACT (ARRA) OF 2009 IN HAWAII: 2009 TO 2013**

[In full-time equivalent jobs]

Category	Reporting period 1/					
	1	2	3	4	5	6
	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
Total (cumulative) 2/	4,200	8,000	11,000	13,000	13,000	13,000
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
Awarded to State of Hawaii entity	793.25	2,423.46	1,787.55	1,931.96	3,380.07	3,084.75
Awarded to non-State of Hawaii entity	751.69	595.34	774.02	1,644.80	1,707.22	516.49

Category	Reporting period 1/					
	7	8	9	10	11	12
	Jan. 1 - Mar. 31, 2011	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
Total (cumulative) 2/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Direct employment due to ARRA grants subject to Section 1512 reporting requirements (quarterly total)	4,528.00	3,166.00	1,161.00	880.77	898.54	731.95
Awarded to State of Hawaii entity	3,416.91	2,000.91	870.82	618.24	658.64	523.17
Awarded to non-State of Hawaii entity	1,111.09	1,165.09	290.18	262.53	239.90	208.78

Category	Reporting period 1/					
	13	14	15	16	17	18
	July 1 - Sept. 30, 2012	Oct. 1 - Dec. 31, 2012	Jan. 1 - Mar. 31, 2013	April 1 - June 30, 2013	July 1 - Sept. 30, 2013	Oct. 1 - Dec. 31, 2013 3/
Total (cumulative) 2/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Direct employment due to ARRA grants subject to Section 1512 reporting requirements (quarterly total)	630.39	565.22	507.58	507.87	277.57	323.83
Awarded to State of Hawaii entity	477.68	410.81	363.48	344.32	131.51	191.73
Awarded to non-State of Hawaii entity	152.71	154.41	144.10	163.55	146.06	132.10

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](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](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>>

3/ Enactment of the Federal Government's Fiscal Year 2014 Omnibus Spending bill brings an end to the "1512" Recipient Reporting requirements of the ARRA. Section 627 of the Omnibus repeals the reporting as of February 1, 2014.

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](http://hawaii.gov/recovery/arra-reports/Estimated_Impact_of_ARRA_on_Employment_in_Hawaii.pdf)> accessed June 12, 2013; and records.

**Table 12.38-- ANNUAL COMPENSATION OF HIGHEST-PAID EXECUTIVES  
OF HAWAII-BASED PUBLIC FIRMS: 1999 TO 2005**

<b>Annual compensation 1/</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004 2/</b>	<b>2005</b>
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 12.39-- MINIMUM WAGE CHRONOLOGY: 1942 TO 2015**

[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/ 5/	7.25
			1980	3.10	2015 5/	7.75

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. 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.

5/ On May 23, 2014 Governor Neil Abercrombie (Gov. Msg. No. 1182) signed Act 082 into law which increases minimum wage rate to \$7.75 per hour beginning on January 1, 2015, \$8.50 per hour beginning on January 1, 2016, \$9.25 per hour beginning on January 1, 2017, and \$10.10 per hour beginning on January 1, 2018. Act 82 also increases the tip credit to \$0.50 per hour beginning on January 1, 2015, and 75 cents per hour beginning on January 1, 2016; provided that beginning January 1, 2015, the combined amount the employee receives in wages and tips is at least \$7 more than the applicable minimum wage.

Source: Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office "Minimum Wage (Hawaii and Federal)" <<http://labor.hawaii.gov/rs/files/2012/11/Minimum-Wage-for-Web.pdf>> accessed July 10, 2015; Hawaii State Legislature, 27th Legislature, 2014 Measure Status Legislature, 27th Legislature, 2014 Measure Status SB2609 SD1 HD2 CD1 Relating to Minimum Wage <[http://www.capitol.hawaii.gov/measure\\_indiv.aspx?billtype=SB&billnumber=2609&year=2014](http://www.capitol.hawaii.gov/measure_indiv.aspx?billtype=SB&billnumber=2609&year=2014)> accessed July 19, 2014; and records.

**Table 12.40-- MINIMUM WAGE, BY STATE AND TERRITORY: JANUARY 1, 2014**

[Dollars per hour. Where Federal and state law have different minimum wage rates, the higher standard applies. Source revised December, 2013. See source for additional state provisions]

Area	Minimum wage	Premium (hours) 1/	Area	Minimum wage	Premium (hours) 1/
Alabama	None	(X)	New Hampshire	7.25	40
Alaska	7.75	40	New Jersey	8.25	40
Arizona	7.90	(X)	New Mexico	7.50	40
Arkansas 2/	6.25	40	New York	8.00	40
California	8.00	40	North Carolina	7.25	40
Colorado	8.00	40	North Dakota	7.25	40
Connecticut	8.70	40	Ohio 6/	7.95	40
Delaware	7.25	(X)	Oklahoma 7/	7.25	(X)
Florida	7.93	(X)	Oregon	9.10	40
Georgia	5.15	(X)	Pennsylvania	7.25	40
<b>Hawaii</b>	<b>7.25</b>	<b>40</b>	Rhode Island	8.00	40
Idaho	7.25	(X)	South Carolina	None	(X)
Illinois	8.25	40	South Dakota	7.25	(X)
Indiana	7.25	40	Tennessee	None	(X)
Iowa	7.25	(X)	Texas	7.25	(X)
Kansas	7.25	46	Utah	7.25	(X)
Kentucky	7.25	40	Vermont 8/	8.73	40
Louisiana	None	(X)	Virginia 2/	7.25	(X)
Maine	7.50	40	Washington	9.32	40
Maryland	7.25	40	West Virginia 9/	7.25	40
Massachusetts	8.00	40	Wisconsin	7.25	40
Michigan	7.40	40	Wyoming	5.15	(X)
Minnesota 3/	6.15	48			
Mississippi	None	(X)	Dist. of Columbia	8.25	40
Missouri	7.50	40	American Samoa	(10/)	(10/)
Montana 4/	7.90	40	Guam	7.25	40
Nebraska	7.25	(X)	Puerto Rico 11/	7.25	40
Nevada 5/	8.25	(X)	Virgin Islands 12/	7.25	40

X Not applicable.

1/ The overtime premium rate is one and one-half times the employee's regular rate, unless otherwise specified.

2/ Applicable to employers of four or more employees.

3/ \$5.25 applies to a small employer, an enterprise with annual receipts of less than \$625,000.

4/ \$4.00 applies to businesses with gross annual sales of \$110,000 or less.

5/ \$8.25 (with no health insurance benefits provided by employer) if 8 hours daily, 40 weekly; and \$7.25 (applies if health insurance benefits provided by employer and received by employee). □

6/ The higher minimum wage will apply to employees of businesses with annual gross receipts of more than \$292,000 per year.

7/ Employers of ten or more full time employees at any one location and employers with annual gross sales over \$100,000 irrespective of number of full time employees. \$2.00 applies to all other employers.

8/ Applicable to employers of two or more employees.

9/ Applicable to employers of six or more employees at one location. □

10/ The Fair Minimum Wage Act of 2007 sets provisions to provide for increases to bring the minimum wage applicable in the U.S. As of May 25, 2009 the industry-specific wage ranged upward from \$4.18.

11/ \$7.25 for employees covered by the Fair Labor Standards Act. \$5.08 for employees not covered. □

12/ Applies except for businesses with gross annual receipts of less than \$150,000 then \$4.30 applies. □

Source: U. S. Department of Labor, Wage and Hour Division (WHD), "Minimum Wage Laws in the States - January 1, 2014" <<http://www.dol.gov/whd/minwage/america.htm>> accessed January 21, 2014.

**Table 12.41-- MINIMUM WAGE WORKERS, BY SEX, ANNUAL AVERAGE:  
2003 TO 2013**

[The federal minimum wage applies if higher than the State minimum wage. 2003 to 2006 the Federal rate had been higher but since 2007 they are both \$7.25 per hour. See Table 12.38 for chronology]

Group and year	Number of workers (in 1,000)				Workers paid hourly rates (in percent)			Median earnings (in dollars)
	Total paid hourly rates	At or below Federal minimum wage			At or below Federal minimum wage			
		Total	At	Below	Total	At	Below	
Total								
2003	309	4	1	3	1.3	0.3	1.0	11.16
2004	329	5	1	4	1.5	0.3	1.2	11.13
2005	341	4	>0	4	1.2	0.0	1.2	12.04
2006	347	4	1	3	1.2	0.3	0.9	12.30
2007	338	4	>0	4	1.2	0.0	1.2	12.81
2008	338	5	>0	5	1.5	0.0	1.5	13.05
2009	320	9	3	6	2.8	0.9	1.9	13.11
2010	318	15	8	7	4.7	2.5	2.2	13.82
2011	321	15	8	7	4.7	2.5	2.2	13.57
2012	331	14	7	7	4.2	2.1	2.1	14.26
2013	325	15	10	5	4.6	3.1	1.5	13.62
Men								
2003	160	2	1	1	1.3	0.6	0.6	12.03
2004	169	1	>0	1	0.6	0.0	0.6	12.19
2005	168	1	>0	1	0.6	0.0	0.6	13.21
2006	174	1	>0	1	0.6	0.0	0.6	13.86
2007	174	1	>0	1	0.6	0.0	0.6	14.67
2008	175	3	>0	3	1.7	0.0	1.7	14.01
2009	165	4	1	3	2.4	0.6	1.8	14.72
2010	160	5	3	2	3.1	1.9	1.3	14.95
2011	160	8	4	4	5.0	2.5	2.5	14.67
2012	177	7	4	3	4.0	2.3	1.7	14.97
2013	168	7	4	3	4.2	2.4	1.8	14.39
Women								
2003	149	2	-	2	1.3	0.0	1.3	10.12
2004	160	3	>0	3	1.9	0.0	1.9	10.12
2005	173	3	>0	3	1.7	0.0	1.7	10.98
2006	173	3	1	2	1.7	0.6	1.2	11.08
2007	164	3	>0	3	1.8	0.0	1.8	11.71
2008	163	3	-	3	1.8	0.0	1.8	12.14
2009	155	5	2	3	3.2	1.3	1.9	12.02
2010	158	10	5	5	6.3	3.2	3.2	12.19
2011	161	7	4	3	4.3	2.5	1.9	12.54
2012	154	7	4	3	4.5	2.6	1.9	13.31
2013	157	7	5	2	4.5	3.2	1.3	12.84

Source: U. S. Department of Labor, West Information Office, "Minimum Wage Workers in Hawaii - 2013" 14-898-SAN (June 25, 2014) <<http://www.bls.gov/ro9/mwhi.pdf>> accessed July 19, 2014.



**Table 12.42-- 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
Lawrence 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 12.43-- AVERAGE AND TOTAL WEEKLY HOURS AT WORK:  
1999 TO 2013**

[In thousands of persons and number of hours. No reports were issued for 2005 to 2007]

<b>Subject</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Weekly hours at work	536	544	550	534	569	567	602	560	558	598	585	592
1 to 14 hours	25	26	28	24	26	25	29	31	29	30	29	25
15 to 29 hours	77	74	75	70	71	68	81	78	76	80	73	73
30 to 34 hours	44	39	48	39	41	44	44	58	53	46	44	40
35 to 39 hours	25	29	31	24	26	31	28	30	32	26	27	26
40 hours	230	243	235	253	279	276	293	255	262	309	303	319
41 to 48 hours	45	43	42	38	37	38	36	32	31	34	30	28
49 hours & over	90	91	91	87	89	85	91	76	75	74	79	82
Average hours												
Total at work	38.4	40.3	38.4	38.6	38.6	38.6	38.2	37.4	37.6	37.6	37.9	38.4
Persons who usually work full-time	42.7	43.9	42.4	42.3	42.3	42.1	41.9	41.1	41.4	41.5	41.7	42.0

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](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](http://www.bls.gov/opub/gp/pdf/gp09_22.pdf)> accessed March 16, 2011; *Ibid. 2010*, table 22 <[http://www.bls.gov/opub/gp/pdf/gp10\\_22.pdf](http://www.bls.gov/opub/gp/pdf/gp10_22.pdf)> accessed June 1, 2012; *Ibid. 2011*, table 22 <[http://www.bls.gov/opub/gp/pdf/gp11\\_22.pdf](http://www.bls.gov/opub/gp/pdf/gp11_22.pdf)> accessed May 15, 2013; *Ibid. 2012*, table 22 <[http://www.bls.gov/opub/gp/pdf/gp12\\_22.pdf](http://www.bls.gov/opub/gp/pdf/gp12_22.pdf)> accessed March 4, 2014; and earlier reports. <[http://www.bls.gov/opub/gp/pdf/gp13\\_22.pdf](http://www.bls.gov/opub/gp/pdf/gp13_22.pdf)> accessed March 18, 2015.

**Table 12.44-- INTERSTATE MOVEMENT OF JOB-SEEKERS PARTICIPATING IN THE UNEMPLOYMENT INSURANCE PROGRAM: 1949 TO 2014**

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	1982	5,372	4,848	90
1950	966	1,105	114	1983	4,414	4,659	106
1951	377	1,139	302	1984	4,123	4,220	102
1952	455	1,667	366	1985	4,039	3,993	99
1953	576	1,775	308	1986	3,664	3,932	107
1954	907	1,698	187	1987	3,805	3,161	83
1955	665	1,812	272	1988	3,942	2,974	75
1956	686	1,617	236	1989	3,961	2,679	68
1957	1,100	1,813	165	1990	5,275	2,910	55
1958	1,547	2,219	143	1991	7,197	3,453	48
1959	1,280	2,126	166	1992	9,554	4,432	46
1960	1,716	2,595	151	1993	9,543	4,356	46
1961	2,863	3,235	113	1994	10,121	4,229	42
1962	2,966	3,594	121	1995	10,115	4,000	40
1963	2,683	3,787	141	1996	8,633	3,338	39
1964	2,572	3,705	144	1997	7,051	2,356	33
1965	2,257	3,411	151	1998	4,366	2,720	62
1966	1,859	2,655	143	1999	3,511	2,572	73
1967	2,196	3,102	141	2000	2,845	2,910	102
1968	2,014	2,896	144	2001	3,423	3,611	105
1969	2,652	3,600	136	2002	3,223	4,325	134
1970	5,078	6,062	119	2003	2,826	4,247	150
1971	6,215	6,908	111	2004	2,359	3,209	136
1972	6,124	5,994	98	2005	2,399	2,680	112
1973	5,255	6,116	116	2006	2,731	2,273	83
1974	5,924	6,988	118	2007	3,028	2,163	71
1975	7,607	8,785	115	2008	3,986	2,559	64
1976	7,458	8,334	112	2009	4,072	3,842	94
1977	5,846	8,154	139	2010	3,214	3,478	108
1978	4,313	6,261	145	2011	3,148	3,384	107
1979	4,272	5,250	123	2012	3,001	2,896	97
1980	5,211	4,956	95	2013 4/	3,187	2,608	82
1981	5,485	4,396	80	2014	3,316	2,054	62

1/ Interstate liable initial claims, State Unemployment Insurance Program (UI), excluding Federal Unemployment Compensation for Federal Employees program (UCFE) and Federal Unemployment Compensation for Ex-Service members program (UCX). Covers Hawaii workers seeking work and filing for benefits on the Mainland.

2/ Interstate agent initial claims (UI), excluding UCFE and UCX. Covers former Mainland workers living in Hawaii and filing unemployment insurance claims against their former Mainland employers.

3/ Interstate agent initial claims as a percent of interstate liable initial claims. Ratios under 100 suggest a net out-migration of workers.

4/ 'Island workers on Mainland' and 'Ratio' revised from previous *Data Book*.

Source: Hawaii State Department of Labor and Industrial Relations, Research & Statistics Office, Operations Management Information Section (OMI), records.

**Table 12.45-- NONFATAL OCCUPATIONAL INJURIES AND ILLNESSES,  
PRIVATE INDUSTRY: 1995 TO 2013**

[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
2012	13.7	3.8	3/ 8.2	3/ 2.3	5.5
2013	13.5	3.7	3/ 8.2	3/ 2.3	5.2

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 not comparable to previous years.

3/ Days away from work, job transfer, or restriction.

Source: Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office, *Occupational Injuries and Illnesses Survey* (annual); U.S. Bureau of Labor Statistics, "State Occupational Injuries, Illnesses, and Fatalities" <<http://www.bls.gov/iif/oshstate.htm#HI>> tables 6 and 7 accessed April 28, 2015. See also "Occupational injuries and illnesses: industry data (2011 forward)" <<http://www.bls.gov/iif/data.htm>> accessed April 28, 2015.

**Table 12.46-- FATAL OCCUPATIONAL INJURIES BY EVENT OR EXPOSURE: 2003 TO 2013**

[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	2012	2013
Total	146	19	26	1/ 20	11
Aircraft incidents	25	-	(2/)	(2/)	(2/)
Highway incidents	24	-	(2/)	(2/)	(2/)
Fall to a lower level	14	4	(2/)	(2/)	(2/)
Struck by object or equipment	13	-	(2/)	(2/)	(2/)
Homicides	12	-	(2/)	(2/)	(2/)
Caught in or compressed by equipment or objects	8	-	(2/)	(2/)	(2/)
Exposure to caustic, noxious, or allergic substances	8	-	(2/)	(2/)	(2/)
Suicide, self-inflicted injury	7	3	(2/)	(2/)	(2/)
Nonhighway incidents, except rail, air, or water	7	3	(2/)	(2/)	(2/)
Drowning, submersion	5	-	(2/)	(2/)	(2/)
Water vehicle incidents	5	-	(2/)	(2/)	(2/)
Pedestrian struck by vehicle, mobile equipment	4	-	(2/)	(2/)	(2/)
Other	14	9	(2/)	(2/)	(2/)
Violence and other injuries by persons or animals 3/	(2/)	(2/)	-	1/ 4	-
Transportation incidents 4/	(2/)	(2/)	10	3	4
Fires and explosions	(2/)	(2/)	5	-	-
Falls, slips, trips	(2/)	(2/)	6	8	4
Exposure to harmful substances or environments	(2/)	(2/)	2	-	2
Contact with objects and equipment	(2/)	(2/)	-	4	-

1/ Includes other events and exposures such as bodily reaction, in addition to those shown separately. 2012 total and 'Violence and other injuries by other persons or animals' are revised from previous Data Book.

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. Subsequent revisions may provide partial reclassified data. More information on OIICS can be found at <[www.bls.gov/iif/oshoiics.htm](http://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>>; "Census of Fatal Occupational Injuries (2011 forward)" <<http://www.bls.gov/data/>> accessed July 17, 2015.

**Table 12.47-- FATAL OCCUPATIONAL INJURIES FOR HAWAII AND THE UNITED STATES: 1992 TO 2013**

[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	2004	25	5,764
1993	26	6,331	2005	15	5,734
1994	21	6,632	2006	30	5,840
1995	24	6,275	2007	23	5,657
1996	27	6,202	2008	19	5,214
1997	19	6,238	2009	13	4,551
1998	12	6,055	2010	19	4,690
1999	32	6,054			
2000	20	5,920	Revised OIICS 2/		
2001 1/	41	5,915	2011	26	4,693
2002	24	5,534	2012	20	4,628
2003	21	5,575	2013	11	4,585

1/ Totals for 2001 exclude fatalities resulting from the September 11 terrorist attacks.

2/ 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>>.

Source: U.S. Bureau of Labor Statistics, *Census of Fatal Occupational Injuries All Worker Profile, 1992-2002* (revised data, January 7, 2005) <<http://www.bls.gov/iif/oshwc/foi/cftb0186.pdf>> accessed April 21, 2005; *Fatal occupational injuries by state and event or exposure, 2003-2004* <<http://www.bls.gov/iif/oshcfoi1.htm>> accessed April 24, 2006; *National Census of Fatal Occupational Injuries in 2006*, USDL 07-1202, tables 1 and 5 <<http://www.bls.gov/news.release/pdf/foi.pdf>> accessed June 3, 2008; and *National Census of Fatal Occupational Injuries in 2007*, USDL 08-1182, table 5 (August 20, 2008) accessed August 25, 2008; "Census of Fatal Occupational Injuries (2011 forward)" <<http://www.bls.gov/data/>> accessed July 17, 2015; "Revisions to the 2008 Census of Fatal Occupational Injuries (CFOI) counts" table 1 <[http://www.bls.gov/iif/oshwc/foi/foi\\_revised08.pdf](http://www.bls.gov/iif/oshwc/foi/foi_revised08.pdf)> accessed July 13, 2013; Ibid 2009 <[http://www.bls.gov/iif/oshwc/foi/foi\\_revised09.pdf](http://www.bls.gov/iif/oshwc/foi/foi_revised09.pdf)> accessed July 13, 2013; Ibid 2010 <[http://www.bls.gov/iif/oshwc/foi/foi\\_revised10.pdf](http://www.bls.gov/iif/oshwc/foi/foi_revised10.pdf)> accessed July 13, 2013.; Ibid. 2011 (April 25, 2013) <[http://www.bls.gov/iif/oshwc/foi/foi\\_revised11.pdf](http://www.bls.gov/iif/oshwc/foi/foi_revised11.pdf)> accessed July 13, 2013; and Ibid. 2012 (April 2014) <[http://www.bls.gov/iif/oshwc/foi/foi\\_revised12.pdf](http://www.bls.gov/iif/oshwc/foi/foi_revised12.pdf)> accessed July 24, 2014.

**Table 12.48-- WORK INJURIES, DEATHS, TIME LOST AND  
COMPENSATION COSTS: 1990 TO 2013**

<b>Year</b>	<b>Reported cases</b>	<b>Reported deaths</b>	<b>Time lost (compensated days)</b>	<b>Compensation costs (\$1,000)</b>
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
2012	21,052	22	952,758	248,433
2013	20,721	22	999,969	260,352

Source: Hawaii State Department of Labor and Industrial Relations, *Workers' Compensation Data Book* (annual) and for 2000 to 2013  
<<http://labor.hawaii.gov/rs/home/work-injuries-and-illnesses/workers-compensation-data/>> accessed April 8, 2015.

**Table 12.49-- UNION AFFILIATION OF EMPLOYED WAGE AND SALARY WORKERS FOR HAWAII AND THE UNITED STATES: 2000 TO 2014**

[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]

Year	Hawaii					United States				
	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
2013	549	121	22.1	129	23.6	129,110	14,528	11.3	16,028	12.4
2014	572	124	21.8	131	22.9	131,431	14,576	11.1	16,152	12.3

1/ Members of a labor union or an employee association similar to a union.

2/ Members of a labor union or an employee association similar to a union as well as workers who report no union affiliation but whose jobs are covered by a union or an employee association contract.

Source: U.S. Bureau of Labor Statistics, "Union Members - 2014" (USDL-15-0072, January 23, 2015) <<http://www.bls.gov/news.release/union2.toc.htm>> accessed January 23, 2015 and earlier annual releases. 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 January 23, 2015.



**Table 12.50-- LABOR UNIONS AND MEMBERSHIP: 2007- 2008 AND  
2009- 2010**

Subject	Total	AFL-CIO affiliated	Independent
<b>2007- 2008</b>			
Unions	112	93	19
Membership	1/ 2/ 169,127	1/ 106,439	2/ 62,688
<b>2009- 2010</b>			
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 12.51-- STATE AND COUNTY EMPLOYEES IN COLLECTIVE BARGAINING UNITS,  
BY EMPLOYING JURISDICTION: 1999 TO 2014**

[As of December 31]

Year	Total	State of Hawaii	City & County of Honolulu	County of Hawaii	County of Maui	County of Kauai	Dept. of Educ.	Judiciary	University of Hawaii	HHSC 1/
1999	54,778	23,484	7,995	1,815	1,632	875	13,113	1,434	4,430	(2/)
2000	56,426	22,052	7,945	1,852	1,670	881	13,276	1,445	4,539	2,766
2001	58,084	22,639	8,077	1,874	1,705	908	13,707	1,484	4,613	3,077
2002	59,320	21,454	7,907	1,834	1,776	918	13,710	1,546	6,321	3,854
2003	58,079	20,746	7,924	1,874	1,780	921	13,517	1,485	6,516	3,316
2004	64,040	18,436	7,916	1,937	1,790	938	21,789	1,376	6,667	3,191
2005	59,316	13,624	7,863	1,938	1,839	840	21,727	1,394	6,837	3,254
2006	60,256	13,656	8,063	2,056	1,869	942	21,879	1,525	7,035	3,231
2006	60,256	13,656	8,063	2,056	1,869	942	21,879	1,525	7,035	3,231
2007	60,934	12,988	8,200	2,153	1,915	978	22,238	1,580	7,264	3,618
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
2013	60,830	12,437	7,994	2,229	2,217	1,043	21,801	1,598	7,626	3,885
2014	61,086	12,773	3/ 8,181	2,286	2,101	1,119	21,714	1,607	7,519	3,786

1/ HHSC is the Hawaii Health Systems Corporation.

2/ Included in 'State of Hawaii'.

3/ Includes 152 employees in Bargaining Unit 14 - State law enforcement officers and state and county ocean safety and water safety officers.

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; *No. 52*, April 23, 2014; *No. 53*, May 22, 2014; and earlier issues; beginning with *No. 43* see also <<http://labor.hawaii.gov/hlrp/find-a-report/>> accessed July 30, 2015.

**Table 12.52-- COLLECTIVE BARGAINING AGREEMENTS: 1964 TO 2014**

Year	Number of agreements	Workers covered		Year	Number of agreements	Workers covered	
		Total	Average per agreement			Total	Average per agreement
1964	275	(NA)	(NA)	1990	194	24,300	125
1965	309	31,500	102	1991	107	23,700	221
1966	277	23,800	86	1992	1,413	21,400	15
1967	257	15,900	62	1993	369	65,900	179
1968	172	15,400	90	1994	84	8,000	95
1969	296	19,100	65	1995	270	57,300	212
1970	190	14,900	78	1996	136	49,250	362
1971	151	9,800	65	1997	1,334	62,800	47
1972	511	47,100	92	1998	786	18,900	24
1973	390	28,000	72	1999	123	65,890	535
1974	223	34,700	156	2000	(1/)	(1/)	(1/)
1975	1,265	36,100	29	2001	(1/)	(1/)	(1/)
1976	380	57,450	151	2002	1,187	21,550	18
1977	2,255	87,350	39	2003	252	69,800	277
1978	967	29,500	31	2004	71	8,900	125
1979	312	61,600	198	2005	199	61,430	308
1980	2,298	49,900	22	2006	74	10,850	146
1981	267	53,700	201	2007	249	73,210	294
1982	379	27,400	72	2008	202	13,440	66
1983	1,019	68,000	67	2009	63	66,720	1,059
1984	901	26,200	29	2010	(1/)	(1/)	(1/)
1985	350	58,450	167	2011	(1/)	(1/)	(1/)
1986	138	13,550	98	2012	76	9,598	126
1987	1,375	80,400	58	2013	76	12,528	165
1988	433	16,290	38	2014	90	15,000	167
1989	104	50,950	490				

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* (annual), p. 1; and calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table 12.53-- WORK STOPPAGES: 1990 TO 2014**

[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	-	-	-
2013	-	-	-
2014	-	-	-

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. See also U.S. Bureau of Labor Statistics, "Major Work Stoppages" (annual) <<http://www.bls.gov/wsp/>> accessed April 9, 2015.

**Table 12.54-- WORK STOPPAGES INVOLVING 1,000 OR MORE WORKERS:  
1983 TO 2014**

<b>Year</b>	<b>Number of stoppages begun in year</b>	<b>Workers involved 1/</b>	<b>Man-days idle during year</b>	<b>Percent of estimated nonagricultural working time</b>
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)
1995-2000	-	-	-	-
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)
2012-2014	-	-	-	-

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, "Major Work Stoppages" (annual) <<http://www.bls.gov/wsp/>> accessed April 9, 2015.

## 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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**Table 13.01-- DIRECT INCOME FROM MAJOR EXPORT INDUSTRIES: 1974 TO 2014**

[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)	12,158.2
2012	(NA)	(NA)	(NA)	14,364.8
2013	(NA)	(NA)	(NA)	14,520.5
2014	(NA)	(NA)	(NA)	14,943.1

NA Not available.

1/ Excludes government sugar support payments.

2/ Fiscal year ending September 30.

3/ Direct visitor expenditures in Hawaii, exclusive of transpacific transportation. Estimates for 1984 and earlier also exclude additional business expenditures by MCI (meetings, conventions, and incentive) visitors. As first shown in *Data Book 2002*, 1998 implemented a revised methodology for visitor expenditures.

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](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 2014**

[Gross Domestic Product estimates for Real and Current dollar total and per capita estimates for 1997- 2013 (NAICS) and population estimates for 2010 to 2012 revised from previous *Data Book*]

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 2014 -- Con.**

Year and category	Gross domestic product		Per capita gross domestic product		Resident population 2/
	Millions of current dollars	Millions of chained 2009 dollars 1/	Current dollars 2/	Chained 2009 dollars 1/	
NAICS 3/					
1997	37,915	53,473	31,292	44,133	1,211,640
1998	37,627	51,790	30,963	42,618	1,215,233
1999	39,177	52,482	32,370	43,363	1,210,300
2000	41,247	53,443	33,990	44,040	1,213,519
2001	42,789	53,338	34,903	43,507	1,225,948
2002	45,185	54,910	36,451	44,296	1,239,613
2003	48,559	57,425	38,811	45,897	1,251,154
2004	53,306	61,090	41,856	47,967	1,273,569
2005	58,123	64,325	44,961	49,759	1,292,729
2006	61,684	65,914	47,097	50,326	1,309,731
2007	64,967	67,167	49,379	51,051	1,315,675
2008	66,728	67,754	50,088	50,858	1,332,213
2009	65,275	65,275	48,470	48,470	1,346,717
2010	67,740	66,911	49,673	49,065	1,363,731
2011	70,058	67,956	50,881	49,355	1,376,897
2012	72,653	68,977	52,265	49,620	1,390,090
2013	75,095	69,968	53,484	49,833	1,404,054
2014	77,389	70,532	54,516	49,686	1,419,561

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/ U.S. Census Bureau midyear population estimate. Estimates for 2010-2013 use state population estimates released in December 2013, while 2014 estimates reflect the December 2014 release. 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 2014.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by Industry (June 10, 2015) <[http://www.bea.gov/iTable/index\\_regional.cfm](http://www.bea.gov/iTable/index_regional.cfm)> accessed June 10, 2015; Ibid. Annual State Personal Income and Employment, "SA1-3 Personal income summary, Population 1929-2014" (March 26, 2015) <[http://www.bea.gov/iTable/index\\_regional.cfm](http://www.bea.gov/iTable/index_regional.cfm)> accessed June 10, 2015; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.03-- GROSS DOMESTIC PRODUCT, HAWAII AND UNITED STATES:  
1963 TO 2014**

[NAICS 1997 to 2013 based on the 2007 North American Industry Classification System (NAICS).  
NAICS 1997 to 2013 were revised from previous *Data Book*]

Year and category	Hawaii			United States		
	Millions of dollars		Chained quantity index (1997=100) 1/	Millions of dollars		Chained quantity index (1997=100) 1/
	Current	Real (chained 1997 dollars) 1/		Current	Real (chained 1997 dollars) 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 2014 -- Con.**

Year and category	Hawaii			United States		
	Millions of dollars		Chained quantity index (2009=100) 1/	Millions of dollars		Chained quantity index (2009=100) 1/
	Current	Real (chained 2009 dollars) 1/		Current	Real (chained 2009 dollars) 1/	
NAICS 2/						
1997	37,915	53,473	81.921	8,549,209	11,128,821	77.663
1998	37,627	51,790	79.342	9,030,651	11,607,580	81.004
1999	39,177	52,482	80.402	9,602,088	12,150,880	84.796
2000	41,247	53,443	81.874	10,225,879	12,625,285	88.107
2001	42,789	53,338	81.713	10,562,041	12,743,582	88.932
2002	45,185	54,910	84.122	10,916,911	12,970,907	90.518
2003	48,559	57,425	87.974	11,446,549	13,303,867	92.842
2004	53,306	61,090	93.589	12,206,995	13,772,746	96.114
2005	58,123	64,325	98.545	13,022,458	14,211,347	99.175
2006	61,684	65,914	100.980	13,781,347	14,593,498	101.842
2007	64,967	67,167	102.899	14,399,635	14,807,001	103.332
2008	66,728	67,754	103.798	14,635,348	14,726,980	102.773
2009	65,275	65,275	100.000	14,329,566	14,329,566	100.000
2010	67,740	66,911	102.507	14,869,544	14,637,676	102.150
2011	70,058	67,956	104.108	15,416,873	14,844,093	103.591
2012	72,653	68,977	105.672	16,060,678	15,148,854	105.717
2013	75,095	69,968	107.190	16,665,215	15,431,987	107.693
2014	77,389	70,532	108.054	17,316,314	15,773,516	110.077

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 2014.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by Industry (June 10, 2015) <[http://www.bea.gov/iTable/index\\_regional.cfm](http://www.bea.gov/iTable/index_regional.cfm)> accessed June 10, 2015; 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 NAICS 1997-2013 estimates on June 10, 2015 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 2014

<<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed June 10, 2015.

**Table 13.05-- GROSS DOMESTIC PRODUCT, BY NAICS INDUSTRY: 1997 TO 2014**

[In millions of current dollars. GDP estimates are on the 2007 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. 1997 to 2013 are revised from previous *Data Book*]

Industry	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total, all industries	37,915	37,627	39,177	41,247	42,789	45,185	48,559	53,306	58,123	61,684	64,967	66,728	65,275	67,740	70,058	72,653	75,095	77,389
Private industries	29,948	29,444	30,544	32,455	33,693	35,322	37,897	41,798	45,877	48,695	51,274	52,195	50,267	52,126	53,720	56,008	58,483	60,268
Agri., forestry, fishing, & hunting	348	342	366	366	356	377	414	420	428	449	411	439	449	504	543	542	577	528
Mining	35	35	39	40	38	34	38	40	42	64	94	98	108	88	73	83	78	77
Utilities	863	790	862	912	898	833	911	1,031	1,053	1,251	1,291	1,440	1,421	1,660	1,903	1,614	1,683	1,793
Construction	1,680	1,655	1,690	1,942	2,056	2,267	2,652	3,079	3,900	4,256	4,733	4,544	4,085	3,794	3,785	3,941	4,165	4,256
Manufacturing	762	731	806	833	931	984	1,116	1,109	1,166	1,207	1,234	1,376	1,339	1,296	1,311	1,428	1,481	1,497
Wholesale trade	1,445	1,441	1,443	1,510	1,543	1,587	1,695	1,824	1,932	1,981	2,096	2,173	2,048	2,113	2,207	2,316	2,382	2,469
Retail trade	3,315	3,232	3,219	3,389	3,474	3,539	3,830	4,060	4,393	4,573	4,613	4,525	4,377	4,537	4,777	5,079	5,148	5,322
Trans. & warehousing	2,114	1,983	1,967	1,940	1,797	1,765	1,920	2,221	2,567	2,847	2,857	2,615	2,507	2,853	2,903	3,075	3,251	3,438
Information	1,231	1,184	1,208	1,200	1,252	1,293	1,283	1,514	1,575	1,699	1,799	1,792	1,683	1,808	1,580	1,557	1,650	1,665
Finance and insurance	1,231	1,242	1,306	1,469	1,616	1,890	1,951	2,103	2,227	2,230	2,243	2,191	1,910	1,926	2,078	2,179	2,271	2,295
Real estate, rental, & leasing	6,491	6,513	6,938	7,257	7,624	7,798	8,314	9,403	10,781	11,417	12,350	12,989	12,893	13,670	13,700	14,352	14,983	15,267
Prof., scientific & tech. services	1,634	1,505	1,540	1,644	1,837	2,050	2,195	2,329	2,502	2,671	2,819	3,067	2,951	2,924	3,064	3,087	3,125	3,203
Mgt of companies & enterprises	395	426	412	427	501	593	634	834	761	772	801	783	729	765	811	909	1,002	1,018
Administrative & waste services	1,003	993	1,054	1,160	1,268	1,393	1,565	1,668	1,710	1,862	2,004	2,070	2,016	2,142	2,289	2,443	2,574	2,746
Educational services	382	374	383	413	422	435	486	534	556	593	627	684	736	751	762	790	788	776
Health care & social assistance	2,331	2,261	2,327	2,461	2,649	2,787	2,974	3,159	3,382	3,512	3,700	4,016	4,207	4,268	4,431	4,565	4,777	4,991
Arts, entertainment, & recreation	462	447	458	482	452	472	502	539	580	603	646	662	631	613	603	655	717	737
Accommodation & food services	3,112	3,145	3,373	3,806	3,806	3,980	4,143	4,588	4,884	5,172	5,387	5,139	4,621	4,827	5,277	5,742	6,122	6,423
Accommodation	2,107	2,108	2,255	2,518	2,463	2,539	2,645	2,993	3,208	3,415	3,600	3,388	2,893	3,043	3,410	3,763	4,040	(NA)
Food serv. & drinking places	1,005	1,037	1,117	1,289	1,343	1,441	1,498	1,596	1,677	1,758	1,787	1,751	1,729	1,784	1,867	1,979	2,081	(NA)
Other services, exc. government	1,114	1,143	1,155	1,204	1,170	1,244	1,273	1,344	1,439	1,536	1,570	1,593	1,556	1,585	1,622	1,652	1,710	1,767
Government	7,966	8,183	8,632	8,792	9,096	9,863	10,662	11,508	12,246	12,990	13,693	14,533	15,008	15,614	16,338	16,646	16,612	17,121
Federal civilian	1,914	2,030	2,093	2,252	2,303	2,521	2,727	2,821	2,948	3,066	3,244	3,353	3,549	3,866	4,100	4,207	4,047	(NA)
Federal military	2,427	2,434	2,446	2,534	2,735	3,004	3,350	3,700	4,059	4,388	4,683	5,059	5,232	5,450	5,644	5,726	5,631	(NA)
State & local	3,625	3,719	4,094	4,005	4,058	4,339	4,585	4,987	5,239	5,536	5,766	6,122	6,227	6,298	6,594	6,713	6,934	(NA)

NA Not available.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By Industry 1963 to 2014 <<http://www.bea.gov/regional/index.htm>> accessed June 10, 2015.

**Table 13.06-- GROSS DOMESTIC PRODUCT, BY NAICS INDUSTRY IN CONSTANT DOLLARS: 1997 TO 2014**

[In millions of chained 2009 dollars. GDP estimates are on the 2007 North American Industry Classification System (NAICS) basis. 1997 to 2013 revised from previous *Data Book*]

Industry	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total, all industries	53,473	51,790	52,482	53,443	53,338	54,910	57,425	61,090	64,325	65,914	67,167	67,754	65,275	66,911	67,956	68,977	69,968	70,532
Private industries	40,903	39,265	39,768	40,927	40,859	42,005	44,202	47,438	50,465	51,804	52,885	53,031	50,267	51,742	52,376	53,298	54,527	54,853
Agri., forestry, fishing, & hunting	289	299	364	395	356	411	405	351	421	463	324	340	449	438	361	352	361	331
Mining	81	87	99	103	99	83	88	78	66	86	115	105	108	80	60	69	67	67
Utilities	1,338	1,227	1,427	1,539	1,257	1,215	1,242	1,359	1,311	1,436	1,468	1,635	1,421	1,707	1,944	1,704	1,714	1,731
Construction	3,386	3,112	2,993	3,229	3,183	3,350	3,745	4,037	4,607	4,593	4,800	4,608	4,085	3,864	3,799	3,834	3,907	3,767
Manufacturing	1,019	971	1,030	1,026	1,117	1,231	1,331	1,273	1,186	1,171	1,173	1,313	1,339	1,195	1,059	1,084	1,163	1,240
Wholesale trade	1,690	1,713	1,718	1,790	1,884	1,947	2,101	2,193	2,263	2,242	2,324	2,336	2,048	2,064	2,106	2,143	2,165	2,214
Retail trade	3,786	3,737	3,696	3,814	3,918	4,003	4,357	4,530	4,788	4,843	4,753	4,580	4,377	4,503	4,647	4,803	4,785	4,884
Trans. & warehousing	2,916	2,594	2,446	2,208	1,785	1,684	1,827	2,202	2,621	2,891	2,952	2,644	2,507	2,755	2,740	2,764	2,853	2,851
Information	1,115	1,072	1,099	1,104	1,152	1,194	1,185	1,410	1,504	1,652	1,776	1,791	1,683	1,819	1,596	1,571	1,654	1,665
Finance and insurance	1,283	1,300	1,401	1,548	1,703	1,955	1,953	2,049	2,127	2,102	2,091	2,053	1,910	1,864	1,971	1,992	2,023	1,998
Real estate, rental, & leasing	8,774	8,584	8,884	8,995	9,132	9,019	9,397	10,410	11,681	12,042	12,764	13,215	12,893	13,750	13,665	14,042	14,329	14,232
Prof, scientific & technical services	2,324	2,063	2,023	2,068	2,247	2,468	2,581	2,663	2,753	2,839	2,888	3,103	2,951	2,886	2,982	2,954	2,937	2,964
Mgt of companies & enterprises	779	780	710	673	806	936	975	1,106	958	902	838	808	729	759	802	891	974	1,016
Administrative & waste services	1,297	1,238	1,273	1,351	1,436	1,553	1,753	1,814	1,847	1,960	2,046	2,089	2,016	2,159	2,299	2,430	2,525	2,643
Educational services	633	589	575	597	593	577	625	657	658	669	677	713	736	731	721	722	697	666
Health care & social assistance	3,382	3,182	3,181	3,257	3,341	3,411	3,533	3,651	3,798	3,857	3,904	4,159	4,207	4,174	4,277	4,323	4,466	4,609
Arts, entertainment, & recreation	665	623	608	613	558	568	587	619	649	654	674	680	631	618	607	640	690	695
Accommodation & food services	4,593	4,445	4,570	5,011	4,777	4,874	5,049	5,485	5,553	5,661	5,629	5,218	4,621	4,849	5,268	5,524	5,750	5,819
Accommodation	3,004	2,878	2,942	3,188	2,961	3,019	3,142	3,491	3,526	3,607	3,615	3,322	2,893	3,071	3,392	3,618	3,805	(NA)
Food services & drinking places	1,574	1,556	1,618	1,816	1,820	1,859	1,909	1,991	2,025	2,051	2,008	1,894	1,729	1,779	1,876	1,906	1,946	(NA)
Other services, exc. government	1,819	1,801	1,747	1,736	1,596	1,624	1,616	1,654	1,702	1,745	1,714	1,673	1,556	1,544	1,544	1,528	1,534	1,547
Government	12,626	12,636	12,829	12,574	12,534	12,970	13,266	13,674	13,863	14,111	14,282	14,724	15,008	15,171	15,579	15,679	15,444	15,684
Federal civilian	2,947	3,059	3,042	3,132	3,130	3,233	3,324	3,278	3,283	3,313	3,380	3,417	3,549	3,726	3,859	3,957	3,722	(NA)
Federal military	3,911	3,849	3,740	3,747	3,913	4,043	4,137	4,394	4,511	4,646	4,756	5,007	5,232	5,310	5,413	5,417	5,321	(NA)
State & local	5,776	5,732	6,047	5,693	5,499	5,702	5,812	6,013	6,080	6,162	6,152	6,304	6,227	6,134	6,306	6,303	6,400	(NA)

NA Not available.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By Industry 1963 to 2014 <<http://www.bea.gov/regional/index.htm>> accessed June 10, 2015.



**Table 13.07-- TOTAL AND PER CAPITA PERSONAL INCOME  
FOR THE UNITED STATES AND HAWAII: 1969 TO 2014**

[Personal income and per capita personal income revised for 1969 to 2012 and population revised for 2010 to 2012 from previous *Data Book* ]

Year	Personal income (millions of dollars)		Resident population 1/		Per capita personal income 2/		
	U.S.	Hawaii	U.S.	Hawaii	Dollars		Hawaii as percent of U.S. average
					U.S.	Hawaii	
1969	791,150	3,647	201,298,000	743,000	3,930	4,908	124.9
1970	855,078	4,229	203,798,722	762,920	4,196	5,544	132.1
1971	923,964	4,589	206,817,509	791,580	4,468	5,798	129.8
1972	1,015,526	5,054	209,274,882	818,104	4,853	6,177	127.3
1973	1,131,213	5,594	211,349,205	841,851	5,352	6,645	124.2
1974	1,242,433	6,365	213,333,635	858,121	5,824	7,418	127.4
1975	1,359,998	6,936	215,456,585	875,052	6,312	7,926	125.6
1976	1,491,143	7,462	217,553,859	892,335	6,854	8,363	122.0
1977	1,646,608	8,074	219,760,875	915,749	7,493	8,817	117.7
1978	1,851,615	8,963	222,098,244	928,816	8,337	9,650	115.7
1979	2,068,559	10,050	224,568,579	950,050	9,211	10,578	114.8
1980	2,306,348	11,458	227,224,719	967,710	10,150	11,841	116.7
1981	2,583,725	12,389	229,465,744	978,195	11,260	12,665	112.5
1982	2,767,024	13,075	231,664,432	993,780	11,944	13,157	110.2
1983	2,957,347	14,418	233,792,014	1,012,717	12,649	14,237	112.6
1984	3,268,031	15,453	235,824,907	1,027,922	13,858	15,033	108.5
1985	3,501,453	16,452	237,923,734	1,039,698	14,717	15,824	107.5
1986	3,711,654	17,467	240,132,831	1,051,762	15,457	16,607	107.4
1987	3,940,330	18,621	242,288,936	1,067,917	16,263	17,437	107.2
1988	4,259,752	20,454	244,499,004	1,079,827	17,422	18,942	108.7
1989	4,602,330	22,855	246,819,222	1,094,588	18,647	20,880	112.0
1990	4,888,493	24,921	249,622,814	1,113,491	19,584	22,381	114.3
1991	5,053,490	26,359	252,980,941	1,136,754	19,976	23,188	116.1
1992	5,399,838	28,416	256,514,224	1,158,613	21,051	24,526	116.5
1993	5,637,558	29,464	259,918,588	1,172,838	21,690	25,122	115.8
1994	5,927,748	30,112	263,125,821	1,187,536	22,528	25,357	112.6
1995	6,271,253	30,762	266,278,393	1,196,854	23,551	25,702	109.1
1996	6,656,570	30,767	269,394,284	1,203,755	24,709	25,559	103.4
1997	7,069,464	31,773	272,646,925	1,211,640	25,929	26,223	101.1
1998	7,582,710	32,268	275,854,104	1,215,233	27,488	26,553	96.6
1999	7,983,593	33,238	279,040,168	1,210,300	28,611	27,463	96.0
2000	8,630,550	35,104	282,162,411	1,213,519	30,587	28,927	94.6

Continued on next page.

**Table 13.07-- TOTAL AND PER CAPITA PERSONAL INCOME  
FOR THE UNITED STATES AND HAWAII: 1969 TO 2014 -- Con.**

Year	Personal income (millions of dollars)		Resident population 1/		Per capita personal income 2/		
	U.S.	Hawaii	U.S.	Hawaii	Dollars		Hawaii as percent of U.S. average
					U.S.	Hawaii	
2001	8,983,398	36,337	284,968,955	1,225,948	31,524	29,640	94.0
2002	9,146,428	37,939	287,625,193	1,239,613	31,800	30,605	96.2
2003	9,479,763	39,805	290,107,933	1,251,154	32,677	31,814	97.4
2004	10,043,231	43,067	292,805,298	1,273,569	34,300	33,816	98.6
2005	10,605,595	46,126	295,516,599	1,292,729	35,888	35,681	99.4
2006	11,376,405	49,617	298,379,912	1,309,731	38,127	37,883	99.4
2007	11,990,104	52,688	301,231,207	1,315,675	39,804	40,046	100.6
2008	12,429,234	55,217	304,093,966	1,332,213	40,873	41,447	101.4
2009	12,080,223	55,700	306,771,529	1,346,717	39,379	41,360	105.0
2010	12,417,659	56,824	309,326,295	1,363,731	40,144	41,668	103.8
2011	13,189,935	59,192	311,582,564	1,376,897	42,332	42,989	101.6
2012	13,873,161	61,968	313,873,685	1,390,090	44,200	44,578	100.9
2013	14,151,427	63,468	316,128,839	1,404,054	44,765	45,204	101.0
2014	14,708,582	65,861	318,857,056	1,419,561	46,129	46,396	100.6

1/ U.S. Census Bureau midyear population estimate. 2010-2013 use state population estimates released in December 2013, while 2014 estimates reflect the December 2014 release.

2/ Per capita personal income is total personal income divided by July 1 population.

Source: U.S. Bureau of Economic Analysis, State Personal Income Summary SA1-3 (March 25, 2015) <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed May 22, 2015; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.08-- TOTAL AND PER CAPITA DISPOSABLE PERSONAL INCOME  
FOR THE UNITED STATES AND HAWAII: 1969 TO 2014**

[Total and per capita disposable personal income 1969 to 2012 and population 2010 to 2012  
revised from previous *Data Book* ]

Year	Disposable personal income (thousands of dollars)		Resident population 1/		Per capita disposable personal income 2/		Hawaii as percent of U.S. average
	U.S.	Hawaii	U.S.	Hawaii	Dollars		
					U.S.	Hawaii	
1969	687,346	3,164	201,298,000	743,000	3,415	4,258	124.7
1970	752,652	3,692	203,798,722	762,920	3,693	4,839	131.0
1971	822,788	4,066	206,817,509	791,580	3,978	5,137	129.1
1972	892,439	4,425	209,274,882	818,104	4,264	5,408	126.8
1973	999,316	4,908	211,349,205	841,851	4,728	5,830	123.3
1974	1,091,918	5,604	213,333,635	858,121	5,118	6,530	127.6
1975	1,212,852	6,239	215,456,585	875,052	5,629	7,130	126.7
1976	1,319,331	6,660	217,553,859	892,335	6,064	7,463	123.1
1977	1,449,648	7,171	219,760,875	915,749	6,596	7,831	118.7
1978	1,622,805	7,906	222,098,244	928,816	7,307	8,512	116.5
1979	1,800,535	8,825	224,568,579	950,050	8,018	9,289	115.9
1980	2,008,241	10,070	227,224,719	967,710	8,838	10,406	117.7
1981	2,239,462	10,888	229,465,744	978,195	9,759	11,131	114.1
1982	2,413,888	11,698	231,664,432	993,780	10,420	11,771	113.0
1983	2,605,946	12,901	233,792,014	1,012,717	11,146	12,739	114.3
1984	2,891,564	13,848	235,824,907	1,027,922	12,261	13,472	109.9
1985	3,085,163	14,687	237,923,734	1,039,698	12,967	14,126	108.9
1986	3,275,515	15,564	240,132,831	1,051,762	13,640	14,798	108.5
1987	3,452,466	16,367	242,288,936	1,067,917	14,249	15,326	107.6
1988	3,755,981	17,957	244,499,004	1,079,827	15,362	16,630	108.3
1989	4,037,494	19,865	246,819,222	1,094,588	16,358	18,148	110.9
1990	4,297,155	21,673	249,622,814	1,113,491	17,215	19,464	113.1
1991	4,468,304	22,804	252,980,941	1,136,754	17,663	20,061	113.6
1992	4,790,367	25,096	256,514,224	1,158,613	18,675	21,660	116.0
1993	4,991,967	26,062	259,918,588	1,172,838	19,206	22,222	115.7
1994	5,238,120	26,659	263,125,821	1,187,536	19,907	22,449	112.8
1995	5,528,195	27,394	266,278,393	1,196,854	20,761	22,889	110.2
1996	5,825,501	27,231	269,394,284	1,203,755	21,624	22,621	104.6
1997	6,144,254	28,112	272,646,925	1,211,640	22,536	23,201	103.0
1998	6,557,274	28,423	275,854,104	1,215,233	23,771	23,389	98.4
1999	6,877,099	29,217	279,040,168	1,210,300	24,646	24,140	97.9
2000	7,399,373	30,771	282,162,411	1,213,519	26,224	25,357	96.7

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**Table 13.08-- TOTAL AND PER CAPITA DISPOSABLE PERSONAL INCOME  
FOR THE UNITED STATES AND HAWAII: 1969 TO 2014-- Con.**

Year	Disposable personal income (thousands of dollars)		Resident population 1/		Per capita disposable personal income 2/		
	U.S.	Hawaii	U.S.	Hawaii	Dollars		Hawaii as percent of U.S. average
					U.S.	Hawaii	
2001	7,749,670	31,842	284,968,955	1,225,948	27,195	25,973	95.5
2002	8,097,065	33,833	287,625,193	1,239,613	28,151	27,293	97.0
2003	8,479,886	35,797	290,107,933	1,251,154	29,230	28,612	97.9
2004	8,998,333	38,707	292,805,298	1,273,569	30,731	30,392	98.9
2005	9,398,305	41,004	295,516,599	1,292,729	31,803	31,719	99.7
2006	10,025,587	44,005	298,379,912	1,309,731	33,600	33,599	100.0
2007	10,503,612	46,707	301,231,207	1,315,675	34,869	35,501	101.8
2008	10,995,335	49,280	304,093,966	1,332,213	36,158	36,991	102.3
2009	10,936,413	50,970	306,771,529	1,346,717	35,650	37,847	106.2
2010	11,227,398	52,251	309,326,295	1,363,731	36,296	38,315	105.6
2011	11,790,778	53,926	311,582,564	1,376,897	37,842	39,165	103.5
2012	12,370,923	56,275	313,873,685	1,390,090	39,414	40,483	102.7
2013	12,491,246	57,187	316,128,839	1,404,054	39,513	40,730	103.1
2014	12,967,969	59,376	318,857,056	1,419,561	40,670	41,827	102.8

1/ U.S. Census Bureau midyear population estimate. 2010-2013 use state population estimates released in December 2013, while 2014 estimates reflect the December 2014 release.

2/ Per capita disposable personal income is total disposable personal income divided by July 1 population.

Source: U.S. Bureau of Economic Analysis, State Disposable Personal Income Summary SA51-53 (March 25, 2015) <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed March 25, 2015; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.09-- PERSONAL INCOME BY MAJOR SOURCE, BY SIC INDUSTRY:  
1997 TO 2001**

[In thousands of dollars. Industries are grouped according to the 1987 Standard Industrial Classification (SIC) Code. BEA released revised State Personal Income for 1929 to 2001 on May 30, 2014 and restored and revised 2001 on September 30, 2014]

Item	1997	1998	1999	2000	2001
Personal income	31,772,533	32,268,321	33,238,264	35,103,604	36,337,374
Earnings by place of work	23,777,542	23,986,091	24,726,119	26,130,858	27,242,187
Wages & salaries	17,215,868	17,621,036	18,185,436	19,173,030	19,831,092
Suppl. to wages and salaries 1/	4,061,078	4,120,310	4,238,715	4,500,782	4,803,998
Proprietors' income 2/	2,500,596	2,244,745	2,301,968	2,457,046	2,607,097
Farm proprietors' income	36,106	38,283	43,843	40,387	39,138
Nonfarm proprietors' income	2,464,490	2,206,462	2,258,125	2,416,659	2,567,959
Dividends, interest, and rent 3/	6,950,510	7,206,823	7,344,403	7,744,787	7,705,964
Personal current transfer receipts 4/	3,674,544	3,746,737	3,907,850	4,117,162	4,437,034
Less: Contrib. for gov't social ins. 5/	2,630,063	2,671,330	2,740,108	2,889,203	3,047,811
Earnings by industry	23,777,542	23,986,091	24,726,119	26,130,858	27,242,187
Farm earnings	204,858	218,855	246,231	241,591	236,703
Nonfarm earnings	23,572,684	23,767,236	24,479,888	25,889,267	27,005,484
Private nonfarm earnings	16,908,425	16,942,109	17,312,104	18,500,525	19,261,531
Agri. serv, forestry, & fishing	142,547	129,089	133,623	138,578	145,687
Mining	23,275	23,611	23,038	24,195	24,466
Construction	1,462,056	1,384,669	1,388,697	1,581,183	1,653,518
Manufacturing	769,000	740,440	751,839	782,812	828,790
Durable goods	174,055	172,015	176,278	205,538	237,742
Nondurable goods	594,945	568,425	575,561	577,274	591,048
Transp. & public util.	1,888,331	1,878,427	1,953,799	2,053,297	2,136,697
Wholesale trade	913,958	933,281	924,526	982,167	1,009,149
Retail trade	2,911,724	2,864,442	2,981,124	2,989,478	3,019,881
Finance, insur., & real estate	1,937,861	1,952,314	1,984,404	2,146,248	2,139,435
Services	6,859,673	7,035,836	7,171,054	7,802,567	8,303,908
Hotels & other lodging places	1,334,826	1,347,338	1,393,240	1,517,763	(NA)
Business services	843,124	887,213	971,768	1,148,530	(NA)
Health services	1,858,172	1,912,256	1,917,023	2,019,397	(NA)
Other	2,823,551	2,889,029	2,889,023	3,116,877	(NA)
Gov't & gov't enterprises	6,664,259	6,825,127	7,167,784	7,388,742	7,743,953
Federal	3,568,735	3,657,010	3,713,173	3,933,646	4,149,281
Federal, civilian	1,573,065	1,666,832	1,710,658	1,852,452	1,882,754
Military	1,995,670	1,990,178	2,002,515	2,081,194	2,266,527
State & local gov't	3,095,524	3,168,117	3,454,611	3,455,096	3,594,672
State	2,323,403	2,384,735	2,619,973	2,625,779	2,728,706
Local	772,121	783,382	834,638	829,317	865,966

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**Table 13.09-- PERSONAL INCOME BY MAJOR SOURCE, BY SIC INDUSTRY:  
1997 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 30, 2014) <<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1>> accessed September 30, 2014; and calculations by Hawaii State Department of Business, Economic Development & Tourism. See also "Information on the comprehensive revision of Regional Personal Income statistics"

**Table 13.10-- PERSONAL INCOME BY MAJOR SOURCE, BY NAICS  
INDUSTRY: 2010 TO 2014**

[In millions of dollars. For 2007-2010 industries are grouped according to the 2007 North American Industry Classification System (NAICS) Code, and according to the 2012 NAICS for 2011 forward. Estimates for 1998 to 2013 were revised on September 30, 2014 and new estimates for 2014 on March 25, 2015]

Item	2010	2011	2012	2013	2014
Personal income	56,824,393	59,191,956	61,967,663	63,468,314	65,861,271
Earnings by place of work	40,454,217	42,287,905	44,257,454	45,675,978	47,232,223
Less: contrib. for gov't social ins. 1/	4,707,399	4,489,616	4,650,387	5,430,181	5,671,735
Employee and self-employed	2,338,546	1,915,683	1,985,028	2,617,924	2,742,750
Employer	2,368,853	2,573,933	2,665,359	2,812,257	2,928,985
Net earnings by place of residence	35,746,818	37,798,289	39,607,067	40,245,797	41,560,489
Dividends, interest, and rent 2/	12,042,823	11,939,431	12,876,393	13,383,692	13,845,426
Personal current transfer receipts	9,034,752	9,454,236	9,484,203	9,838,825	10,455,356
Wages and salaries	28,621,848	29,513,201	30,617,839	31,486,787	32,603,805
Supp. to wages & sal.- emp'er contrib.	8,157,288	8,926,920	9,058,385	9,360,346	9,650,492
For employee pension & ins. funds 3/	5,788,435	6,352,987	6,393,026	6,548,089	6,721,508
For government social insurance	2,368,853	2,573,933	2,665,359	2,812,257	2,928,985
Proprietors' income 4/	3,675,081	3,847,784	4,581,230	4,828,845	4,977,926
Farm proprietors' income	74,052	89,568	108,187	115,029	79,941
Nonfarm proprietors' income	3,601,029	3,758,216	4,473,043	4,713,816	4,897,985
Farm earnings	267,893	304,836	319,643	348,637	321,696
Nonfarm earnings	40,186,324	41,983,069	43,937,811	45,327,341	46,910,527
Private earnings	26,759,164	27,986,286	29,746,940	31,227,107	32,451,577
Forestry, fishing, rel. activ., & other	53,704	56,576	63,995	64,010	70,143
Mining	35,404	39,360	37,710	35,631	38,565
Utilities	416,273	474,435	486,692	544,671	589,320
Construction	2,887,280	2,919,643	3,064,454	3,283,726	3,438,435
Manufacturing	722,431	776,206	801,262	829,981	852,566
Wholesale trade	1,094,961	1,147,153	1,195,189	1,238,420	1,291,935
Retail trade	2,518,170	2,609,386	2,669,941	2,793,184	2,889,826
Transportation and warehousing	1,359,037	1,485,099	1,586,591	1,705,153	1,784,817
Information	737,206	672,106	673,448	699,161	709,415
Finance and insurance	1,319,971	1,313,482	1,369,336	1,390,379	1,398,675
Real estate and rental and leasing	1,158,232	1,223,357	1,775,647	1,889,528	1,935,124
Professional and technical services	2,391,198	2,508,781	2,584,014	2,631,489	2,713,812
Mgt of companies & enterprises	608,198	673,644	739,269	820,313	819,312
Administrative and waste services	1,673,880	1,832,739	1,947,501	2,058,093	2,209,752
Educational services	675,797	703,226	739,262	737,670	740,126
Health care and social assistance	3,950,926	4,079,025	4,161,708	4,347,695	4,541,182
Arts, entertainment, and recreation	402,868	401,833	440,087	481,923	487,848
Accommodation and food services	3,164,286	3,432,057	3,714,224	3,913,696	4,117,408
Other services, except public admin.	1,589,342	1,638,178	1,696,610	1,762,384	1,823,318

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**Table 13.10-- PERSONAL INCOME BY MAJOR SOURCE, BY NAICS  
INDUSTRY: 2010 TO 2014 -- Con.**

Item	2010	2011	2012	2013	2014
Gov't and gov't enterprises	13,427,160	13,996,783	14,190,871	14,100,234	14,458,950
Federal	7,953,721	8,322,729	8,459,547	8,192,052	8,215,983
Civilian	3,244,750	3,437,499	3,515,634	3,353,594	3,341,647
Military	4,708,971	4,885,230	4,943,913	4,838,458	4,874,336
State and local	5,473,439	5,674,054	5,731,324	5,908,182	6,242,967
State	4,074,356	4,227,969	4,293,678	4,452,913	(NA)
Local	1,399,083	1,446,085	1,437,646	1,455,269	(NA)

NA Not available.

1/ These contributions are included in earnings by type and industry, but are subtracted in the calculation of personal income. They consist of personal contributions for government social insurance and employer contributions for government social insurance.

2/ Rental income of persons includes the capital consumption adjustment.

3/ Includes actual employer contributions and actuarially imputed employer contributions to reflect benefits accrued by defined benefit pension plan participants through service to employers in the current period.

4/ Proprietors' income includes the inventory valuation adjustment and the capital consumption adjustment.

Source: U.S. Bureau of Economic Analysis, Annual State Personal Income, "SA5N Personal Income by Major Component and Earnings by NAICS Industry" (March 25, 2015)

<<http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1>> accessed March 25, 2015.



**Table 13.11-- PERSONAL INCOME TOTAL AND PER CAPITA  
IN CONSTANT DOLLARS, BY STATE: 2008 TO 2013**

State	2008	2009	2010	2011	2012	2013
Real personal income (thousands of chained (2009) dollars) 1/						
Alabama	181,910	179,770	181,817	184,496	185,633	187,518
Alaska	29,022	28,971	30,397	31,904	32,374	32,430
Arizona	223,786	215,991	217,813	225,733	231,829	235,490
Arkansas	107,283	106,098	105,206	109,982	115,748	115,766
California	1,414,820	1,365,685	1,369,471	1,430,508	1,508,765	1,542,356
Colorado	211,672	204,753	205,519	214,564	223,083	225,414
Connecticut	180,084	174,024	178,026	182,283	187,255	187,451
Delaware	35,953	35,388	35,331	36,629	37,503	38,143
Dist. of Col.	35,078	34,576	35,023	37,507	38,489	38,585
Florida	731,274	698,581	721,509	743,979	757,474	765,662
Georgia	364,149	356,007	356,250	373,878	379,388	383,845
<b>Hawaii</b>	<b>46,842</b>	<b>47,713</b>	<b>47,779</b>	<b>48,710</b>	<b>49,941</b>	<b>50,920</b>
Idaho	53,011	52,114	53,141	54,996	56,605	58,586
Illinois	552,631	528,273	527,191	540,205	554,793	558,626
Indiana	246,832	238,798	240,420	248,551	257,810	258,873
Iowa	134,619	132,343	131,492	139,696	142,041	142,922
Kansas	127,939	122,884	121,621	128,194	130,578	132,021
Kentucky	158,896	157,818	159,264	163,978	166,995	166,652
Louisiana	185,382	179,498	182,713	186,187	193,140	194,937
Maine	49,891	50,082	50,281	50,915	50,914	51,878
Maryland	257,017	254,396	257,128	264,348	269,264	268,459
Massachusetts	308,271	304,709	308,464	319,894	333,305	332,925
Michigan	371,868	356,764	360,628	373,177	380,625	382,627
Minnesota	232,647	223,458	229,368	239,324	246,497	246,002
Mississippi	104,922	104,644	104,155	105,946	109,112	109,003
Missouri	252,827	247,683	245,089	246,735	255,656	256,882
Montana	35,630	35,180	35,976	37,740	39,577	39,484
Nebraska	81,389	80,035	79,780	85,842	88,886	90,810
Nevada	105,332	98,510	97,796	98,112	103,388	103,987
New Hampshire	54,604	54,359	54,810	57,389	59,058	59,479
New Jersey	400,504	389,548	387,422	395,629	401,344	401,477
New Mexico	71,310	70,338	71,360	72,943	74,070	73,596
New York	824,555	804,876	822,551	845,834	868,645	865,578
North Carolina	362,181	359,584	365,632	370,641	387,104	387,429
North Dakota	30,482	30,001	32,239	35,148	41,074	39,252
Ohio	466,903	460,072	458,905	478,514	490,999	494,615
Oklahoma	155,734	144,361	148,465	158,519	165,991	167,222
Oregon	141,445	137,723	137,821	142,402	146,536	147,961
Pennsylvania	529,724	525,756	529,392	545,649	558,105	558,402
Rhode Island	44,181	43,641	45,015	45,327	46,526	46,971
South Carolina	165,162	163,150	165,082	168,833	173,613	176,383
South Dakota	37,211	36,958	37,581	40,369	40,561	41,390
Tennessee	242,657	240,725	246,036	253,338	262,076	264,634
Texas	1,001,069	952,680	984,015	1,051,581	1,104,217	1,118,896
Utah	94,362	90,541	91,575	95,356	99,613	101,940
Vermont	25,000	24,626	24,880	25,906	26,099	26,530
Virginia	342,833	338,390	343,986	356,350	365,297	365,386
Washington	281,173	271,637	274,507	284,325	296,951	300,529
West Virginia	65,701	66,178	65,734	68,448	69,563	69,485
Wisconsin	235,527	234,924	233,997	240,142	246,383	249,190
Wyoming	27,912	25,412	26,113	27,808	29,729	29,955

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**Table 13.11-- PERSONAL INCOME TOTAL AND PER CAPITA BY  
STATE IN CONSTANT DOLLARS, BY STATE: 2008 TO 2013-- Con.**

State	2008	2009	2010	2011	2012	2013
Real per capita personal income (chained (2009) dollars) 2/						
Alabama	38,555	37,783	37,993	38,424	38,533	38,794
Alaska	42,217	41,452	42,580	44,104	44,330	44,114
Arizona	35,633	34,051	33,987	34,896	35,388	35,537
Arkansas	37,322	36,625	36,001	37,428	39,239	39,119
California	38,652	36,949	36,682	37,976	39,704	40,236
Colorado	43,289	41,180	40,711	41,920	42,988	42,786
Connecticut	50,791	48,858	49,739	50,790	52,135	52,126
Delaware	40,676	39,684	39,269	40,341	40,895	41,202
Dist. of Col.	60,455	58,383	57,878	60,532	60,763	59,688
Florida	39,470	37,452	38,284	38,986	39,205	39,159
Georgia	38,312	37,004	36,677	38,111	38,262	38,415
<b>Hawaii</b>	<b>35,161</b>	<b>35,429</b>	<b>35,035</b>	<b>35,377</b>	<b>35,927</b>	<b>36,267</b>
Idaho	34,550	33,526	33,832	34,721	35,476	36,340
Illinois	43,354	41,282	41,059	42,020	43,113	43,364
Indiana	38,419	36,970	37,045	38,143	39,434	39,397
Iowa	44,624	43,636	43,108	45,591	46,192	46,247
Kansas	45,561	43,381	42,541	44,674	45,255	45,619
Kentucky	37,040	36,557	36,632	37,550	38,129	37,916
Louisiana	41,794	39,963	40,197	40,695	41,968	42,144
Maine	37,497	37,667	37,880	38,344	38,325	39,056
Maryland	45,210	44,394	44,431	45,263	45,755	45,280
Massachusetts	47,654	46,752	46,999	48,423	50,156	49,744
Michigan	37,385	36,031	36,515	37,792	38,515	38,666
Minnesota	44,339	42,312	43,193	44,758	45,820	45,385
Mississippi	35,593	35,367	35,068	35,577	36,536	36,441
Missouri	42,679	41,550	40,875	41,054	42,436	42,501
Montana	36,491	35,752	36,320	37,831	39,360	38,895
Nebraska	45,307	44,153	43,599	46,609	47,908	48,600
Nevada	39,693	36,693	36,177	36,098	37,536	37,269
New Hampshire	41,495	41,303	41,629	43,540	44,687	44,942
New Jersey	45,976	44,491	44,012	44,771	45,259	45,113
New Mexico	35,466	34,533	34,557	35,104	35,550	35,293
New York	42,918	41,688	42,403	43,370	44,373	44,047
North Carolina	38,905	38,053	38,248	38,403	39,710	39,341
North Dakota	46,356	45,117	47,808	51,321	58,564	54,261
Ohio	40,546	39,906	39,748	41,431	42,500	42,747
Oklahoma	42,446	38,832	39,493	41,875	43,501	43,428
Oregon	37,531	36,161	35,917	36,816	37,575	37,648
Pennsylvania	42,001	41,506	41,650	42,825	43,723	43,715
Rhode Island	41,878	41,419	42,763	43,155	44,298	44,670
South Carolina	36,468	35,546	35,606	36,125	36,756	36,940
South Dakota	46,564	45,793	46,043	49,004	48,631	48,989
Tennessee	38,841	38,174	38,705	39,594	40,601	40,738
Texas	41,181	38,412	38,978	41,012	42,371	42,305
Utah	35,434	33,245	33,007	33,877	34,892	35,141
Vermont	40,055	39,413	39,757	41,363	41,695	42,337
Virginia	43,765	42,694	42,867	43,962	44,621	44,233
Washington	42,847	40,741	40,714	41,681	43,066	43,109
West Virginia	35,701	35,815	35,453	36,895	37,467	37,473
Wisconsin	41,753	41,438	41,131	42,065	43,040	43,392
Wyoming	51,117	45,390	46,281	49,015	51,557	51,410

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**Table 13.11-- PERSONAL INCOME TOTAL AND PER CAPITA BY  
STATE IN CONSTANT DOLLARS, BY STATE: 2008 TO 2013-- Con.**

1/ Real personal income for states is personal income divided by the Regional Price Parity (RPP) and the national Personal Consumption Expenditure (PCE) price index. The result is a chained dollar (using 2009 as base year) estimate of real personal income. Base year was 2008 in *Data Book 2013*.

2/ Real per capita personal income is total real personal income divided by total midyear population.

Source: U.S. Bureau of Economic Analysis, State Real Personal Income (July 1, 2015) <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed July 2, 2015; and calculations by Hawaii State Department of Business, Economic Development & Tourism. See also "Real Personal Income for States and Metropolitan Areas, 2013" <<http://www.bea.gov/newsreleases/regional/rpp/2015/pdf/rpp0615.pdf>>.

**Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND  
POPULATION BY COUNTY: 1969 TO 2013**

<b>Year</b>	<b>State total</b>	<b>City &amp; County of Honolulu</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui and Kalawao</b>
Total (\$1,000)					
1969	3,646,550	3,135,431	227,806	111,917	171,396
1970	4,229,452	3,638,544	269,994	121,243	199,671
1971	4,589,275	3,930,462	303,650	134,832	220,331
1972	5,053,789	4,332,294	335,243	143,778	242,474
1973	5,594,397	4,792,871	371,978	160,941	268,607
1974	6,365,247	5,278,618	509,574	219,322	357,733
1975	6,935,988	5,834,941	508,541	211,674	380,832
1976	7,462,393	6,279,222	532,519	227,668	422,984
1977	8,073,932	6,763,883	585,472	249,828	474,749
1978	8,962,652	7,503,427	653,168	275,342	530,715
1979	10,049,775	8,378,422	743,966	314,084	613,303
1980	11,458,493	9,403,025	932,679	390,834	731,955
1981	12,388,952	10,279,502	941,942	401,033	766,475
1982	13,074,994	10,822,677	988,191	433,065	831,061
1983	14,418,432	11,835,034	1,117,038	488,280	978,080
1984	15,452,778	12,742,146	1,167,366	505,733	1,037,533
1985	16,452,104	13,550,932	1,227,515	545,905	1,127,752
1986	17,466,509	14,306,125	1,338,131	592,304	1,229,949
1987	18,621,398	15,230,577	1,426,583	632,976	1,331,262
1988	20,454,251	16,635,061	1,566,483	753,106	1,499,601
1989	22,854,598	18,416,806	1,812,667	877,488	1,747,637
1990	24,920,974	19,996,006	2,017,739	956,828	1,950,401
1991	26,358,600	21,051,596	2,192,021	1,041,555	2,073,428
1992	28,416,373	22,656,831	2,331,128	1,128,894	2,299,520
1993	29,463,992	23,381,452	2,459,410	1,182,243	2,440,887
1994	30,111,870	23,823,171	2,550,450	1,205,205	2,533,044
1995	30,761,850	24,270,662	2,624,309	1,258,938	2,607,941
1996	30,766,760	24,191,805	2,684,577	1,254,043	2,636,335
1997	31,772,533	25,007,800	2,761,830	1,276,024	2,726,879
1998	32,268,321	25,213,185	2,909,628	1,297,442	2,848,066
1999	33,238,264	25,804,512	3,043,556	1,346,101	3,044,095
2000	35,103,604	27,142,806	3,272,495	1,440,760	3,247,543
2001 1/	36,337,374	27,951,751	3,491,575	1,483,112	3,410,936
2002 1/	37,938,770	29,070,707	3,712,164	1,559,986	3,595,913
2003 1/	39,804,648	30,482,684	3,908,450	1,637,429	3,776,085
2004 1/	43,067,186	32,829,278	4,293,094	1,802,096	4,142,718
2005 1/	46,125,514	34,984,810	4,723,056	1,939,994	4,477,654
2006 1/	49,616,850	37,489,196	5,132,687	2,093,358	4,901,609
2007 1/	52,687,918	39,656,334	5,547,588	2,271,045	5,212,951
2008 1/	55,216,726	41,500,706	5,888,989	2,387,466	5,439,565
2009 1/	55,700,409	42,366,470	5,720,787	2,347,463	5,265,689
2010 1/	56,824,393	43,220,343	5,810,645	2,406,427	5,386,978
2011 1/	59,191,956	45,003,381	6,022,515	2,508,804	5,657,256
2012 1/	61,967,663	47,042,961	6,292,392	2,623,755	6,008,555
2013	63,468,314	47,989,720	6,544,583	2,728,398	6,205,613

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**Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND  
POPULATION BY COUNTY: 1969 TO 2013-- Con.**

Year	State total	City & County of Honolulu	Hawaii	Kauai	Maui and Kalawao
Per capita (dollars)					
1969	4,908	5,196	3,610	3,725	3,693
1970	5,544	5,833	4,249	4,093	4,341
1971	5,798	6,209	4,131	4,056	4,255
1972	6,177	6,516	4,795	4,512	4,709
1973	6,645	7,009	5,106	4,947	5,098
1974	7,418	7,562	6,896	6,741	6,667
1975	7,926	8,243	6,586	6,356	6,720
1976	8,363	8,759	6,617	6,548	7,029
1977	8,817	9,203	7,087	7,054	7,564
1978	9,650	10,133	7,625	7,503	8,047
1979	10,578	11,120	8,353	8,262	8,820
1980	11,841	12,311	10,040	9,927	10,219
1981	12,665	13,392	9,799	9,913	10,352
1982	13,157	13,945	10,002	10,359	10,779
1983	14,237	14,998	11,086	11,409	12,217
1984	15,033	15,972	11,276	11,590	12,505
1985	15,824	16,848	11,591	12,307	13,245
1986	16,607	17,652	12,349	12,999	14,074
1987	17,437	18,609	12,768	13,410	14,705
1988	18,942	20,186	13,809	15,512	15,993
1989	20,880	22,153	15,548	17,604	18,051
1990	22,381	23,846	16,597	18,516	19,176
1991	23,188	24,752	17,224	19,512	19,635
1992	24,526	26,224	17,710	20,737	21,177
1993	25,122	26,864	18,206	21,317	21,805
1994	25,357	27,115	18,520	21,339	22,074
1995	25,702	27,537	18,679	22,060	22,121
1996	25,559	27,384	18,914	21,738	21,844
1997	26,223	28,203	19,120	22,110	22,211
1998	26,553	28,428	19,952	22,430	22,849
1999	27,463	29,360	20,709	23,103	24,129
2000	28,927	30,963	21,927	24,600	25,160
2001 1/	29,640	31,664	23,018	25,106	25,757
2002 1/	30,605	32,646	24,015	26,008	26,719
2003 1/	31,814	34,085	24,668	26,929	27,443
2004 1/	33,816	36,156	26,362	29,022	29,459
2005 1/	35,681	38,102	28,074	30,861	31,214
2006 1/	37,883	40,443	29,577	32,984	33,624
2007 1/	40,046	42,856	31,213	35,215	35,195
2008 1/	41,447	44,449	32,445	36,393	35,923
2009 1/	41,360	44,919	31,154	35,291	34,328
2010 1/	41,668	45,202	31,357	35,807	34,743
2011 1/	42,989	46,605	32,226	37,041	36,114
2012 1/	44,578	48,250	33,368	38,362	37,998
2013	45,204	48,798	34,297	39,251	38,714

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**Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND  
POPULATION BY COUNTY: 1969 TO 2013-- Con.**

Year	State total	City & 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/	1,363,731	956,166	185,307	67,206	155,052
2011 1/	1,376,897	965,629	186,886	67,731	156,651
2012 1/	1,390,090	974,990	188,575	68,395	158,130
2013	1,404,054	983,429	190,821	69,512	160,292

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**Table 13.12-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND  
POPULATION BY COUNTY: 1969 TO 2013-- Con.**

1/ Revised from previous *Data Book*.

2/ Census Bureau midyear population estimates. Estimates for 2010-2013 reflect county population estimates available as of March 2014.

Source: U.S. Bureau of Economic Analysis, "Local Area Personal Income, 2013"  
<[http://www.bea.gov/newsreleases/regional/lapi/lapi\\_newsrelease.htm](http://www.bea.gov/newsreleases/regional/lapi/lapi_newsrelease.htm)> (November 20, 2014); and  
Interactive Data Local Area Personal Income and Employment, "CA1 Personal Income  
Summary: Personal Income, Population, Per Capita Personal Income"  
<<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1&isuri=1&acrdn=5>> accessed  
June 17, 2015.

**Table 13.13-- PERFORMANCE RANKINGS FOR METROPOLITAN STATISTICAL AREA, HONOLULU AND SAN FRANCISCO-SAN MATEO-REDWOOD CITY, CALIFORNIA: 2013 AND 2014**

[Top performer in 2014, San Francisco-San Mateo-Redwood City, California = 1]

Category and location 1/	2013		2014	
	Period	Rank	Period	Rank
Honolulu				
Overall	2013	105	2014	99
Job growth (5-year)	2007 to 2012	76	2008 to 2013	66
Job growth (1-year)	2011 to 2012	65	2012 to 2013	93
Wage growth (5-year)	2006 to 2011	52	2007 to 2012	59
Wage growth (1-year)	2010 to 2011	97	2011 to 2012	97
Short-term job growth	July: 2012 to 2013	144	August: 2013 to 2014	115
High tech GDP growth (5-year)	2007 to 2012	130	2008 to 2013	118
High tech GDP growth (1-year)	2011 to 2012	136	2012 to 2013	131
High-tech GDP concentration 2/	2012	161	2013	168
Number of high-tech GDP industries with location quotients over 1 2/	2012	186	2013	187
San Francisco-San Mateo-Redwood City, CA				
Overall	2013	3	2014	1
Job growth (5-year)	2007 to 2012	36	2008 to 2013	11
Job growth (1-year)	2011 to 2012	3	2012 to 2013	5
Wage growth (5-year)	2006 to 2011	44	2007 to 2012	1
Wage growth (1-year)	2010 to 2011	8	2011 to 2012	1
Short-term job growth	July: 2012 to 2013	44	August: 2013 to 2014	10
High tech GDP growth (5-year)	2007 to 2012	4	2008 to 2013	2
High tech GDP growth (1-year)	2011 to 2012	2	2012 to 2013	20
High-tech GDP concentration 2/	2012	8	2013	8
Number of high-tech GDP industries with location quotients over 1 2/	2012	12	2013	12

1/ Austin-Round Rock-San Marcos, Texas was shown in this table in *2013 Data Book* as ranking #1, achieved an overall rank of 2 in 2014.

2/ 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: 2014, Where America's Jobs Are Created and Sustained* (January 2015) <<http://www.best-cities.org/2014/best-performing-cities-report-2014.pdf>> accessed January 12, 2015. See also San Francisco-San Mateo-Redwood City, CA for 2013 <<http://www.best-cities.org/bestcities.taf?rankyear=2013&type=large-cities&metro=DMSAF>>.



**Table 13.14-- THE NEW ECONOMY INDEX, RANK AND SCORE FOR THE 50 STATES: 2002 TO 2014**

[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					
	2002	2007	2008	2010	2012	2014	2002	2007	2008	2010	2012	2014
Alabama	47	46	47	47	46	41	45.3	45.1	37.4	43.5	45.7	50.4
Alaska	31	25	32	31	28	32	56.3	62.4	50.8	52.1	58.7	56.8
Arizona	16	22	20	20	16	17	67.2	63.2	60.0	61.0	66.7	67.1
Arkansas	48	47	48	48	48	47	41.7	44.7	35.3	40.0	41.7	44.2
California	3	5	8	7	4	3	85.5	82.9	75.0	74.3	79.1	83.7
Colorado	4	9	10	9	7	6	84.3	78.3	70.4	72.8	76.8	81.4
Connecticut	7	6	6	5	9	8	74.2	81.8	76.1	76.6	76.0	77.6
Delaware	9	7	4	6	2	2	70.5	79.6	79.3	75.0	82.1	85.1
Florida	18	23	23	21	21	25	62.7	63.2	58.3	60.6	61.4	61.6
Georgia	22	18	21	19	18	21	60.1	64.8	60.0	62.6	64.8	64.3
<b>Hawaii</b>	<b>35</b>	<b>41</b>	<b>35</b>	<b>40</b>	<b>36</b>	<b>43</b>	<b>53.7</b>	<b>50.9</b>	<b>47.5</b>	<b>48.7</b>	<b>53.5</b>	<b>48.4</b>
Idaho	20	24	26	27	24	24	61.6	62.8	55.6	54.2	60.5	62.3
Illinois	17	16	16	15	20	16	64.7	68.4	62.6	65.1	64.3	67.1
Indiana	36	31	36	35	42	38	52.8	55.8	47.4	49.7	49.4	54.6
Iowa	38	38	42	38	38	37	52.2	51.8	44.5	49.5	52.9	54.8
Kansas	29	34	31	26	29	31	56.7	53.6	52.9	54.5	57.7	57.3
Kentucky	42	45	45	44	45	44	48.6	45.3	41.3	46.0	45.7	48.4
Louisiana	45	44	41	43	44	46	45.9	45.9	44.7	46.0	46.1	47.0
Maine	25	32	28	28	27	28	58.3	55.6	53.9	54.0	58.9	58.3
Maryland	5	3	3	3	5	5	75.6	85.0	80.0	76.9	79.1	81.5
Massachusetts	1	1	1	1	1	1	90.0	96.1	97.0	92.6	92.4	94.7
Michigan	23	19	17	17	19	18	60.0	64.7	62.2	63.4	64.5	67.0
Minnesota	13	11	14	13	13	13	68.7	75.3	66.0	67.5	69.7	71.7
Mississippi	49	49	50	50	50	50	40.9	36.5	29.9	35.3	37.4	38.0
Missouri	24	35	37	33	33	33	58.9	53.5	46.9	50.8	54.9	56.8
Montana	37	42	40	37	37	39	52.8	49.5	46.0	49.7	53.1	54.4

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**Table 13.14-- THE NEW ECONOMY INDEX, RANK AND SCORE FOR THE 50 STATES: 2002 TO 2014 -- Con.**

State	Rank						Score					
	2002	2007	2008	2010	2012	2014	2002	2007	2008	2010	2012	2014
Nebraska	33	28	27	34	35	35	54.4	59.0	55.4	50.5	53.7	56.0
Nevada	32	27	25	30	26	27	55.7	59.2	56.7	52.5	59.0	58.7
New Hampshire	15	13	13	11	12	11	67.6	71.1	67.7	70.6	71.9	74.6
New Jersey	6	2	5	4	10	10	75.1	86.4	77.0	76.9	75.6	75.4
New Mexico	27	33	29	32	30	26	57.2	53.7	53.2	51.7	56.8	58.7
New York	10	10	9	10	11	12	69.3	77.4	74.4	71.3	72.5	73.0
North Carolina	26	26	24	24	25	23	57.5	60.2	57.4	57.1	60.2	63.1
North Dakota	44	37	39	36	34	36	46.1	51.9	46.5	49.7	54.1	55.8
Ohio	30	29	30	25	32	29	56.5	57.8	53.0	55.2	55.5	58.3
Oklahoma	34	40	43	42	47	48	54.1	51.4	43.2	47.2	45.5	44.1
Oregon	11	17	15	14	14	15	68.9	66.8	63.8	67.0	69.3	69.3
Pennsylvania	19	21	22	22	22	22	62.3	63.6	59.2	60.2	60.6	63.2
Rhode Island	21	15	11	16	23	19	61.5	68.6	67.7	63.6	60.5	66.8
South Carolina	41	39	34	39	40	34	51.1	51.5	48.7	49.3	49.8	56.6
South Dakota	43	48	44	45	43	42	47.4	43.8	42.9	45.1	48.0	49.0
Tennessee	39	36	38	41	39	40	52.2	53.3	46.7	48.5	52.2	51.3
Texas	14	14	18	18	17	20	67.6	68.6	62.1	63.0	65.7	65.2
Utah	12	12	12	12	8	9	68.7	73.2	67.7	69.1	76.4	77.0
Vermont	28	20	19	23	15	14	56.9	64.5	60.5	59.5	67.2	69.5
Virginia	8	8	7	8	6	7	72.1	79.5	75.6	73.7	77.9	80.9
Washington	2	4	2	2	3	4	86.2	84.6	81.9	77.5	79.5	82.5
West Virginia	50	50	49	49	49	49	40.7	35.6	31.9	38.1	37.9	39.8
Wisconsin	40	30	33	29	31	30	52.0	55.9	50.6	53.1	55.8	57.8
Wyoming	46	43	46	46	41	45	45.7	47.9	40.1	45.0	49.5	48.1

Source: The Information Technology & Innovation Foundation <<http://www.itif.org/>> *The State New Economy Index: 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](http://www.itif.org/files/2007_State_New_Economy_Index.pdf)>; Ibid. 2008 <[http://www.itif.org/files/2008\\_State\\_New\\_Economy\\_Index.pdf](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; and Ibid 2014 <<http://www.itif.org/publications/2014-state-new-economy-index>> June 19, 2014.

**Table 13.15-- THE NEW ECONOMY INDEX, RANK: 2010 TO 2014**

[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	2014
Overall	40	36	43
Knowledge jobs	(NA)	34	(NA)
Information technology jobs	46	44	44
Managerial, professional, and technical jobs	41	33	31
Workforce education	13	14	15
Immigration of knowledge workers	7	28	23
Migration of U.S. knowledge workers	4	5	10
Manufacturing value added	46	46	50
High-wage traded services	46	39	42
Globalization	(NA)	30	(NA)
Export focus of manufacturing and services	49	40	50
Foreign direct investment	8	19	23
Economic dynamism	(NA)	48	(NA)
Job churning	32	33	31
Fast-growing firms	44	43	32
Initial public offerings	34	32	36
Entrepreneurial activity	45	46	26
Inventor patents	41	39	40
Digital economy	(NA)	32	(NA)
Online population	21	34	(NA)
E-government	25	25	24
Online agriculture	31	26	26
Broadband telecommunications	19	26	40
Health IT	31	27	49
Innovation capacity	(NA)	23	(NA)
High-tech jobs	41	40	41
Scientists and engineers	45	39	41
Patents	42	3	34
Industry investment in R&D	44	27	34
Non-Industry investment in R&D	17	17	19
Movement toward a green economy	24	16	37
Venture capital	36	45	47

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; and Ibid 2014 "Indicator Scores By Rank" <<http://www2.itif.org/2014-snei-master-tables.pdf>> accessed June 19, 2014.

**Table 13.16-- 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

Continued on next page.

**Table 13.16-- 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](http://hawaii.gov/dbedt/info/economic/data_reports/2040-long-range-forecast)> accessed April 2, 2012.

**Table 13.17-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES, UNRELATED INDIVIDUALS, AND PERSONS: 1949 TO 2013**

[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 1/	Persons with income 2/	
				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
2012	66,259	77,447	40,883	45,748	38,040
2013	68,020	80,316	40,189	48,440	40,370

NA Not available.

1/ 14 years old and over through 1969, and 15 years old and over thereafter. Beginning with 2009, refers to median nonfamily income.

2/ 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.

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 January 12, 2015.

**Table 13.18-- MEDIAN INCOME OF FOUR-PERSON FAMILIES IN THE UNITED STATES AND HAWAII: 1974 TO 2013**

[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]

<b>Calendar year 1/</b>	<b>United States (dollars)</b>	<b>Hawaii (dollars)</b>	<b>Hawaii rank 2/</b>	<b>Hawaii as percent of U.S.</b>
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

Continued on next page.

**Table 13.18-- MEDIAN INCOME OF FOUR-PERSON FAMILIES IN THE UNITED STATES AND HAWAII: 1974 TO 2013 -- Con.**

<b>Calendar year 1/</b>	<b>United States (dollars)</b>	<b>Hawaii (dollars)</b>	<b>Hawaii rank 2/</b>	<b>Hawaii as percent of U.S.</b>
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
2012	76,049	83,538	15	109.8
2013	77,953	88,217	11	113.2

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://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=453398313098](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=453398313098)> accessed January 12, 2015 and calculations by Hawaii State Department of Business, Economic Development & Tourism.



**Table 13.19 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, IN CURRENT AND CONSTANT 2013 DOLLARS: 1984 TO 2013**

[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 2013 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]

Year	Median income in current dollars					
	United States			Hawaii		
	Amount (dollars)	Percent change	Standard error	Amount (dollars)	Percent change	Standard error
1984 1/	22,415	(NA)	102	28,877	(NA)	1,216
1985 2/	23,618	5.4	128	28,961	0.3	1,446
1986	24,897	5.4	129	29,003	0.1	1,206
1987 3/	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/	49,276	-1.0	325	59,539	7.0	2,731
2011	50,054	1.6	251	59,047	-0.8	2,531
2012	51,017	1.9	209	56,263	-4.7	2,255
2013	51,939	1.8	276	61,408	9.1	2,207

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**Table 13.19 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, IN CURRENT AND CONSTANT 2013 DOLLARS: 1984 TO 2013 -- Con.**

Year	Median income in constant (2013) dollars					
	United States			Hawaii		
	Amount (dollars)	Percent change	Standard error	Amount (dollars)	Percent change	Standard error
1984 1/	47,866	(NA)	218	61,666	(NA)	2,597
1985 2/	48,761	1.9	264	59,792	-3.0	2,985
1986	50,488	3.5	262	58,814	-1.6	2,446
1987 3/	51,121	1.3	249	68,699	16.8	2,107
1988	51,514	0.8	263	62,486	-9.0	2,804
1989	52,432	1.8	288	63,550	1.7	2,409
1990	51,735	-1.3	264	67,247	5.8	2,443
1991	50,249	-2.9	240	62,125	-7.6	2,719
1992 4/	49,836	-0.8	236	68,506	10.3	2,334
1993 5/	49,594	-0.5	232	67,725	-1.1	2,792
1994 6/	50,148	1.1	228	65,677	-3.0	3,766
1995 7/	51,719	3.1	299	65,037	-1.0	1,961
1996	52,471	1.5	265	61,755	-5.0	2,799
1997	53,551	2.1	247	59,237	-4.1	2,025
1998	55,497	3.6	328	58,268	-1.6	3,381
1999 8/	56,895	2.5	266	62,218	6.8	2,561
2000 9/	56,800	-0.2	179	69,727	12.1	1,614
2001	55,562	-2.2	170	62,419	-10.5	1,653
2002	54,913	-1.2	180	61,250	-1.9	1,775
2003	54,865	-0.1	238	65,651	7.2	1,687
2004 10/	54,674	-0.3	242	69,360	5.6	2,084
2005	55,278	1.1	185	71,100	2.5	1,446
2006	55,689	0.7	239	69,864	-1.7	1,815
2007	56,436	1.3	157	71,928	3.0	2,387
2008	54,423	-3.6	148	66,560	-7.5	1,602
2009 11/	54,059	-0.7	231	60,437	-9.2	2,197
2010 12/	52,646	-2.6	347	63,611	5.3	2,918
2011	51,842	-1.5	260	61,156	-3.9	2,621
2012	51,758	-0.2	212	57,081	-6.7	2,288
2013 13/	51,939	0.3	276	61,408	7.6	2,207

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. See source for specifics.

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 (ASEC) 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/ Implementation of Census 2010-based population controls.

13/ Data are based on the 2014 CPS ASEC with redesigned questions for income and health insurance coverage.

Source: U.S. Census Bureau, Historical Income Tables - Households, Table H-8. Median Household Income by State: 1984 to 2013 <<http://www.census.gov/hhes/www/income/data/historical/household/2013/h08.xls>> accessed January 15, 2015; and calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table 13.20- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 2-YEAR MOVING AVERAGES IN CONSTANT 2013 DOLLARS: 1984 TO 2013**

[Based on small samples and subject to considerable sampling variation. From surveys conducted in March or April of following year. Median income in 2013 CPI-U-RS adjusted dollars. The CPI-U-RS is a price index of inflation that incorporates most of the improvements in methodology made to the current CPI-U since 1978 into a single, uniform series. The Census Bureau recommends 2-year averages to evaluate changes in state estimates over time]

Year	Median income, 2-year moving averages					
	United States			Hawaii		
	Income (dollars)	Percent change	Standard error	Income (dollars)	Percent change	Standard error
1984 1/-1985 2/	48,314	(NA)	198	60,729	(NA)	2,296
1985 2/-1986	49,624	2.7	216	59,303	-2.3	2,236
1986-1987 3/	50,804	2.4	210	63,756	7.5	1,873
1987 3/-1988	51,317	1.0	210	65,592	2.9	2,027
1988-1989	51,973	1.3	227	63,018	-3.9	2,144
1989-1990	52,084	0.2	227	65,398	3.8	1,993
1990-1991	50,992	-2.1	207	64,686	-1.1	2,122
1991-1992 4/	50,043	-1.9	196	65,316	1.0	2,079
1992 4/-1993 5/	49,715	-0.7	192	68,115	4.3	2,110
1993 5/-1994 6/	49,871	0.3	189	66,701	-2.1	2,708
1994 6/-1995 7/	50,933	2.1	218	65,357	-2.0	2,408
1995 7/-1996	52,095	2.3	232	63,396	-3.0	1,970
1996-1997	53,011	1.8	210	60,496	-4.6	1,994
1997-1998	54,524	2.9	238	58,752	-2.9	2,254
1998-1999 8/	56,196	3.1	245	60,243	2.5	2,452
1999 8/-2000 9/	56,847	1.2	184	65,973	9.5	1,736
2000 9/-2001	56,181	-1.2	143	66,073	0.2	1,342
2001-2002	55,238	-1.7	144	61,835	-6.4	1,409
2002-2003	54,889	-0.6	173	63,451	2.6	1,423
2003-2004 10/	54,770	-0.2	197	67,506	6.4	1,553
2004 10/-2005	54,976	0.4	176	70,230	4.0	1,462
2005-2006	55,483	0.9	175	70,482	0.4	1,344
2006-2007	56,062	1.0	165	70,896	0.6	1,734
2007-2008	55,430	-1.1	126	69,244	-2.3	1,654
2008-2009 11/	54,241	-2.1	158	63,498	-8.3	1,570
2009 11/-2010 12/	53,276	-1.8	307	62,108	-2.2	2,424
2010 12/-2011	52,244	-1.9	264	62,384	0.4	2,238
2011-2012	51,800	-0.8	195	59,118	-5.2	1,889
2012-2013 13/	51,849	0.1	183	59,244	0.2	1,614

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**Table 13.20- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 2-YEAR MOVING AVERAGES IN CONSTANT 2013 DOLLARS: 1984 TO 2013 -- Con.**

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 (ACES) 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/ Implementation of Census 2010-based population controls.

13/ Data are based on the 2014 CPS ASEC with redesigned questions for income and health insurance coverage.

Source: U.S. Census Bureau, "Table H-8A. Median Income of Households by State: 1984 to 2013 Two-Year Moving Averages" <<http://www.census.gov/hhes/www/income/data/historical/household/2013/h08A.xls>> accessed January 15, 2015.

**Table 13.21- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 3-YEAR MOVING AVERAGES IN CONSTANT 2013 DOLLARS: 1984 TO 2013**

[Based on small samples and subject to considerable sampling variation. From surveys conducted in March or April of following year. Median income in 2013 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 3-year averages to compare the relative ranking of states]

Year	Median income, 3-year moving averages		
	United States (dollars)	Standard error	Rank between 1/
1984-1986	49,038	175	22 & 23
1985-1987	50,123	181	23 & 24
1986-1988	51,041	180	24 & 25
1987-1989	51,689	187	22 & 23
1988-1990	51,894	191	21 & 22
1989-1991	51,472	185	20 & 21
1990-1992	50,607	172	23 & 24
1991-1993	49,893	165	23 & 24
1992-1994	49,859	162	23 & 24
1993-1995	50,487	176	22 & 23
1994-1996	51,446	187	22 & 23
1995-1997	52,580	189	22 & 23
1996-1998	53,840	195	22 & 23
1997-1999 2/	55,314	199	22 & 23
1998-2000 3/	56,397	184	21 & 22
1999-2001 3/	56,419	144	20 & 21
2000-2002 3/	55,759	123	24 & 25
2001-2003	55,114	137	24 & 25
2002-2004 4/	54,818	156	20 & 21
2003-2005 4/	54,939	157	21 & 22
2004-2006 4/	55,214	154	22 & 23
2005-2007	55,801	139	20 & 21
2006-2008	55,516	128	22 & 23
2007-2009	54,973	125	22 & 23
2008-2010	53,770	144	26 & 27
2009-2011 5/	52,798	256	26 & 27
2010-2012	52,082	214	24 & 25
2011-2013 6/	51,847	171	26 & 27

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**Table 13.21- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 3-YEAR MOVING AVERAGES IN CONSTANT 2013 DOLLARS: 1984 TO 2013-- Con.**

Year	Median income, 3-year moving averages 1/		
	Hawaii (dollars)	Standard error	Rank 1/
1984-1986	60,091	1,891	5
1985-1987	62,435	1,765	5
1986-1988	63,333	1,700	6
1987-1989	64,911	1,731	5
1988-1990	64,428	1,779	6
1989-1991	64,307	1,762	6
1990-1992	65,959	1,761	3
1991-1993	66,119	1,815	3
1992-1994	67,303	2,091	2
1993-1995	66,146	2,064	2
1994-1996	64,156	1,968	3
1995-1997	62,010	1,619	5
1996-1998	59,753	1,889	14
1997-1999 2/	59,908	1,913	16
1998-2000 3/	63,404	1,812	10
1999-2001 3/	64,788	1,360	9
2000-2002 3/	64,465	1,174	10
2001-2003	63,107	1,196	11
2002-2004 4/	65,420	1,287	8
2003-2005 4/	68,704	1,241	4
2004-2006 4/	70,108	1,233	3
2005-2007	70,964	1,332	4
2006-2008	69,451	1,385	5
2007-2009	66,308	1,423	7
2008-2010	63,168	1,415	10
2009-2011 5/	61,791	2,073	9
2010-2012	60,616	1,846	11
2011-2013 6/	59,882	1,445	12

1/ 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 them.

2/ Implementation of Census 2000-based population controls.

3/ Implementation of a 28,000 household sample expansion.

4/ Data had been revised to reflect a correction to the weights in the 2005 Annual Social and Economic Supplement (ASEC) to the Current Population Survey.

5/ Implementation of Census 2010-based population controls.

6/ Data based on the 2014 CPS ASEC with redesigned questions for income and health insurance.

Source: U.S. Census Bureau, "Table H-8B. Median Income of Households by State: 1984 to 2013 Three-Moving Averages" <<http://www.census.gov/hhes/www/income/data/historical/household/2013/h08B.xls>> accessed January 15, 2015; and calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table 13.22-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES AND PERCENT OF FAMILIES AND PERSONS BELOW POVERTY LEVEL, BY COUNTY AND SELECTED CENSUS DESIGNATED PLACE (CDP): 2009-2013**

[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
State	67,402	79,963	11.2	7.9
County: Hawaii	51,250	59,862	18.3	13.5
Honolulu	72,764	85,440	9.8	6.9
Kalawao	59,375	88,750	14.7	0.0
Kauai	62,052	73,205	11.2	7.7
Maui	63,512	75,407	10.6	7.4
CDP: Hilo	53,304	68,172	16.3	12.0
East Honolulu	109,942	119,034	3.6	2.6
Kailua (Oahu)	97,883	105,271	6.5	4.3
Kaneohe	81,397	91,352	7.3	5.0
Pearl City	84,332	93,865	5.8	4.3
Urban Honolulu	59,359	74,763	12.1	8.1
Waipahu	68,856	74,429	13.2	10.9
Kahului	61,100	67,462	10.9	8.1
Lihue	67,448	73,403	13.5	12.8

1/ Inflation- adjusted 2013 dollars for 2009-2013.

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, 2009-2013 American Community Survey 5-Year Estimates extracted by Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center American Community Survey 2013 5-Year Estimates, Data Profiles by Hawaii Geographic Area, State of Hawaii, County: Honolulu, Hawaii, Kauai, Maui, Kalawao, and Census Designated Places: Honolulu County and Neighbor Islands "DP03: Selected Economic Characteristics"

<<http://census.hawaii.gov/acs/american-community-survey-2013/acs-2013-geographic-5yr/>> accessed April 9, 2015.

**Table 13.23-- ESTIMATED MEDIAN HOUSEHOLD INCOME AND POVERTY STATUS, BY COUNTY: 2012 AND 2013**

[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% conf. interval 2/	Number	90% conf. interval 2/	Percent	90% conf. interval 2/	Number	90% conf. interval 2/	Percent	90% conf. interval 2/
2012										
State total	66,086	64,683 to 67,489	159,988	153,828 to 166,148	11.8	11.3 to 12.3	51,557	48,450 to 54,664	17.2	16.2 to 18.2
County										
Hawaii	49,048	46,694 to 51,402	35,283	31,108 to 39,458	18.9	16.7 to 21.1	11,261	9,505 to 13,017	27.2	23.0 to 31.4
Honolulu	70,779	69,478 to 72,080	98,870	91,899 to 105,841	10.4	9.7 to 11.1	31,779	28,660 to 34,898	15.3	13.8 to 16.8
Kalawao 3/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Kauai	55,614	52,005 to 59,223	8,296	6,661 to 9,931	12.3	9.9 to 14.7	2,636	2,039 to 3,233	17.7	13.7 to 21.7
Maui 3/	59,281	56,549 to 62,013	17,539	14,621 to 20,457	11.2	9.3 to 13.1	5,881	4,664 to 7,098	16.8	13.3 to 20.3
2013										
State total	67,798	66,428 to 69,168	153,375	146,661 to 160,089	11.2	10.7 to 11.7	43,574	40,054 to 47,094	14.4	13.2 to 15.6
County										
Hawaii	47,377	43,831 to 50,923	36,553	31,483 to 41,623	19.5	16.8 to 22.2	10,712	8,542 to 12,882	25.8	20.6 to 31.0
Honolulu	72,649	71,213 to 74,085	91,757	84,180 to 99,334	9.6	8.8 to 10.4	25,612	22,176 to 29,048	12.2	10.6 to 13.8
Kalawao 3/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Kauai	55,844	51,748 to 59,940	8,074	6,405 to 9,743	11.8	9.4 to 14.2	2,373	1,737 to 3,009	15.6	11.4 to 19.8
Maui 3/	62,277	59,084 to 65,470	16,991	13,848 to 20,134	10.7	8.7 to 12.7	4,876	3,537 to 6,215	13.8	10.0 to 17.6

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 Income and Poverty Estimates <<http://www.census.gov/hhes/www/saipe/index.html>> accessed June 19, 2015.



**Table 13.24-- INCOME OF HOUSEHOLDS AND FAMILIES:  
2012 AND 2013**

[Economic characteristics not available from the Census 2010. 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/](http://www.census.gov/acs/www/guidance_for_data_users/guidance_main/)>]

Income	Households		Families	
	Number	Percent	Number	Percent
2012 (in 2012 inflation-adjusted dollars)	447,748	100.0	309,165	100.0
Less than \$10,000	27,696	6.2	11,676	3.8
\$10,000 to \$14,999	16,689	3.7	7,757	2.5
\$15,000 to \$24,999	35,231	7.9	18,596	6.0
\$25,000 to \$34,999	32,786	7.3	18,109	5.9
\$35,000 to \$49,999	55,279	12.3	34,456	11.1
\$50,000 to \$74,999	82,941	18.5	57,742	18.7
\$75,000 to \$99,999	66,615	14.9	51,768	16.7
\$100,000 to \$149,999	76,281	17.0	63,494	20.5
\$150,000 to \$199,999	30,700	6.9	25,269	8.2
\$200,000 or more	23,530	5.3	20,298	6.6
Median income (dollars)	66,259	(X)	77,447	(X)
2013 (in 2013 inflation-adjusted dollars)	450,120	100.0	311,203	100.0
Less than \$10,000	25,727	5.7	10,039	3.2
\$10,000 to \$14,999	15,492	3.4	6,166	2.0
\$15,000 to \$24,999	36,286	8.1	16,610	5.3
\$25,000 to \$34,999	34,742	7.7	19,909	6.4
\$35,000 to \$49,999	50,070	11.1	33,259	10.7
\$50,000 to \$74,999	85,002	18.9	59,931	19.3
\$75,000 to \$99,999	60,056	13.3	46,615	15.0
\$100,000 to \$149,999	81,222	18.0	68,091	21.9
\$150,000 to \$199,999	31,969	7.1	25,927	8.3
\$200,000 or more	29,554	6.6	24,656	7.9
Median income (dollars)	68,020	(X)	80,316	(X)

X Not applicable.

Source: U.S. Census Bureau, American Community Survey 1-Year Estimates, Selected Economic Characteristics: 2012 Hawaii as extracted by Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center American Community Survey 2012 Hawaii Geographic Area Profiles (1-Year Estimates) "DP03: Selected Economic Characteristics" <[http://files.hawaii.gov/dbedt/census/acs/ACS2012/ACS2012\\_1\\_Year/geographic/ACS\\_12\\_1YR\\_DP\\_state\\_all.pdf](http://files.hawaii.gov/dbedt/census/acs/ACS2012/ACS2012_1_Year/geographic/ACS_12_1YR_DP_state_all.pdf)> and Ibid. 2013 <[http://files.hawaii.gov/dbedt/census/acs/ACS2013/ACS2013\\_1\\_Year/geographic/ACS\\_13\\_1YR\\_DP\\_state\\_all.pdf](http://files.hawaii.gov/dbedt/census/acs/ACS2013/ACS2013_1_Year/geographic/ACS_13_1YR_DP_state_all.pdf)> accessed June 18, 2015.

**Table 13.25-- INCOME TYPE AND PER CAPITA INCOME, BY COUNTY: 2008-2012 AND 2009-2013**

[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 2008- 2012	447,453	308,490	64,556	48	22,092	52,267
With earnings	366,559	256,452	48,679	45	17,700	43,683
Mean earnings (dollars) 1/	80,458	84,771	65,055	62,476	73,059	75,315
With Social Security income	141,195	96,150	21,993	13	7,431	15,608
Mean Social Security income (dollars) 1/	17,200	17,419	16,665	7,285	16,582	16,903
With retirement income	99,003	71,489	13,250	10	4,479	9,775
Mean retirement income (dollars) 1/	25,716	26,567	24,928	13,570	22,834	21,893
With Supplemental Security income	16,299	10,755	3,156	2	768	1,618
Mean Supplemental Security income (dollars) 1/	9,036	8,817	9,083	7,450	10,808	9,560
With cash public assistance income	16,051	10,000	3,762	-	794	1,495
Mean cash public assistance income (dollars) 1/	5,263	5,278	4,962	-	6,147	5,450
With Food Stamp/SNAP benefits in the past 12 months	41,893	24,403	9,741	-	1,982	5,767
Per capita income (dollars) 1/	29,227	30,219	24,882	50,618	26,464	29,493
Households 2009- 2013	449,771	309,803	64,909	46	22,390	52,623
With earnings	366,773	256,839	48,551	41	17,693	43,649
Mean earnings (dollars) 1/	80,845	85,348	64,180	61,883	72,904	76,121
With Social Security income	143,961	97,131	22,795	16	7,839	16,180
Mean Social Security income (dollars) 1/	17,792	18,049	17,059	8,388	17,537	17,413
With retirement income	100,046	71,413	13,445	13	4,781	10,394
Mean retirement income (dollars) 1/	26,602	27,639	25,046	15,269	23,740	22,817
With Supplemental Security income	17,501	11,519	3,433	2	892	1,655
Mean Supplemental Security income (dollars) 1/	8,942	8,726	9,271	7,550	9,841	9,283
With cash public assistance income	16,912	10,481	3,807	2	899	1,723
Mean cash public assistance income (dollars) 1/	5,171	5,171	4,921	-	6,157	5,211
With Food Stamp/SNAP benefits in the past 12 months	45,823	26,656	10,900	-	2,208	6,059
Per capita income (dollars) 1/	29,305	30,361	24,635	45,515	26,658	29,517

1/ In inflation-adjusted 2012-inflation adjusted dollars for 2008- 2012 and 2013-inflation adjusted dollars for 2009-2013.

Source: U.S. Census Bureau, 2008-2012 American Community Survey 5-Year Estimates, Selected Economic Characteristics: 2008-2012 Hawaii, counties, and places as extracted by Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center, American Community Survey 2012 Hawaii Geographic Area Profiles (5-Year Estimates) "DP03: Selected Economic Characteristics" <[http://dbedt.hawaii.gov/census/acs/ACS2012/ACS2012\\_5\\_Year/acs\\_hi\\_2012\\_profiles\\_5\\_yr\\_estimate/](http://dbedt.hawaii.gov/census/acs/ACS2012/ACS2012_5_Year/acs_hi_2012_profiles_5_yr_estimate/)> accessed June 9, 2014; and Ibid. 2009- 2013 <<http://census.hawaii.gov/acs/american-community-survey-2013/acs-2013-geographic-5yr/>> accessed June 18, 2015.

**Table 13.26-- POVERTY STATUS OF PERSONS: 1969, 1975, AND  
1979 TO 2013**

[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	2.5
1981	953	108	29	11.3	2.9
1982	997	132	32	13.2	3.0
1983	998	129	19	12.9	1.8
1984	997	92	27	9.3	2.6
1985	1,018	109	18	10.7	1.7
1986	1,024	109	18	10.7	1.7
1987	1,086	95	16	8.8	1.5
1988	1,051	117	18	11.1	1.7
1989	1,086	122	19	11.3	1.8
1990	1,100	121	19	11.0	1.7
1991	1,164	90	17	7.7	1.4
1992	1,187	133	20	11.2	1.7
1993	1,135	91	17	8.0	1.5
1994	1,106	97	17	8.7	1.6
1995	1,187	122	20	10.3	1.7
1996	1,172	142	23	12.1	1.8
1997	1,182	164	24	13.9	1.9
1998	1,201	131	22	10.9	1.7
1999	1,225	133	22	10.8	1.7
2000	1,195	106	12	8.9	0.9
2001	1,205	138	13	11.4	1.1
2002	1,219	138	14	11.3	1.0
2003	1,250	117	12	9.3	1.0
2004 2/	1,244	106	12	8.6	1.0
2005 2/	1,274	110	12	8.6	1.0
2006 2/	1,254	116	13	9.2	1.0
2007 2/	1,264	94	12	7.5	0.9
2008 2/	1,255	125	13	9.9	1.1
2009 2/	1,250	156	14	12.5	1.2
2010 2/	1,311	162	15	12.4	1.2
2011 2/	1,337	162	18	12.1	1.4
2012 2/	1,356	188	21	13.8	1.6
2013 2/	1,368	152	16	11.1	1.2

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**Table 13.26-- POVERTY STATUS OF PERSONS: 1969, 1975, AND  
1979 TO 2013 -- 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, 15.0 percent in 2011; 15.0 percent in 2012; and 14.5 percent in 2013.

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 July 13, 2015.

**Table 13.27-- POVERTY STATUS, FOR THE STATE AND BY COUNTY: 2009- 2013**

[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 2009-2013. Data in percent below poverty level]

Subject	State total	City & County of Honolulu	Hawaii County	Kalawao County	Kauai County	Maui County
All families	7.9	6.9	13.5	0.0	7.7	7.4
With related children under 18 years	12.0	10.2	21.8	(1/)	11.6	11.8
With related children under 5 years only	11.8	8.7	25.2	(1/)	17.0	13.8
Married couple families	4.4	3.8	7.6	0.0	5.1	4.0
With related children under 18 years	5.4	4.6	10.4	(1/)	6.8	5.4
With related children under 5 years only	4.5	3.7	8.7	(1/)	5.9	6.1
Families with female householder, no husband present	21.0	19.3	29.9	(1/)	17.9	20.3
With related children under 18 years	31.1	30.2	40.9	(1/)	23.6	26.2
With related children under 5 years only	33.4	28.8	50.6	(1/)	35.2	33.5
All people	11.2	9.8	18.3	14.7	11.2	10.6
Under 18 years	15.4	13.4	27.0	(1/)	13.6	14.4
Related children under 18 years	14.9	13.0	26.6	(1/)	13.1	13.7
Related children under 5 years	15.7	13.2	29.5	(1/)	14.0	16.0
Related children 5 to 17 years	14.6	12.8	25.4	(1/)	12.8	12.8
18 years and over	9.9	8.8	15.8	14.7	10.5	9.5
18 to 64 years	10.5	9.2	17.3	5.8	11.0	10.4
65 years and over	7.4	7.2	9.6	43.8	8.6	5.1
People in families	8.3	7.2	15.1	0.0	7.7	7.6
Unrelated individuals 15 years and over	24.5	22.9	31.6	22.2	27.5	23.3

1/ Either there were no sample observations or too few sample observations were available to compute an estimate.

Source: U.S. Census Bureau, 2009-2013 American Community Survey 5-Year Estimates, Selected Economic Characteristics: 2009-2013 Hawaii, counties, and places as extracted by Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center, American Community Survey 2013 Hawaii Geographic Area Profiles (5-Year Estimates) "DP03: Selected Economic Characteristics" <<http://census.hawaii.gov/acs/american-community-survey-2013/acs-2013-geographic-5yr/>> accessed June 18, 2015.

**Table 13.28-- POVERTY INCOME GUIDELINES FOR HAWAII, 1993 TO 2015  
AND FOR THE UNITED STATES AND ALASKA, 2009 TO 2015**

[In dollars. These family income levels are poverty thresholds established by the U.S. Department of Health and Human Services to determine eligibility for certain Federal programs for the poor]

Effective date	Size of family unit								Add'n member
	1	2	3	4	5	6	7	8	
Feb. 12, 1993	8,040	10,860	13,680	16,500	19,320	22,140	24,960	27,780	2,820
Feb. 10, 1994	8,470	11,320	14,170	17,020	19,870	22,720	25,570	28,420	2,850
Feb. 9, 1995	8,610	11,550	14,490	17,430	20,370	23,310	26,250	29,190	2,940
Mar. 4, 1996	8,910	11,920	14,930	17,940	20,950	23,960	26,970	29,980	3,010
Mar. 10, 1997	9,070	12,200	15,330	18,460	21,590	24,720	27,850	30,980	3,130
Feb. 24, 1998	9,260	12,480	15,700	18,920	22,140	25,360	28,580	31,800	3,220
Mar. 19, 1999	9,490	12,730	15,970	19,210	22,450	25,690	28,930	32,170	3,240
Feb. 15, 2000	9,590	12,930	16,270	19,610	22,950	26,290	29,630	32,970	3,340
Feb. 16, 2001	9,890	13,360	16,830	20,300	23,700	27,240	30,710	34,180	3,470
Feb. 14, 2002	10,200	13,740	17,280	20,820	24,360	27,900	31,440	34,980	3,540
Feb. 7, 2003	10,330	13,940	17,550	21,160	24,770	28,380	31,990	35,600	3,610
Feb. 13, 2004	10,700	14,360	18,020	21,680	25,340	29,000	32,660	36,320	3,660
Feb. 18, 2005	11,010	14,760	18,510	22,260	26,010	29,760	33,510	37,260	3,750
Jan. 24, 2006	11,270	15,180	19,090	23,000	26,910	30,820	34,730	38,640	3,910
Jan. 24, 2007	11,750	15,750	19,750	23,750	27,750	31,750	35,750	39,750	4,000
Jan. 23, 2008	11,960	16,100	20,240	24,380	28,520	32,660	36,800	40,940	4,140
Jan. 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. 22, 2014	13,420	18,090	22,760	27,430	32,100	36,770	41,440	46,110	4,670
Jan. 22, 2015	13,550	18,330	23,110	27,890	32,670	37,450	42,230	47,010	4,780
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
Jan. 22, 2014									
United States 1/	11,670	15,730	19,790	23,850	27,910	31,970	36,030	40,090	4,060
Alaska	14,580	19,660	24,740	29,820	34,900	39,980	45,060	50,140	5,080
Jan. 22, 2015									
United States 1/	11,770	15,930	20,090	24,250	28,410	32,570	36,730	40,890	4,160
Alaska	14,720	19,920	25,120	30,320	35,520	40,720	45,920	51,120	5,200

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**Table 13.28-- POVERTY INCOME GUIDELINES FOR HAWAII, 1993 TO 2015  
AND FOR THE UNITED STATES AND ALASKA, 2009 TO 2015 -- 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; Jan. 15, 2013; Jan. 22, 2014; and Jan. 22, 2015. Also for 1994-2005 <[http://www.access.gpo.gov/su\\_docs/aces/aces140.html](http://www.access.gpo.gov/su_docs/aces/aces140.html)>; for 2000 <[http://www.access.gpo.gov/su\\_docs/fedreg/a000215c.html](http://www.access.gpo.gov/su_docs/fedreg/a000215c.html)>; for 2001 <[http://www.access.gpo.gov/su\\_docs/fedreg/a010216c.html](http://www.access.gpo.gov/su_docs/fedreg/a010216c.html)>; for 2002 <[http://www.access.gpo.gov/su\\_docs/fedreg/a020214c.html](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; for 2013 <<http://aspe.hhs.gov/poverty/13poverty.cfm>> accessed May 15, 2013; for 2014 <<http://aspe.hhs.gov/poverty/14poverty.cfm>> accessed February 21, 2014; and for 2015 <<http://aspe.hhs.gov/poverty/15poverty.cfm>> accessed February 21, 2015.

**Table 13.29-- 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; for 2010- 2011 on September 25, 2012; for 2011-2012 on September 10, 2013; and for 2012-2013 on September 9, 2014 but Honolulu is no longer shown]

<b>Item</b>	<b>2000-2001</b>	<b>2001-2002</b>	<b>2002-2003</b>	<b>2003-2004</b>	<b>2004-2005</b>
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 13.29-- 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 13.30-- 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; for 2010- 2011 on September 25, 2012; for 2011-2012 on September 10, 2013; and for 2012-2013 on September 9, 2014 but Honolulu is no longer shown]

Item	All consumer units in the West	Honolulu	Los Angeles	San Francisco	San Diego	Portland	Seattle	Anchorage	Phoenix	Denver
Average annual expenditures	50,305	54,937	55,760	60,992	59,805	50,313	54,027	59,427	49,009	49,996
Food	6,280	8,089	7,062	7,581	6,437	6,377	6,904	6,412	6,434	6,251
Food at home	3,580	4,231	3,876	3,909	3,462	3,557	3,908	3,713	3,599	3,789
Cereals and bakery products	467	556	492	519	458	453	475	457	470	511
Meats, poultry, fish, and eggs	843	1,090	976	888	761	783	840	846	859	886
Dairy products	406	335	411	445	404	432	457	437	415	428
Fruits and vegetables	635	831	749	772	606	650	666	605	632	619
Other food at home	1,228	1,419	1,248	1,285	1,233	1,239	1,469	1,369	1,222	1,344
Food away from home	2,701	3,858	3,185	3,672	2,976	2,820	2,996	2,698	2,835	2,462
Alcoholic beverages	517	463	485	628	613	526	781	636	585	635
Housing	16,828	17,400	19,911	22,885	21,484	16,039	17,483	18,764	14,719	15,772
Shelter	10,480	10,887	13,030	15,947	14,511	9,862	10,741	11,391	8,414	10,078
Owned dwellings	6,670	6,516	8,122	10,068	9,118	6,650	7,144	7,814	5,911	6,613
Rented dwellings	3,231	3,960	4,383	4,928	4,627	2,535	2,737	2,850	2,100	2,936
Other lodging	579	411	524	951	767	677	860	727	402	530
Utilities, fuels, and public services	2,795	2,813	2,908	2,711	2,767	2,878	2,769	3,228	3,057	3,013
Household operations	904	692	1,224	1,384	1,561	933	725	985	984	722
Housekeeping supplies	618	817	632	634	646	553	706	771	605	548
Household furn. & equipment	2,030	2,191	2,119	2,210	1,999	1,813	2,541	2,388	1,659	1,411
Apparel and services	1,954	2,157	2,386	2,382	1,935	1,822	1,833	1,820	1,876	1,755
Transportation	9,498	9,921	10,972	9,518	11,301	8,845	9,491	12,596	10,549	8,646
Vehicle purchases (net outlay)	4,268	4,768	4,996	3,347	5,681	3,964	3,897	6,082	5,490	3,529
Gasoline and motor oil	1,966	1,658	2,312	1,922	2,094	1,742	1,914	2,157	1,769	1,755
Other vehicle expenses	2,658	2,427	3,029	3,296	2,587	2,542	2,813	3,239	2,911	2,573
Public transportation	606	1,069	635	953	939	596	867	1,119	380	789

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**Table 13.30-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR SELECTED WESTERN METROPOLITAN STATISTICAL AREAS: 2004-2005 -- Con.**

Item	All consumer units in the West	Hono-lulu	Los Angeles	San Francisco	San Diego	Portland	Seattle	Anchorage	Phoenix	Denver
Health care	2,602	2,600	2,275	2,773	3,038	2,693	2,910	3,397	2,890	2,724
Entertainment	2,636	3,126	2,719	2,938	2,653	3,057	3,002	3,420	2,355	3,227
Personal care products and services	621	772	798	664	805	578	625	615	666	636
Reading	153	128	158	212	192	188	214	218	132	144
Education	1,039	1,320	960	1,107	1,245	1,200	1,217	842	739	1,573
Tobacco prod. & smoking supplies	239	241	179	143	136	344	236	440	373	308
Miscellaneous	910	861	848	1,014	940	1,303	1,004	1,227	786	1,010
Cash contributions	1,576	1,112	1,272	1,607	2,520	1,775	2,070	1,853	1,662	1,624
Personal insurance and pensions	5,451	6,746	5,736	7,538	6,507	5,565	6,256	7,187	5,243	5,689
Life and other personal insurance	343	520	298	336	423	367	346	581	400	240
Pensions and Social Security	5,108	6,226	5,438	7,202	6,084	5,198	5,910	6,606	4,843	5,449
Number of consumer units (in 1,000)	25,872	278	5,112	2,724	892	1,052	1,801	119	1,423	1,270
Consumer unit characteristics										
Income before taxes 1/	60,730	70,104	65,810	86,935	69,067	56,702	63,888	71,031	60,726	65,224
Age of reference person	47.0	51.8	46.9	47.0	50.1	47.9	47.8	45.8	45.7	45.6
Average number in consumer unit										
Persons	2.6	2.8	2.9	2.6	2.6	2.5	2.3	2.5	2.6	2.4
Children under 18	0.7	0.6	0.8	0.6	0.6	0.6	0.5	0.7	0.8	0.6
Persons 65 and over	0.3	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.3
Earners	1.4	1.5	1.5	1.4	1.4	1.4	1.5	1.5	1.3	1.4
Vehicles	2.1	1.8	1.9	1.8	1.9	2.2	2.4	2.5	1.8	1.9
Percent homeowner	62	61	58	56	63	63	66	71	70	64

1/ Components of income and taxes are derived from "complete income reporters" only through 2003. Beginning in 2004, income imputation was implemented. As a result, all consumer units are considered to be complete income reporters.

Source: U.S. Bureau of Labor Statistics, Selected Western Metropolitan Statistical Areas: Average Annual Expenditures and Characteristics, Consumer Expenditure Survey 2004-2005 <<http://www.bls.gov/cex/2005/msas/west.pdf>> accessed December 27, 2006.

**Table 13.31-- PERSONAL CONSUMPTION EXPENDITURES, BY MAJOR TYPE OF PRODUCT: 1997 TO 2012**

[In millions of current dollars. These prototype estimates of provide insight into household spending patterns across states and can be used for state-level analysis of consumer activity and household economic well-being by state and regional policy makers for fiscal analysis and by businesses targeting regional markets. These prototype estimates are released by the U.S. Bureau of Economic Analysis for evaluation and comment by data users]

Industry	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Personal consumption expenditures (PCE)	15,655	16,635	17,430	18,436	20,911	22,223	24,278	26,289	29,225	31,861	33,420	35,649	38,022	39,438	40,845	41,992
Goods	8,946	8,879	9,451	10,091	10,502	10,848	11,576	12,586	13,656	14,493	14,901	15,199	14,898	15,447	16,439	17,200
Durable goods	2,743	2,777	3,012	3,277	3,465	3,764	4,174	4,615	4,970	5,143	5,144	4,889	4,547	4,646	4,905	5,284
Motor vehicles & parts	886	932	1,045	1,163	1,268	1,475	1,681	1,753	1,752	1,682	1,628	1,356	1,227	1,267	1,389	1,513
Furnishings & durable household equipment	681	678	752	826	906	956	1,055	1,183	1,324	1,389	1,413	1,383	1,277	1,305	1,333	1,418
Recreational goods & vehicles	721	736	796	859	892	946	1,011	1,189	1,316	1,416	1,405	1,439	1,364	1,362	1,352	1,405
Other durable goods	454	431	419	429	398	387	427	490	578	657	698	711	679	711	832	949
Nondurable goods	6,203	6,103	6,439	6,814	7,037	7,083	7,402	7,970	8,685	9,350	9,757	10,311	10,351	10,801	11,534	11,916
Food & beverages purchased for off-premises consumption	2,621	2,575	2,695	2,815	2,986	3,062	3,136	3,341	3,611	3,834	4,025	4,274	4,478	4,642	4,947	5,033
Clothing and footwear	961	896	886	890	854	786	809	853	928	956	955	951	906	957	1,047	1,122
Gasoline & other energy goods	516	453	484	590	541	513	594	712	850	997	1,057	1,222	896	1,039	1,224	1,229
Other nondurable goods	2,105	2,178	2,375	2,519	2,656	2,723	2,863	3,065	3,296	3,563	3,720	3,864	4,071	4,162	4,316	4,533
Services	6,709	7,756	7,979	8,345	10,409	11,375	12,703	13,703	15,570	17,368	18,519	20,450	23,124	23,991	24,406	24,792
Household consumption expenditures (for services)	6,160	7,046	7,211	7,421	9,510	10,513	11,873	12,648	14,544	16,276	17,635	19,548	22,207	23,172	23,585	23,941
Housing and utilities	5,552	5,928	6,286	6,631	6,678	6,726	6,977	8,157	9,282	10,259	10,835	12,127	12,547	13,371	13,585	13,925
Health care	3,532	3,626	3,692	3,835	4,190	4,478	4,821	4,988	5,480	5,669	6,087	6,492	6,780	6,972	7,282	7,589
Transportation services	872	920	949	990	1,028	1,029	1,088	1,196	1,291	1,355	1,361	1,338	1,220	1,237	1,292	1,386
Recreation services	906	912	902	969	989	1,005	1,076	1,171	1,281	1,361	1,433	1,457	1,384	1,342	1,356	1,440
Food services & accom.	1,360	1,338	1,349	1,407	1,449	1,490	1,624	1,822	1,990	2,145	2,240	2,206	2,071	2,134	2,296	2,491
Financial services & insurance	1,964	2,025	2,163	2,355	2,271	2,350	2,484	2,733	3,009	3,178	3,417	3,458	3,350	3,550	3,728	3,799
Other services	-8,026	-7,703	-8,130	-8,766	-7,095	-6,565	-6,196	-7,419	-7,789	-7,691	-7,738	-7,530	-5,145	-5,434	-5,955	-6,689
Final consumption expenditures of nonprofit institutions serving households (NPISHs)	548	710	767	924	899	862	829	1,055	1,026	1,093	883	902	917	819	820	851
Gross output of nonprofit institutions	2,566	2,785	2,886	3,106	3,256	3,405	3,539	3,902	4,076	4,255	4,160	4,413	4,572	4,652	4,718	4,943
Less: Receipts from sales of goods & serv. by nonprof. inst.	2,018	2,075	2,118	2,182	2,357	2,544	2,710	2,847	3,051	3,162	3,277	3,511	3,656	3,833	3,897	4,092
Addenda:																
Other services, excluding net foreign travel	2,057	2,187	2,197	2,362	2,491	2,612	2,777	2,957	3,218	3,515	3,601	3,757	3,723	3,889	3,999	4,174
Net foreign travel	-10,084	-9,890	-10,326	-11,128	-9,586	-9,177	-8,973	-10,376	-11,007	-11,206	-11,339	-11,287	-8,868	-9,323	-9,954	-10,862
Foreign travel by U.S. residents	872	933	933	921	772	617	591	643	656	708	681	685	508	539	572	587
Less: Exp in U. S. by nonresidents	10,956	10,822	11,259	12,049	10,358	9,794	9,564	11,019	11,662	11,914	12,019	11,972	9,375	9,861	10,525	11,449

Source: U.S. Bureau of Economic Analysis, Personal Consumption Expenditures by State, 1997-2012 (Prototype Estimates), Supplementary Tables, State Personal Consumption Expenditures by Major Type of Product,

**Table 13.32-- PERSONAL CONSUMPTION EXPENDITURES PER CAPITA FOR THE UNITED STATES AVERAGE, THE 50 STATES AND THE DISTRICT OF COLUMBIA: 1997 TO 2012**

[In current dollars. These prototype estimates of provide insight into household spending patterns across states and can be used for state-level analysis of consumer activity and household economic well-being by state and regional policy makers for fiscal analysis and by businesses targeting regional markets. These prototype estimates are released by the U.S. Bureau of Economic Analysis for evaluation and comment by data users]

State	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
U.S. average	20,384	21,387	22,627	24,094	24,927	25,663	26,748	28,186	29,730	31,144	32,332	32,885	32,064	32,964	34,356	35,498
Hawaii	12,920	13,689	14,401	15,192	17,057	17,927	19,405	20,642	22,608	24,327	25,401	26,760	28,233	28,908	29,638	30,160
Hawaii as % of U.S.	63.4	64.0	63.6	63.1	68.4	69.9	72.5	73.2	76.0	78.1	78.6	81.4	88.1	87.7	86.3	85.0
Alabama	17,688	18,299	19,146	20,205	21,078	22,022	22,768	24,091	25,354	26,319	27,120	27,305	26,634	27,533	28,700	29,537
Alaska	22,140	23,014	24,441	26,269	27,802	29,539	31,114	32,688	33,722	34,774	36,074	37,484	37,159	38,472	40,675	41,711
Arizona	19,493	20,383	21,491	22,823	23,498	24,165	25,212	26,990	29,366	31,524	32,707	32,174	30,599	30,802	31,623	32,500
Arkansas	16,156	16,772	17,672	18,861	19,624	20,181	21,033	21,956	23,257	24,178	25,378	25,668	25,295	26,085	27,410	28,366
California	21,204	22,264	23,742	25,386	25,965	26,903	28,255	30,221	32,225	33,957	35,243	35,483	33,702	34,449	35,794	37,134
Colorado	22,381	23,824	25,567	27,604	28,439	28,743	29,695	30,753	31,997	33,201	34,347	35,179	34,142	34,878	36,471	37,564
Connecticut	25,893	27,230	28,914	30,131	31,263	32,401	33,820	35,852	37,788	39,544	40,865	42,612	41,725	43,019	44,419	45,800
Delaware	22,317	23,272	24,695	25,945	27,169	28,349	29,908	31,533	33,111	34,493	35,504	36,121	35,306	36,497	37,869	38,895
Dist. of Col.	29,544	30,448	31,633	34,128	35,753	38,778	40,643	44,452	46,613	50,279	52,514	55,820	54,062	56,209	57,370	59,423
Florida	19,886	20,885	21,698	23,068	24,131	24,914	26,159	27,921	30,107	32,263	32,899	32,500	31,380	31,743	32,749	33,755
Georgia	19,676	20,560	21,803	23,228	23,866	24,388	25,183	26,078	27,539	28,545	29,647	29,577	28,466	29,162	30,281	31,219
<b>Hawaii</b>	<b>12,920</b>	<b>13,689</b>	<b>14,401</b>	<b>15,192</b>	<b>17,057</b>	<b>17,927</b>	<b>19,405</b>	<b>20,642</b>	<b>22,608</b>	<b>24,327</b>	<b>25,401</b>	<b>26,760</b>	<b>28,233</b>	<b>28,908</b>	<b>29,638</b>	<b>30,160</b>
Idaho	17,668	18,341	19,494	20,941	21,638	22,328	23,296	24,359	26,360	28,122	29,405	29,003	27,686	28,267	29,280	30,190
Illinois	21,174	22,167	23,211	24,913	25,542	26,219	27,061	28,443	29,907	31,362	32,828	33,564	32,607	33,690	35,016	36,292
Indiana	19,317	20,224	21,368	22,602	23,457	23,987	24,825	26,190	27,240	28,109	29,036	29,585	28,870	29,826	31,203	32,418
Iowa	19,016	19,879	20,946	22,161	22,700	23,030	23,938	25,393	26,730	27,999	29,323	30,184	29,974	30,858	32,601	33,585
Kansas	18,257	19,297	20,403	21,698	22,551	23,015	23,835	24,961	26,144	27,507	28,828	29,646	29,112	29,771	31,354	32,523
Kentucky	17,516	18,327	19,450	20,618	21,419	22,266	23,150	24,351	25,453	26,371	27,044	27,540	27,348	28,321	29,612	30,621
Louisiana	17,172	17,920	18,695	19,750	20,402	21,035	22,084	23,010	23,881	26,742	28,364	29,356	29,311	29,970	31,083	31,995
Maine	20,179	21,482	22,894	24,126	25,532	26,813	28,192	30,036	31,224	32,636	34,064	34,677	34,824	35,997	37,643	38,677
Maryland	22,081	23,294	24,629	26,390	27,545	28,528	30,018	32,007	34,101	35,840	37,271	38,140	37,863	38,541	39,906	40,980
Massachusetts	25,026	26,291	27,882	30,017	31,640	32,367	34,076	36,019	38,057	39,588	41,233	42,745	42,202	43,895	45,845	47,308
Michigan	22,164	22,580	23,666	24,579	25,148	25,569	26,231	27,155	27,949	28,653	29,364	30,013	29,299	30,097	31,492	32,496
Minnesota	22,102	23,375	25,019	26,812	27,860	28,865	30,271	31,514	32,624	33,615	34,609	35,096	34,275	35,092	36,723	37,904
Mississippi	15,219	15,926	16,901	17,896	18,718	19,300	20,244	21,118	22,400	23,795	25,019	25,979	25,318	25,953	26,809	27,406
Missouri	20,665	21,626	22,833	24,100	25,074	25,979	26,671	27,634	28,533	29,414	30,353	31,182	30,867	31,597	32,955	34,142
Montana	18,398	19,334	20,579	21,968	23,407	24,872	26,101	27,569	29,592	31,474	33,326	33,739	32,828	33,927	35,814	37,098
Nebraska	19,283	20,134	21,528	22,901	24,057	24,552	25,806	27,144	28,558	29,668	31,079	31,914	31,264	32,503	34,181	35,176
Nevada	18,557	19,210	20,409	21,420	22,418	22,952	24,238	26,224	28,418	30,037	30,976	30,260	28,523	28,466	28,852	29,514
New Hampshire	22,688	23,775	25,320	27,024	28,289	29,352	31,165	32,772	34,329	35,459	36,619	37,555	37,168	38,471	40,322	41,621
New Jersey	23,725	24,877	26,300	27,974	29,230	30,764	32,428	34,089	35,569	37,526	38,867	39,890	39,165	40,161	41,442	42,654

Continued on next page.

**Table 13.32-- PERSONAL CONSUMPTION EXPENDITURES PER CAPITA FOR THE UNITED STATES AVERAGE, THE 50 STATES  
AND THE DISTRICT OF COLUMBIA: 1997 TO 2012 -- Con.**

State	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
New Mexico	17,908	18,725	19,570	20,774	21,964	22,853	23,967	24,981	26,504	27,757	29,273	29,941	29,254	30,004	31,501	32,446
New York	22,490	23,654	25,039	26,612	27,693	28,617	30,079	31,737	33,527	35,079	36,393	37,764	37,487	38,851	40,621	42,043
North Carolina	19,161	20,018	21,294	22,629	23,330	23,678	24,251	25,473	26,675	27,712	29,010	29,244	28,546	29,624	30,731	31,891
North Dakota	19,594	20,339	21,239	22,663	23,834	24,960	26,230	27,736	29,322	30,951	32,780	34,417	34,393	36,695	40,331	44,029
Ohio	19,832	20,882	22,090	23,547	24,308	24,923	25,909	26,843	27,829	28,576	29,565	30,063	29,522	30,544	31,957	33,138
Oklahoma	16,707	17,460	18,259	19,467	20,368	20,668	21,468	22,565	24,009	25,439	26,876	27,865	27,154	28,381	30,116	31,391
Oregon	21,217	22,004	23,209	24,616	25,199	25,751	26,415	28,221	29,841	31,871	34,076	33,973	32,734	33,232	34,708	35,762
Pennsylvania	20,389	21,440	22,758	24,315	25,433	26,233	27,598	28,971	30,367	31,606	32,912	34,012	33,894	35,020	36,600	37,618
Rhode Island	20,430	21,177	22,269	23,854	24,697	25,785	27,618	29,338	31,141	32,213	33,249	34,078	33,931	34,957	36,062	36,974
South Carolina	18,230	19,058	20,228	21,416	22,213	22,798	23,599	24,856	26,074	27,176	28,389	28,503	27,594	28,868	29,974	30,728
South Dakota	18,730	19,448	20,662	21,919	22,824	23,834	25,300	26,501	28,202	29,568	31,597	32,609	32,225	33,810	35,775	37,036
Tennessee	19,347	20,224	21,297	22,450	23,004	23,567	24,235	25,492	26,659	27,678	28,532	28,637	28,006	29,233	30,615	31,417
Texas	18,690	19,733	20,865	22,397	22,880	23,223	23,812	24,802	26,253	27,313	28,393	28,993	28,249	29,222	31,004	32,271
Utah	18,135	19,084	20,106	21,259	21,602	21,890	22,510	23,806	25,410	27,272	28,786	29,123	27,962	28,193	29,017	30,181
Vermont	21,383	22,057	23,015	24,268	25,676	26,613	27,363	29,323	31,035	32,527	34,020	35,131	34,935	36,444	38,244	39,443
Virginia	20,353	21,562	23,175	24,998	25,931	26,934	28,449	30,341	32,315	33,714	34,738	35,439	34,721	35,823	37,045	38,133
Washington	21,508	23,570	25,089	26,926	27,395	27,912	29,022	30,625	32,126	33,985	36,006	36,736	35,661	36,262	37,748	39,110
West Virginia	16,281	17,024	17,980	19,133	20,063	21,088	21,750	22,934	23,926	24,876	25,914	26,701	27,045	28,366	29,688	30,642
Wisconsin	19,542	20,466	21,777	23,017	23,943	24,701	25,788	27,227	28,646	30,059	31,321	32,091	31,644	32,529	33,871	34,721
Wyoming	18,814	19,734	21,052	22,481	23,743	24,600	25,754	27,586	29,710	32,069	34,333	35,477	33,525	34,472	36,373	36,891

Source: U.S. Bureau of Economic Analysis, Personal Consumption Expenditures, By State: 1997-2012 (Prototype Estimates), Table 3 (August 7, 2014)  
<<http://www.bea.gov/newsreleases/regional/pce/2014/pdf/pce0814.pdf>> accessed August 7, 2014.

**Table 13.33-- 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](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](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 13.34--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 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 13.35-- NET WORTH OF RICHEST RESIDENTS: 2006 TO 2014**

[There were no Hawaii residents on the Forbes 400 list in 2007]

Name	Residence	Age (yrs)	Net worth (million dollars)	Rank	Primary sources
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)
2013 Omidyar, Pierre	Honolulu	46	8,500	47	Self made, launched Ebay on-line auction 1995, technology newspapers, cable TV)
2014 Omidyar, Pierre	Honolulu	47	8,200	59	Self made, launched Ebay on-line auction 1995, technology newspapers, cable TV)

1/ Sisters Barbara Cox Anthony and Anne Cox Chambers, of Atlanta, shared a fortune. 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, 2006" <<http://www.forbes.com/400richest/>> 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; for 2012 accessed September 19, 2012; for 2013 accessed October 3, 2013, and for 2014. accessed March 18, 2015.

## 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.

**Table**  
**Number**   **Table Name**

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

Narrative

<a href="#">14.01</a>	Implicit Price Deflator for Gross Domestic Product for Hawaii and United States: 1987 to 2014
<a href="#">14.02</a>	Regional Price Parities (RPPs), All Items, by State and for Hawaii, by Component: 2008-2013
<a href="#">14.03</a>	Implicit Regional Price Deflator, by State: 2008 to 2013
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**Table 14.01-- IMPLICIT PRICE DEFLATOR FOR GROSS DOMESTIC PRODUCT FOR HAWAII AND UNITED STATES: 1987 TO 2014**

[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 2014 (see Table 13.03) but Real (Chained- 2009 dollar) GDP is not available before 1987]

Year	Hawaii	United States	Year	Hawaii	United States
SIC 1997 = 100.000 1/			NAICS 2009 = 100.000 1/ 2/		
1987	74.972	76.506	1997	70.905	76.820
1988	77.483	78.970	1998	72.653	77.800
1989	80.307	82.050	1999	74.648	79.024
1990	83.046	85.140	2000	77.179	80.995
1991	86.420	88.154	2001	80.222	82.881
1992	88.478	90.322	2002	82.289	84.165
1993	91.482	92.824	2003	84.561	86.039
1994	93.343	94.848	2004	87.258	88.632
1995	95.477	96.820	2005	90.358	91.634
1996	97.427	98.453	2006	93.583	94.435
1997	100.000	100.000	2007	96.725	97.249
			2008	98.486	99.378
			2009	100.000	100.000
			2010	101.239	101.584
			2011	103.093	103.859
			2012	105.329	106.019
			2013	107.328	107.991
			2014	109.722	109.781

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 joining the two data series in an attempt to construct a single time series of GDP estimates for 1963 to 2011.

2/ 1997 to 2013 Current dollar and Real GDP for Hawaii and the U.S. were revised from previous *Data Book*.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by Industry (June 10, 2015) <[http://www.bea.gov/iTable/index\\_regional.cfm](http://www.bea.gov/iTable/index_regional.cfm)> accessed June 10, 2015; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 14.02-- REGIONAL PRICE PARITIES (RPPs), ALL ITEMS, BY STATE,  
AND FOR HAWAII, BY COMPONENT: 2008 TO 2013**

[RPPs measure differences in price levels of goods and services across states for a given year and are expressed as percentage of the national price level set to 100.0. 2008 to 2012 revised from previous *Data Book*]

State	2008	2009	2010	2011	2012	2013
Hawaii						
All items	118.1	117.1	117.2	116.9	117.1	116.2
Goods	106.1	106.8	107.1	108.5	108.8	108.3
Services: rents	167.5	164.6	159.2	157.3	159.1	158.7
Services: other	109.3	106.6	104.2	103.0	102.9	102.8
Alabama	87.6	87.5	87.9	87.7	88.1	87.7
Alaska	106.9	106.9	105.5	105.1	106.3	106.0
Arizona	100.6	100.1	98.6	97.9	97.7	97.1
Arkansas	86.9	86.6	87.7	87.6	87.6	87.5
California	113.1	112.9	113.6	113.4	113.0	112.3
Colorado	100.4	101.1	100.9	101.4	101.7	102.2
Connecticut	110.7	110.4	109.4	109.0	109.1	108.5
Delaware	102.0	103.2	102.8	101.8	101.6	101.4
District of Columbia	115.6	116.4	118.2	117.8	118.0	117.7
Florida	100.8	100.0	99.1	99.2	98.8	98.8
Georgia	93.5	93.1	92.3	91.9	91.9	91.9
<b>Hawaii</b>	<b>118.1</b>	<b>117.1</b>	<b>117.2</b>	<b>116.9</b>	<b>117.1</b>	<b>116.2</b>
Idaho	95.2	94.8	93.5	93.3	93.5	92.8
Illinois	100.2	100.9	100.9	101.1	100.7	101.0
Indiana	91.2	91.4	91.4	91.7	91.3	91.4
Iowa	88.6	89.0	89.2	90.0	90.0	90.3
Kansas	89.3	89.6	89.9	90.7	90.5	90.8
Kentucky	88.9	88.7	88.6	88.6	88.8	89.1
Louisiana	90.7	91.4	91.2	91.0	91.4	91.2
Maine	98.0	98.1	96.8	97.4	98.2	97.7
Maryland	110.3	111.3	111.0	110.9	110.7	110.9
Massachusetts	108.3	108.0	108.0	107.8	106.7	107.3
Michigan	95.4	95.2	94.7	94.6	94.6	94.2
Minnesota	97.4	97.7	97.1	97.2	97.6	97.6
Mississippi	86.4	85.8	86.7	86.8	86.4	86.8
Missouri	87.8	87.9	88.3	89.1	88.8	89.2
Montana	95.3	94.5	93.9	93.8	93.9	94.4
Nebraska	89.7	89.6	90.3	90.3	90.5	90.5
Nevada	100.8	100.7	99.9	99.8	98.7	98.2
New Hampshire	107.2	106.4	106.5	105.3	105.8	105.9
New Jersey	112.9	113.3	114.1	114.6	114.6	114.5
New Mexico	94.4	94.4	94.6	95.3	95.1	95.0
New York	115.1	115.3	115.2	115.2	115.1	115.3
North Carolina	92.0	92.1	91.3	91.5	91.6	91.7
North Dakota	88.5	89.0	89.2	89.7	90.8	91.4

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**Table 14.02-- REGIONAL PRICE PARITIES, ALL ITEMS, BY STATE,  
AND FOR HAWAII, BY COMPONENT: 2008 TO 2013 -- Con.**

State	2008	2009	2010	2011	2012	2013
Ohio	90.0	89.3	89.8	89.7	89.4	89.6
Oklahoma	88.9	89.5	89.6	89.6	89.8	89.9
Oregon	98.3	98.9	98.5	98.5	98.6	98.7
Pennsylvania	98.2	98.2	98.5	98.4	98.4	98.6
Rhode Island	100.2	100.0	99.1	99.4	98.6	98.1
South Carolina	91.1	91.5	90.4	90.8	90.8	90.5
South Dakota	86.9	85.8	86.9	87.3	88.7	87.6
Tennessee	90.5	90.5	90.2	90.3	90.7	90.6
Texas	96.5	96.4	96.3	96.2	96.4	96.7
Utah	96.8	97.8	96.9	97.2	97.1	97.2
Vermont	100.4	100.6	99.5	99.9	100.6	100.2
Virginia	102.8	103.5	103.1	103.0	103.1	103.0
Washington	103.2	103.7	103.0	102.9	103.2	103.2
West Virginia	87.0	87.5	88.4	88.5	88.5	88.4
Wisconsin	93.0	92.9	92.8	93.3	93.2	92.9
Wyoming	96.1	96.1	95.9	96.7	96.1	95.8

Source: U.S. Bureau of Economic Analysis, Real State Personal Income (July 1, 2015)  
 <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed July 2, 2015. See also  
 "Real Personal Income for States and Metropolitan Areas, 2013"  
 <<http://www.bea.gov/newsreleases/regional/rpp/2015/pdf/rpp0615.pdf>>.

**Table 14.03-- IMPLICIT REGIONAL PRICE DEFLATOR, BY STATE: 2008 TO 2013**

[Calculated as personal income divided by real personal income. Base year is 2009]

State	2008	2009	2010	2011	2012	2013
Alabama	87.4	87.2	89.2	91.1	93.3	94.0
Alaska	106.6	106.6	107.0	109.2	112.6	113.7
Arizona	100.4	99.8	100.0	101.8	103.5	104.1
Arkansas	86.8	86.4	88.9	91.1	92.8	93.8
California	112.8	112.6	115.3	117.8	119.6	120.4
Colorado	100.2	100.8	102.4	105.4	107.7	109.6
Connecticut	110.4	110.1	111.0	113.3	115.5	116.4
Delaware	101.8	102.9	104.3	105.8	107.7	108.8
District of Columbia	115.4	116.1	120.0	122.4	125.0	126.2
Florida	100.6	99.7	100.5	103.2	104.7	106.0
Georgia	93.3	92.8	93.6	95.6	97.3	98.5
<b>Hawaii</b>	<b>117.9</b>	<b>116.7</b>	<b>118.9</b>	<b>121.5</b>	<b>124.1</b>	<b>124.6</b>
Idaho	95.0	94.5	94.9	97.0	99.1	99.5
Illinois	99.9	100.6	102.4	105.1	106.7	108.3
Indiana	91.0	91.1	92.7	95.3	96.7	98.0
Iowa	88.4	88.8	90.5	93.6	95.3	96.8
Kansas	89.1	89.4	91.2	94.2	95.9	97.4
Kentucky	88.7	88.4	89.9	92.1	94.0	95.5
Louisiana	90.5	91.1	92.5	94.6	96.8	97.8
Maine	97.8	97.8	98.2	101.2	104.0	104.8
Maryland	110.1	111.0	112.6	115.3	117.3	118.9
Massachusetts	108.1	107.7	109.6	112.0	113.1	115.1
Michigan	95.2	94.9	96.1	98.3	100.2	101.0
Minnesota	97.1	97.4	98.6	101.0	103.4	104.7
Mississippi	86.2	85.6	87.9	90.2	91.5	93.1
Missouri	87.6	87.6	89.6	92.6	94.1	95.7
Montana	95.1	94.2	95.3	97.5	99.4	101.2
Nebraska	89.5	89.4	91.6	93.8	95.8	97.0
Nevada	100.5	100.4	101.3	103.7	104.5	105.3
New Hampshire	107.0	106.1	108.0	109.5	112.0	113.5
New Jersey	112.7	113.0	115.7	119.1	121.4	122.8
New Mexico	94.2	94.2	96.0	99.0	100.7	101.9
New York	114.8	115.0	116.9	119.8	121.9	123.6
North Carolina	91.8	91.8	92.6	95.1	97.0	98.3
North Dakota	88.3	88.8	90.5	93.3	96.2	98.0
Ohio	89.8	89.0	91.1	93.2	94.7	96.0
Oklahoma	88.7	89.3	90.9	93.1	95.2	96.4
Oregon	98.0	98.6	99.9	102.4	104.5	105.8
Pennsylvania	98.0	97.9	100.0	102.3	104.2	105.7
Rhode Island	100.0	99.7	100.6	103.3	104.4	105.2
South Carolina	90.9	91.2	91.8	94.3	96.2	97.0
South Dakota	86.7	85.6	88.2	90.7	93.9	94.0
Tennessee	90.3	90.2	91.5	93.8	96.1	97.1
Texas	96.3	96.2	97.7	100.0	102.1	103.7
Utah	96.6	97.5	98.3	101.1	102.9	104.3
Vermont	100.2	100.3	100.9	103.9	106.6	107.4
Virginia	102.6	103.2	104.6	107.1	109.2	110.4
Washington	103.0	103.4	104.5	106.9	109.3	110.7
West Virginia	86.8	87.3	89.7	92.0	93.8	94.8
Wisconsin	92.8	92.6	94.2	96.9	98.7	99.7
Wyoming	95.9	95.8	97.3	100.5	101.8	102.8

Source: U.S. Bureau of Economic Analysis, Real State Personal Income (July 1, 2015)  
 <<http://www.bea.gov/iTable/iTable.cfm?ReqID=70&step=1>> accessed July 2, 2015. See also  
 "Real Personal Income for States and Metropolitan Areas, 2013"  
 <<http://www.bea.gov/newsreleases/regional/rpp/2015/pdf/rpp0615.pdf>>.



**Table 14.04-- CONSUMER PRICE INDEX, FOR ALL URBAN CONSUMERS (CPI-U), ALL ITEMS, FOR HONOLULU AND UNITED STATES: 1940 TO 2014**

[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

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**Table 14.04-- CONSUMER PRICE INDEX, FOR ALL URBAN CONSUMERS (CPI-U), ALL ITEMS, FOR HONOLULU AND UNITED STATES: 1940 TO 2014 -- 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
2013	253.924	1.8	232.957	1.5
2014	257.589	1.4	236.736	1.6

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**Table 14.04-- CONSUMER PRICE INDEX, FOR ALL URBAN CONSUMERS (CPI-U), ALL ITEMS, FOR HONOLULU AND UNITED STATES: 1940 TO 2014 -- 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. 1987-2014: 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 26, 2015.

**Table 14.05-- CONSUMER PRICE INDEX- ALL ITEMS, BY TYPE OF CONSUMER, FOR HONOLULU: SEMI-ANNUAL AND ANNUAL AVERAGE, 1984 TO 2014**

[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
2013	253.924	253.202	254.646	252.178	251.663	252.694
2014	257.589	255.989	259.190	254.757	253.417	256.098

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**Table 14.05-- CONSUMER PRICE INDEX- ALL ITEMS, BY TYPE OF CONSUMER, FOR HONOLULU: SEMI-ANNUAL AND ANNUAL AVERAGE, 1984 TO 2014 -- 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	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
2013	1.8	1.8	1.7	1.5	1.5	1.4
2014	1.4	1.1	1.8	1.0	0.7	1.3

1/ From same period in previous year.

Source: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers (CPI-U) and Consumer Price Index-Urban Wage Earners and Clerical Workers (CPI-W), All Items  
 <<http://www.bls.gov/cpi/home.htm>> accessed February 26, 2015.

**Table 14.06-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS (CPI-U),  
BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP,  
FOR HONOLULU: ANNUAL AVERAGE, 2010 TO 2014**

[Unless otherwise specified, 1982-1984 =100. U.S. Bureau of Labor Statistics instituted a 3-decimal presentation beginning January 2007]

Group	2010	2011	2012	2013	2014
All items	234.869	243.622	249.474	253.924	257.589
Food and beverages	224.774	232.656	242.786	250.922	256.023
Food	224.794	233.256	243.315	250.720	256.204
Food at home	232.694	243.147	251.257	254.618	260.591
Food away from home	213.582	219.140	230.345	241.201	247.703
Alcoholic beverages	223.755	222.459	233.299	251.786	250.982
Housing	251.968	260.606	265.473	269.885	273.499
Shelter	272.182	277.348	280.702	285.979	289.519
Rent of primary residence	265.333	271.986	278.121	281.572	287.813
Owners' equiv. rent of prim. res. 1/	282.422	287.113	289.858	296.499	298.747
Fuel and utilities	280.202	335.109	360.247	363.734	375.685
Household energy 2/	240.938	305.047	327.002	326.966	334.996
Energy services 3/	237.451	300.711	322.344	322.311	330.151
Electricity	232.605	295.459	318.271	318.855	327.118
Utility (piped) gas service	277.267	336.101	341.478	328.520	331.538
Household furnishings & operation	157.188	153.134	153.086	153.196	151.278
Household furn. and supplies 4/	95.509	92.597	92.567	92.365	89.619
Apparel	116.423	118.394	121.481	119.011	111.141
Transportation	214.411	229.223	231.275	233.133	236.373
Private transportation	211.530	227.249	235.881	236.516	237.308
Transp. comm. less motor fuel 4/	98.946	99.657	100.044	101.351	103.454
Motor fuel	263.334	311.585	329.113	324.575	317.398
Gasoline (all types)	270.775	320.614	338.599	333.975	326.302
Gasoline, unleaded regular 5/	287.744	340.371	360.067	355.142	346.012
Gasoline, unleaded midgrade 5/ 6/	212.918	249.720	263.366	259.349	257.427
Gasoline, unleaded premium 5/	237.763	283.383	298.215	294.709	287.258
Medical care	320.153	324.180	334.441	345.184	351.763
Education and communication 7/	128.483	132.248	137.276	139.423	143.488
Educ. and comm. commodities 4/	96.000	90.121	92.119	89.320	87.708
Educ. and comm. services 4/	103.233	107.051	111.304	113.495	117.388
Recreation 7/	107.484	110.473	113.961	116.818	119.586
Other goods and services	415.526	433.536	440.428	447.178	457.958
Other goods 4/	102.531	107.441	109.548	109.832	113.828
Other personal services 4/	102.977	106.919	108.212	111.359	112.767
Commodity and service group					
All items	234.869	243.622	249.474	253.924	257.589
Commodities	185.266	192.510	198.400	200.602	201.057
Commodities less food & bev.	158.705	165.441	168.726	167.714	165.695
Nondurables less food & bev.	193.408	208.464	215.562	213.540	210.020
Durables	119.815	118.151	117.277	117.371	116.992
Services	278.394	288.467	294.510	300.849	307.192

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**Table 14.06-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS (CPI-U),  
BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE  
GROUP, FOR HONOLULU: ANNUAL AVERAGE, 2010 TO 2014 -- Con.**

Group	2010	2011	2012	2013	2014
Special aggregate indexes					
All items less shelter	218.944	229.363	236.406	240.466	244.165
All items less medical care	230.394	239.355	244.988	249.131	252.635
All items less energy	235.509	241.020	245.982	251.027	255.021
Energy	252.694	308.050	325.785	323.520	324.528
All items less food and energy	239.010	243.891	247.841	252.469	256.238
Commodities less food	161.351	167.835	171.385	171.027	169.051
Nondurables less food	195.311	209.303	216.645	215.900	212.561
Nondurables	210.505	221.716	230.568	233.677	234.514
Services less rent of shelter 1/	285.581	302.484	312.316	320.021	330.028
Services less medical care services	273.790	284.353	290.148	295.971	302.124

1/ Indexes on a December 1982=100 base.

2/ Historically and as returned via the online database called 'Fuels'.

3/ Previously called 'Gas (piped) and electricity'.

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) All Items  
<<http://www.bls.gov/cpi/home.htm>> accessed February 26, 2015.

**Table 14.07-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER PRICE INDEX,  
ALL URBAN CONSUMERS (CPI-U), FOR THE UNITED STATES AND HONOLULU:  
DECEMBER 2012 TO 2014**

[Percent of all items. 2012 is based on the 2009-2010 weights in the Consumer Expenditure Survey, and 2013 and 2014 on the 2011-2012]

Group	2012 CPI-U		2013 CPI-U		2014 CPI-U	
	U.S.	Honolulu	U.S.	Honolulu	U.S.	Honolulu
Relative importance of area	100.000	0.344	100.000	0.378	100.000	0.380
EXPENDITURE CATEGORY						
All items	100.000	100.000	100.000	100.000	100.000	100.000
Food and beverages	15.261	15.399	14.901	15.014	15.272	15.422
Food	14.312	14.360	13.891	14.046	14.257	14.482
Food at home	8.598	7.213	8.187	6.782	8.427	7.029
Cereals and bakery products	1.231	(NA)	1.141	(NA)	1.138	(NA)
Meats, poultry, fish, and eggs	1.955	(NA)	1.859	(NA)	2.014	(NA)
Meats, poultry, and fish	1.842	(NA)	1.737	(NA)	1.880	(NA)
Dairy and related products	0.905	(NA)	0.860	(NA)	0.898	(NA)
Fruits and vegetables	1.287	(NA)	1.346	(NA)	1.379	(NA)
Other food at home	2.278	(NA)	2.027	(NA)	2.043	(NA)
Food away from home	5.713	7.147	5.704	7.262	5.830	7.453
Alcoholic beverages	0.949	1.039	1.010	0.969	1.015	0.940
Housing	41.021	45.411	41.448	46.124	42.173	46.000
Shelter	31.681	36.777	32.029	37.579	32.711	37.578
Rent of primary residence	6.545	8.463	6.977	8.838	7.159	8.907
Tenants' and household insurance	0.354	(NA)	0.358	(NA)	0.375	(NA)
Owners' equivalent rent of residences	24.041	27.515	23.900	27.686	24.339	27.553
Owners' equivalent rent of primary res.	22.622	26.844	22.505	26.558	22.918	26.430
Lodging away from home	0.741	(NA)	0.795	(NA)	0.839	(NA)
Fuels and utilities	5.300	5.828	5.158	4.812	5.273	4.764
Household energy	4.099	4.160	3.980	3.259	4.051	3.143
Fuel oil and other fuels	0.332	(NA)	0.275	(NA)	0.236	(NA)
Fuel oil	0.234	(NA)	0.173	(NA)	0.139	(NA)
Propane, kerosene, and firewood	0.099	(NA)	0.102	(NA)	0.097	(NA)
Energy services 1/	3.767	4.120	3.705	3.195	3.815	3.079
Electricity	2.850	3.918	2.872	3.093	2.940	2.985
Utility (piped) gas service	0.917	0.203	0.834	0.101	0.875	0.093
Water & sewer & trash collection serv.	1.201	(NA)	1.177	(NA)	1.222	(NA)
Household furnishings and operations	4.040	2.806	4.262	3.723	4.189	3.657
Apparel	3.564	3.781	3.437	2.896	3.343	2.606
Men's and boys' apparel	0.858	(NA)	0.866	(NA)	0.834	(NA)
Women's and girls' apparel	1.495	(NA)	1.504	(NA)	1.439	(NA)
Footwear	0.696	(NA)	0.710	(NA)	0.725	(NA)
Infants' and toddlers' apparel	0.200	(NA)	0.136	(NA)	0.135	(NA)
Jewelry and watches	0.315	(NA)	0.222	(NA)	0.211	(NA)

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**Table 14.07-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER PRICE INDEX,  
ALL URBAN CONSUMERS (CPI-U), FOR THE UNITED STATES AND HONOLULU:  
DECEMBER 2012 TO 2014 -- Con.**

Group	2012 CPI-U		2013 CPI-U		2014 CPI-U	
	U.S.	Honolulu	U.S.	Honolulu	U.S.	Honolulu
EXPENDITURE CATEGORY -- Con.						
Transportation	16.846	14.331	16.418	12.767	15.289	12.551
Private transportation	15.657	12.658	15.254	10.673	14.167	10.448
Motor fuel	5.462	4.132	5.065	3.960	3.979	3.793
Gasoline (all types)	5.274	4.081	4.979	3.930	3.904	3.764
Public transportation 2/	1.189	1.673	1.164	2.094	1.122	2.103
Medical care	7.163	6.027	7.551	7.331	7.716	7.441
Medical care commodities 3/	1.714	1.581	1.704	1.512	1.772	1.546
Medical care services 3/	5.448	4.446	5.847	5.819	5.944	5.895
Recreation	5.990	5.202	5.793	5.198	5.750	5.185
Education and communication	6.779	6.820	7.087	8.042	7.062	8.114
Other goods and services	3.376	3.028	3.365	2.617	3.394	2.681
Personal care	2.571	(NA)	2.662	(NA)	2.676	(NA)
COMMODITY AND SERVICE GROUP 4/						
All items	100.000	100.000	100.000	100.000	100.000	100.000
Commodities	39.680	35.048	38.942	33.718	37.880	33.560
Commodities less food and beverages	24.419	19.649	24.041	18.703	22.608	18.138
Nondurables less food and beverages	15.661	13.133	14.840	12.271	13.658	11.847
Durables	8.759	6.516	9.201	6.432	8.950	6.291
Services	60.320	64.952	61.058	66.279	62.120	66.440
SPECIAL AGGREGATE INDEXES 4/						
All items less shelter	68.319	63.223	67.971	62.417	67.289	62.422
All items less medical care	92.837	93.973	92.449	92.666	92.284	92.559
All items less energy	90.439	91.707	90.954	92.772	91.970	93.064
All items less food and energy	76.127	77.347	77.063	78.723	77.713	78.582
Energy	9.561	8.293	9.046	7.216	8.030	6.936
Commodities less food	25.368	20.688	25.050	19.672	23.623	19.078
Nondurables less food	16.610	14.172	15.849	13.239	14.673	12.787
Nondurables	30.921	28.532	29.740	27.285	28.930	27.269
Services less rent of shelter	28.993	28.333	29.387	29.019	29.784	29.178
Rent of shelter 5/	31.327	36.619	31.671	37.260	32.336	37.262
Services less medical care services	54.872	60.506	55.212	60.460	56.176	60.545

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 February 26, 2015.

**Table 14.08-- MEDIAN GROSS RENT AMOUNT AND AS PERCENTAGE OF HOUSEHOLD INCOME FOR THE UNITED STATES, THE 50 STATES, THE DISTRICT OF COLUMBIA, AND PUERTO RICO: 2013**

[Data based on sample. Rank of 1 indicates highest percentage. Areas in order of highest rank in 2013]

Area	Amount in dollars	Percentage of household income in past 12 months	
		Number	Rank
United States	905	30.8	(X)
Florida	972	34.1	1
California	1,224	33.8	2
Hawaii	1,414	32.9	3
New Jersey	1,171	32.2	4
New York	1,109	32.1	5
Oregon	887	31.9	6
Vermont	865	31.9	7
Connecticut	1,040	31.6	8
Georgia	850	31.4	9
Louisiana	763	31.4	10
Michigan	768	31.4	11
Maine	760	31.2	12
Rhode Island	918	31.2	13
South Carolina	766	31.0	14
Colorado	971	30.9	15
Maryland	1,210	30.8	16
New Mexico	772	30.8	17
Mississippi	708	30.7	18
Delaware	999	30.6	19
Washington	989	30.5	20
Pennsylvania	828	30.2	21
Massachusetts	1,077	30.1	22
Tennessee	748	30.1	23
Alabama	694	30.0	24
North Carolina	778	30.0	25
Indiana	730	29.9	26
Arizona	890	29.8	27
District of Columbia	1,307	29.8	28
Illinois	885	29.8	29

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**Table 14.08-- MEDIAN GROSS RENT AMOUNT AND AS PERCENTAGE OF HOUSEHOLD INCOME FOR THE UNITED STATES, THE 50 STATES, THE DISTRICT OF COLUMBIA, AND PUERTO RICO: 2013-- Con.**

Area	Amount in dollars	Percentage of household income in past 12 months	
		Number	Rank
Nevada	952	29.7	30
Virginia	1,086	29.7	31
Missouri	734	29.5	32
Arkansas	659	29.3	33
Ohio	709	29.3	34
Idaho	725	29.1	35
New Hampshire	995	29.1	36
Minnesota	832	29.0	37
Texas	857	29.0	38
West Virginia	620	28.9	39
Wisconsin	758	28.9	40
Montana	690	28.8	41
Utah	881	28.7	42
Kentucky	668	28.3	43
Kansas	745	28.0	44
Oklahoma	705	27.8	45
Alaska	1,117	27.5	46
Nebraska	714	27.5	47
Iowa	679	27.1	48
Wyoming	780	26.5	49
North Dakota	690	25.9	50
South Dakota	637	25.9	51
Puerto Rico	448	33.7	(X)

X Not applicable.

Source: U.S. Census Bureau, 2013 American Community Survey 1-Year Estimates for the United States and all states "B25064: Median Gross Rent (Dollars) Universe: Renter-occupied housing units paying cash rent <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13\\_1YR/B25064/0100000US|0100000US.04000](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13_1YR/B25064/0100000US|0100000US.04000)> 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://factfinder.census.gov/bkmk/table/1.0/en/ACS/13\\_1YR/B25071/0100000US|0100000US.04000](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13_1YR/B25071/0100000US|0100000US.04000)> accessed July 15, 2015 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 14.09-- MORTGAGE STATUS, MEDIAN SELECTED MONTHLY OWNER COSTS BY MORTGAGE STATUS AND AS A PERCENTAGE OF HOUSEHOLD INCOME, UNITED STATES AND HAWAII: 2012 AND 2013**

[Data based on a sample]

Category	United States	Hawaii
Specified owner-occupied		
2012	74,119,256	254,770
2013	73,843,861	252,999
Specified owner-occupied with a mortgage		
2012: Number	48,726,257	172,799
Percent	65.7	67.8
2013: Number	47,498,648	171,544
Percent	64.3	67.8
Specified owner-occupied without a mortgage		
2012: Number	25,392,999	81,971
Percent	34.3	32.2
2013: Number	26,345,213	81,455.0
Percent	35.7	32.2
Median selected monthly owner costs (in dollars)		
With a mortgage: 2012	1,460	2,244
2013	1,436	2,220
Without a mortgage: 2012	434	513
2013	439	484
Median selected monthly owner costs as a percentage of household income		
With a mortgage: 2012	23.7	29.3
2013	22.8	27.6
Without a mortgage: 2012	12.3	(1/)
2013	11.8	(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, 2012 American Community Survey 1-Year Estimates for the United States and Hawaii, Universe: Owner-occupied housing units "B25081 Mortgage Status 2012" <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/12\\_1YR/B25081/0100000US|0400000US15](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/12_1YR/B25081/0100000US|0400000US15)> and 2013 <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13\\_1YR/B25081/0100000US|0400000US15](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13_1YR/B25081/0100000US|0400000US15)> "B25088 Median Selected Monthly Owner Costs (Dollars) by Mortgage Status 2012" <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/12\\_1YR/B25088/0100000US|0400000US15](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/12_1YR/B25088/0100000US|0400000US15)> and 2013 <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13\\_1YR/B25088/0100000US|0400000US15](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13_1YR/B25088/0100000US|0400000US15)> ; "B25092 Median Selected Monthly Owner Costs as a Percentage of Household Income in the Past 12 Months" <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/12\\_1YR/B25092/0100000US|0400000US15](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/12_1YR/B25092/0100000US|0400000US15)> and 2013 <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13\\_1YR/B25092/0100000US|0400000US15](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13_1YR/B25092/0100000US|0400000US15)> accessed July 17, 2015; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 14.10-- 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: 2012 AND 2013**

[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	
	2012	2013	2012	2013	2012	2013	2012	2013
United States	1,460	1,436	434	439	23.7	22.8	12.3	11.8
Alabama	1,104	1,093	326	332	21.3	20.7	11.1	10.6
Alaska	1,831	1,746	549	552	23.3	22.1	11.3	10.3
Arizona	1,320	1,277	370	368	23.6	22.6	10.9	10.5
Arkansas	975	979	309	313	20.2	19.9	10.7	(1/)
California	2,119	2,059	478	486	28.4	26.8	11.7	11.1
Colorado	1,551	1,516	400	407	23.5	22.4	10.1	(1/)
Connecticut	2,027	1,986	806	792	25.5	24.3	16.5	16.3
Delaware	1,517	1,504	419	422	23.8	22.4	10.9	11.1
Dist. Of Col.	2,262	2,236	542	636	23.3	22.1	(1/)	11.4
Florida	1,425	1,368	447	438	27.1	25.0	13.2	12.6
Georgia	1,331	1,288	375	372	23.1	22.2	11.4	10.8
<b>Hawaii</b>	<b>2,244</b>	<b>2,220</b>	<b>513</b>	<b>484</b>	<b>29.3</b>	<b>27.6</b>	<b>(1/)</b>	<b>(1/)</b>
Idaho	1,174	1,142	323	335	23.6	22.6	(1/)	(1/)
Illinois	1,618	1,565	545	553	24.2	23.1	13.6	13.0
Indiana	1,069	1,062	353	363	20.0	19.6	10.6	10.6
Iowa	1,140	1,118	403	424	20.0	19.2	11.5	10.9
Kansas	1,250	1,241	423	437	20.8	20.1	11.8	11.5
Kentucky	1,084	1,074	311	328	21.1	20.2	10.5	10.1
Louisiana	1,148	1,166	296	299	20.9	20.3	(1/)	(1/)
Maine	1,300	1,268	456	460	23.8	22.9	13.6	13.7
Maryland	1,918	1,867	556	556	23.8	23.2	12.3	11.2
Massachusetts	2,010	1,976	681	684	24.4	23.8	14.9	14.3
Michigan	1,233	1,207	441	445	22.4	21.3	13.3	12.8
Minnesota	1,465	1,438	450	464	22.1	21.5	11.3	11.1
Mississippi	1,031	1,021	317	318	22.4	21.8	11.7	11.4
Missouri	1,176	1,162	376	385	21.6	20.8	11.8	11.5
Montana	1,233	1,259	371	380	22.9	22.4	11.6	10.7
Nebraska	1,229	1,226	449	465	20.7	20.3	12.0	11.7
Nevada	1,433	1,361	397	395	25.4	24.0	10.7	(1/)

Continued on next page.

**Table 14.10-- 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: 2012 AND 2013-- 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	
	2012	2013	2012	2013	2012	2013	2012	2013
New Hampshire	1,828	1,778	716	725	25.8	24.2	16.7	16.4
New Jersey	2,342	2,296	930	945	27.7	26.4	18.6	17.6
New Mexico	1,193	1,193	311	318	23.1	22.5	(1/)	(1/)
New York	1,967	1,956	683	679	25.3	24.6	15.1	14.5
North Carolina	1,209	1,205	351	358	22.3	21.6	11.7	11.3
North Dakota	1,205	1,207	394	420	18.9	18.5	(1/)	(1/)
Ohio	1,215	1,209	417	425	21.7	21.0	12.4	11.9
Oklahoma	1,111	1,094	348	353	20.8	20.1	10.7	10.4
Oregon	1,544	1,502	449	455	25.6	24.2	12.7	12.4
Pennsylvania	1,382	1,373	474	481	22.6	21.9	13.5	13.1
Rhode Island	1,774	1,751	657	655	25.4	24.5	16.2	14.8
South Carolina	1,155	1,144	318	333	22.1	21.7	11.2	10.8
South Dakota	1,174	1,150	399	420	20.9	20.5	10.5	10.7
Tennessee	1,143	1,138	338	347	22.7	21.8	10.7	10.4
Texas	1,374	1,375	432	434	22.1	21.3	11.8	11.2
Utah	1,396	1,377	372	384	23.5	22.6	(1/)	(1/)
Vermont	1,478	1,482	619	629	24.8	24.3	16.8	16.9
Virginia	1,670	1,645	396	414	23.1	22.5	10.6	10.3
Washington	1,715	1,667	493	498	25.0	24.0	12.1	11.6
West Virginia	931	939	278	288	19.2	19.5	(1/)	(1/)
Wisconsin	1,376	1,352	507	516	23.0	22.4	13.6	13.4
Wyoming	1,297	1,330	365	376	20.6	20.9	(1/)	(1/)
Puerto Rico	881	877	150	155	29.1	29.0	10.6	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, 2012 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\\_12\\_1YR\\_B25088&prodType=table](http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_12_1YR_B25088&prodType=table)> and 2013 <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13\\_1YR/B25088/0100000US.04000](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13_1YR/B25088/0100000US.04000)> and "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\\_12\\_1YR\\_B25092&prodType=table](http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_12_1YR_B25092&prodType=table)> and 2013 <[http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13\\_1YR/B25092/0100000US.0400](http://factfinder.census.gov/bkmk/table/1.0/en/ACS/13_1YR/B25092/0100000US.0400)> accessed July 17, 2015.

**Table 14.11-- SINGLE-FAMILY HOME PRICE APPRECIATION FOR THE UNITED STATES, THE 50 STATES, AND THE DISTRICT OF COLUMBIA: 1991 TO 2014**

[In percent change from previous period and number. Period ending December 31 unless otherwise indicated. The House Price Index is based on transactions involving conforming, conventional mortgages purchased or securitized by Fannie Mae or Freddie Mac. The HPI is a broad measure of the movement of single-family house prices. It serves as a timely, accurate indicator of house price trends at various geographic levels The HPI is a weighted, repeat-sales index, meaning that it measures average price changes in repeat sales or refinancings on the same properties]

State	One-year (percent)	Rank 1/	Five-year (percent)	Since 1991, 1st quarter (percent)
United States 2/	4.91	(X)	11.59	113.95
District of Columbia	12.53	1	41.89	361.63
Nevada	9.02	2	31.08	76.78
North Dakota	8.43	3	36.47	195.57
Colorado	7.86	4	24.95	231.61
Michigan	7.83	5	22.07	81.51
Florida	7.75	6	21.09	125.76
California	7.65	7	30.82	119.94
Georgia	7.30	8	11.14	90.80
Washington	7.28	9	7.85	155.95
Arkansas	7.00	10	5.02	99.31
Oregon	6.74	11	13.12	217.36
Texas	6.44	12	20.95	129.50
Rhode Island	6.04	13	-0.84	91.73
South Carolina	5.97	14	5.10	98.59
Alabama	5.68	15	1.02	97.14
Oklahoma	5.65	16	10.92	114.56
<b>Hawaii</b>	<b>5.10</b>	<b>17</b>	<b>18.33</b>	<b>115.34</b>
Idaho	5.05	18	6.89	133.84
Utah	4.52	19	14.39	202.82
Missouri	4.48	20	4.71	99.38
Ohio	4.37	21	6.56	69.24
Arizona	4.37	22	22.13	141.18
South Dakota	4.26	23	13.61	153.40
Kansas	4.08	24	4.45	104.20
New Hampshire	4.02	25	2.02	106.71
Wyoming	4.02	26	11.85	218.65
West Virginia	4.00	27	9.48	104.93
Kentucky	3.91	28	7.36	102.12
Montana	3.91	29	11.24	234.15
Tennessee	3.91	30	10.03	108.16
Minnesota	3.88	31	9.42	135.36

Continued on next page.

**Table 14.11-- SINGLE-FAMILY HOME PRICE APPRECIATION FOR THE UNITED STATES, THE 50 STATES, AND THE DISTRICT OF COLUMBIA: 1991 TO 2014 -- Con.**

<b>State</b>	<b>One-year (percent)</b>	<b>Rank 1/</b>	<b>Five-year (percent)</b>	<b>Since 1991, 1st quarter (percent)</b>
Illinois	3.69	32	0.55	84.17
Nebraska	3.67	33	11.44	117.51
Massachusetts	3.65	34	9.51	138.92
Wisconsin	3.56	35	2.94	117.13
Alaska	3.31	36	11.88	141.27
Virginia	3.05	37	4.17	128.45
New Jersey	2.96	38	-1.54	118.74
Louisiana	2.88	39	8.96	149.37
Iowa	2.79	40	9.03	113.48
Indiana	2.78	41	7.78	72.50
Mississippi	2.53	42	3.37	83.89
North Carolina	2.46	43	2.89	95.62
New Mexico	2.22	44	-3.17	115.72
Pennsylvania	2.02	45	3.06	97.28
New York	1.94	46	2.36	112.60
Maine	1.67	47	1.34	108.40
Connecticut	0.67	48	-4.54	66.66
Delaware	0.64	49	-3.14	83.47
Maryland	-0.67	50	3.98	122.02
Vermont	-2.03	51	2.09	112.45

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 Rise 1.4 Percent in Fourth Quarter Quarter", pp. 14-15 (February 26, 2015) <<http://www.fhfa.gov/webfiles/26102/Q42013HPIreleasepacketfinal.pdf>> accessed April 9, 2015.



**Table 14.12-- 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]

<b>Category</b>	<b>Honolulu</b>	<b>Percent of total</b>	<b>U.S. average</b>	<b>Percent of total</b>	<b>Honolulu indexed to U.S. average</b>
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 14.13-- COST OF LIVING AMONG TOP STATES FOR BUSINESS  
CATEGORY RANKINGS: 2012 TO 2015**

[The CNBC survey scored all 50 states on as many as 60 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. Sorted by 2015 category weights]

Component	2012			2013			2014			2015		
	Category wt. 1/	Score	Rank	Category wt. 1/	Score	Rank	Category wt. 1/	Score	Rank	Category wt. 1/	Score	Rank
Overall	2,500	871	49	2,500	924	50	2,500	938	49	2,225	945	50
Workforce	350	137	35	300	101	45	300	87	49	400	162	46
Infrastructure & transp. 2/	325	75	49	350	66	50	350	107	43	350	94	49
Cost of doing business	350	36	50	450	94	48	450	49	49	350	45	50
Economy	325	96	41	375	185	41	375	189	34	340	123	3/ 42
Quality of life	350	284	2	300	272	1	300	277	1	325	310	1
Technology & innovation	225	62	45	300	81	45	300	110	33	250	93	3/ 36
Education	225	81	39	150	59	40	150	50	42	200	67	45
Business friendliness	200	71	37	200	59	40	200	58	44	160	35	44
Cost of living	50	1	50	50	1	50	50	2	49	75	2	50
Access to capital	100	28	39	25	6	39	25	9	33	50	14	37

1/ Weighting reevaluated for each study. See "Criteria & Categories For CNBC's Top States For Business for 2012" <<http://www.cnbc.com/id/47818860>>; and for 2013 <<http://www.cnbc.com/id/100728441>> accessed July 15, 2013; "America's Top States for Business 2014: Our methodology" <<http://www.cnbc.com/id/101723185>> accessed June 27, 2014; and for 2015 <<http://www.cnbc.com/id/102701598>> accessed June 26, 2015.

2/ Category was 'Transportation & infrastructure' in some 2012 lists.

3/ Tied with Maine.

Source: CNBC "America's Top Ten States for Business: 2012" <<http://www.cnbc.com/id/46413845>> and "Hawaii" <<http://www.cnbc.com/id/100013729>> accessed July 10, 2012; for 2013 <<http://www.cnbc.com/id/100824779>> and "Hawaii" <<http://www.cnbc.com/id/100613938>> accessed July 15, 2013; for 2014 <<http://www.cnbc.com/id/101758236>> and "Hawaii" <<http://www.cnbc.com/id/101693434>> accessed June 27, 2014; and for 2015 <<http://www.cnbc.com/id/101747925>> and "Hawaii" <<http://www.cnbc.com/id/102570702>> and "Maine" <<http://www.cnbc.com/id/102573450>> accessed June 26, 2015.

**Table 14.14-- AVERAGE ANNUAL COST OF FULL-TIME CHILD CARE,  
BY PROVIDER, BY STATE: 2013**

[Costs for school-age care are for the nine-month school year]

State	Child care center			Family child care		
	Infant	4-year-old	School-age	Infant	4-year-old	School-age
Alabama 1/	5,547	5,869	5,223	4,793	4,927	4,685
Alaska	10,280	8,283	5,923	8,580	7,779	5,179
Arizona	9,166	7,334	6,223	6,727	6,334	6,134
Arkansas	5,933	4,944	5,856	5,046	4,588	6,227
California 1/	11,628	8,099	2,493	7,555	7,153	2,872
Colorado	13,143	9,871	4,920	8,817	8,183	4,260
Connecticut	13,241	11,006	5,472	9,790	9,351	4,388
Delaware 1/	9,058	7,208	6,541	6,916	5,893	4,773
Dist. of Columbia	21,948	17,304	13,211	15,240	12,012	9,159
Florida	8,376	6,647	3,791	7,449	6,325	4,083
Georgia	7,025	5,947	3,585	5,781	5,293	3,219
<b>Hawaii</b>	<b>11,748</b>	<b>8,817</b>	<b>8,936</b>	<b>7,540</b>	<b>7,375</b>	<b>7,449</b>
Idaho 1/	6,483	6,380	4,042	5,389	5,114	4,614
Illinois	12,568	9,300	5,912	7,717	7,188	4,537
Indiana	8,281	6,448	5,051	6,591	5,343	3,600
Iowa 1/	9,185	7,904	4,388	6,785	6,521	4,136
Kansas	10,787	7,615	5,429	6,667	5,819	4,087
Kentucky 1/	6,194	5,971	5,468	5,411	5,369	5,126
Louisiana 1/	5,655	4,882	1,086	4,836	4,660	1,995
Maine	9,360	8,320	4,368	6,760	6,500	3,705
Maryland	13,897	9,490	4,109	9,528	7,798	3,632
Massachusetts	16,549	12,320	3,414	10,535	9,904	3,955
Michigan	9,724	7,956	4,140	6,656	6,448	4,068
Minnesota	13,993	10,812	(NA)	7,835	7,108	(NA)
Mississippi	5,496	4,800	3,840	4,560	4,320	3,180
Missouri 1/	8,736	6,074	3,508	5,644	4,894	3,059
Montana	8,858	7,805	7,659	7,173	6,748	6,717
Nebraska	9,100	7,800	4,875	6,760	6,500	4,875
Nevada 2/	10,095	8,208	4,882	8,481	7,855	3,432
New Hampshire 2/	11,901	9,623	4,577	8,688	8,275	2,962
New Jersey	11,534	9,546	3,475	8,699	7,790	3,268
New Mexico	7,523	6,868	3,366	6,179	5,791	3,610
New York 2/	14,508	12,280	11,352	10,727	9,962	9,844

Continued on next page.

**Table 14.14-- AVERAGE ANNUAL COST OF FULL-TIME CHILD CARE,  
BY PROVIDER, BY STATE: 2013 -- Con.**

State	Child care center			Family child care		
	Infant	4-year-old	School-age	Infant	4-year-old	School-age
North Carolina	9,107	7,471	3,740	6,828	5,826	3,641
North Dakota	7,871	7,147	(NA)	6,662	6,383	(NA)
Ohio	7,771	6,487	4,027	6,744	6,080	4,145
Oklahoma	7,741	5,761	3,546	6,225	5,398	3,650
Oregon	11,078	8,615	3,888	6,878	6,409	3,852
Pennsylvania 1/	10,470	8,727	5,601	7,943	7,128	5,263
Rhode Island	12,662	10,400	5,323	9,880	9,100	5,850
South Carolina 1/	6,372	5,385	2,221	4,577	4,039	1,817
South Dakota 1/	5,571	5,319	3,941	4,727	4,537	3,482
Tennessee	5,857	4,515	2,451	4,773	4,064	2,516
Texas 1/	8,619	6,643	3,165	6,623	5,192	2,604
Utah	8,052	6,108	3,285	6,000	5,232	2,952
Vermont 1/	10,103	10,068	5,409	7,729	7,191	4,741
Virginia	10,028	7,696	4,953	8,272	6,656	4,173
Washington	12,332	9,306	4,317	9,252	7,678	3,679
West Virginia	7,800	6,760	6,500	5,720	5,200	5,200
Wisconsin	11,342	9,302	8,683	8,963	8,088	7,643
Wyoming 1/	9,233	7,914	7,914	7,914	7,122	7,122

NA Not available.

1/ 2012 data, adjusted for inflation.

2/ 2011 data, adjusted for inflation.

Source: Child Care Aware of America, *Parents and the High Cost of Child Care 2014 Report*, pp. 40-41 <<http://cca.worksmartsuite.com/UserContentStart.aspx?category=27>> accessed March 18, 2015.

**Table 14.15-- HOUSING'S MOST EXPENSIVE 25 MARKETS AND MOST AFFORDABLE 25 MARKETS IN THE UNITED STATES: 2014**

[The Coldwell Banker "U.S. Home Listing Report" analyzes the average listing price of four-bedroom, two-bathroom properties on coldwellbanker.com listed between January 2014 and June 2014 from more than 52,257 listings in 1,971 markets. In 2013, Kailua, Hawaii ranked 20th most expensive at \$1,004,567. In 2014, Hawaii had no listings in either top 25 'Most expensive' or 'Most affordable'. Markets without at least 10 four-bedroom, two-bathroom listings on coldwellbanker.com during that period were excluded ]

Rank	Most expensive	Average listing price	Rank	Most affordable	Average listing price
<b>114</b>	<b>Kapolei, HI</b>	<b>625,075</b>	<b>1,636</b>	<b>Waianae, HI</b>	<b>445,850</b>
1	Los Altos, CA	1,963,100	1	Cleveland, OH	64,993
2	Newport Beach, CA	1,904,083	2	Riverdale, GA	68,207
3	Saratoga, CA	1,867,980	3	Park Forest, IL	75,647
4	Redwood City/Woodside, CA	1,430,329	4	Lake Wales, FL	82,330
5	Los Gatos, CA	1,307,408	5	Lithonia, GA	94,076
6	San Francisco, CA	1,294,250	6	Buffalo, NY	97,288
7	Sunnyvale, CA	1,267,185	7	Waukegan, IL	98,226
8	Moraga, CA	1,129,300	8	Augusta, GA	98,233
9	San Mateo, CA	1,093,346	9	Cheektowaga, NY	101,475
10	Wellesley, MA	1,090,089	10	Utica, NY	107,211
11	Santa Barbara, CA	1,040,827	11	Zion, IL	107,276
12	Mercer Island, WA	1,013,446	12	Parma/Parma Hts, OH	110,103
13	Irvine, CA	1,012,254	13	Douglas, GA	110,757
14	Stevensville, MD	1,009,530	14	Gloversville, NY	111,464
15	Orono/Medina, MN	995,244	15	Beloit, WI	113,086
16	Winnetka, IL	933,182	16	Geneva, NY	113,250
17	Morgan Hill, CA	932,959	17	Sioux City, IA	113,295
18	Cohasset, MA	923,889	18	Payette, ID	115,510
19	Greenwich, CT	923,690	19	Scranton, PA	118,424
20	Westport, CT	923,422	20	Waterville, ME	118,685
21	Lexington, MA	918,600	21	Kankakee, IL	119,180
22	Chatham Township, NJ	892,489	22	East Orange, NJ	120,000
23	Hingham, MA	891,342	23	Forest Park, OH	120,247
24	Newton, MA	884,767	24	North Platte, NE	120,583
25	Marblehead, MA	875,347	25	Radcliff, KY	120,765

Source: Coldwell Banker, "Coldwell Banker Real Estate Releases Extensive Home Listing Report Comparing Average Home Price In 2,000 Markets Across All 50 States" (November 12, 2014)  
 <<http://blog.coldwellbanker.com/latest-home-listing-report-ranks-expensive-affordable-cities-buy-home/>>  
 accessed April 9, 2015.

**Table 14.16-- AVERAGE GASOLINE PRICE FOR THE UNITED STATES AND FOR THE 50 STATES AND THE DISTRICT OF COLUMBIA: JULY 22, 2015**

[Over 120,000 retail gasoline self-serve stations are surveyed and updated daily. Prices are in dollars per gallon. Rank of 1 indicates highest price per gallon. Rank is among 50 states and District of Columbia]

Item	Regular	Mid	Premium	Diesel
Hawaii	3.332	3.437	3.530	4.471
Hawaii rank	3	3	3	1
U. S. average	2.746	2.980	3.178	2.792
Hawaii as percent of U.S. average	121.3	115.3	111.1	160.1
Alabama	2.395	2.650	2.889	2.716
Alaska	3.481	3.514	3.645	3.448
Arizona	2.839	2.988	3.142	2.708
Arkansas	2.466	2.669	2.891	2.602
California	3.865	3.984	4.087	3.141
Colorado	2.792	2.960	3.142	2.660
Connecticut	2.896	3.128	3.308	3.195
Delaware	2.626	2.931	3.145	2.759
District of Columbia	2.886	3.127	3.387	3.025
Florida	2.614	2.873	3.092	2.836
Georgia	2.592	2.836	3.049	2.783
<b>Hawaii</b>	<b>3.332</b>	<b>3.437</b>	<b>3.530</b>	<b>4.471</b>
Idaho	3.053	3.168	3.303	3.038
Illinois	2.797	3.087	3.394	2.757
Indiana	2.521	2.724	2.928	2.684
Iowa	2.754	2.747	3.145	2.623
Kansas	2.671	2.830	3.005	2.617
Kentucky	2.581	2.801	2.992	2.686
Louisiana	2.490	2.719	2.937	2.636
Maine	2.750	2.919	3.064	2.835
Maryland	2.706	2.972	3.189	2.847
Massachusetts	2.721	2.932	3.084	2.954
Michigan	2.684	2.909	3.133	2.803
Minnesota	2.762	2.895	3.133	2.714
Mississippi	2.412	2.630	2.854	2.587
Missouri	2.552	2.705	2.899	2.513
Montana	2.832	2.987	3.186	2.814
Nebraska	2.766	2.783	3.086	2.635
Nevada	3.262	3.401	3.517	2.973
New Hampshire	2.685	2.870	3.033	2.820
New Jersey	2.548	2.804	2.958	2.638
New Mexico	2.754	2.890	3.030	2.744
New York	2.908	3.130	3.309	3.190

Continued on next page.

**Table 14.16-- AVERAGE GASOLINE PRICE FOR THE UNITED STATES AND FOR THE 50 STATES AND THE DISTRICT OF COLUMBIA: JULY 22, 2015 -- Con.**

<b>State</b>	<b>Regular</b>	<b>Mid</b>	<b>Premium</b>	<b>Diesel</b>
North Carolina	2.571	2.814	3.059	2.761
North Dakota	2.768	2.884	3.125	2.726
Ohio	2.578	2.796	2.991	2.755
Oklahoma	2.648	2.817	2.974	2.488
Oregon	3.133	3.275	3.418	3.076
Pennsylvania	2.807	2.984	3.171	3.104
Rhode Island	2.756	2.984	3.149	2.940
South Carolina	2.367	2.607	2.847	2.624
South Dakota	2.816	2.848	3.257	2.644
Tennessee	2.458	2.684	2.905	2.673
Texas	2.530	2.748	2.938	2.647
Utah	2.933	3.055	3.176	2.808
Vermont	2.721	2.961	3.154	2.911
Virginia	2.528	2.798	3.024	2.706
Washington	3.195	3.337	3.450	3.173
West Virginia	2.731	2.908	3.095	2.926
Wisconsin	2.704	2.943	3.245	2.719
Wyoming	2.828	2.974	3.112	2.810

Source: AAA's Daily Fuel Gauge Report© Copyright, Oil Price Information Service, National Unleaded Average <<http://www.fuelgaugereport.com>> and Current State Averages <<http://fuelgaugereport.aaa.com/todays-gas-prices/>> accessed July 22, 2015.

**Table 14.17-- 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 14.18-- TOP 20 CAR RENTAL RATES IN THE UNITED STATES: SUMMER 2014**

[The car rental rates expressed in the survey were established in late July via Expedia's car rental comparison engine. For 107 popular destinations in the United States, the car rental rate for the cheapest available car during the following time periods was calculated: August 6–10, August 13–17, August 20–24 and August 27–31. Each city's main airport was chosen as the Pick-Up and Drop-Off location]

Rank	City and State	Rate (dollars)	Rank	City and State	Rate (dollars)
1	Portland, OR	111	11	New York City, NY	68
2	Anchorage, A	109	12	Destin, FL	67
<b>3</b>	<b>Kailua, HI 1/</b>	<b>101</b>	13	Reno, TX	66
4	Louisville, KY	99	14	Milwaukee, WI	65
5	Detroit, MI	90	15	Key West, FL	65
6	Denver, CO	88	16	Cleveland, OH	63
7	Seattle, WA	78	17	Boston, MA	60
8	San Jose, CA	76	18	Oakland, CA	59
9	Tulsa, OK	75	19	Des Moines, IA	59
10	Hartford, CT	75	20	Fresno, CA	59

1/ Kailua is on the Big Island of Hawaii, in Hawaii County.

Source: CheapCarRental "Portland, OR Boasts Highest Car Rental Rates in the United States " (August 5, 2014) <<http://www.cheapcarrental.net/press/summer2014.html>> accessed March 18, 2015.

**Table 14.19-- CAR RENTAL RATES FOR 30 MAJOR UNITED STATES CITIES: HOLIDAY PREMIUM 2014**

[The car rental rates of 30 major U.S. destinations were established on December 13, 2014 via a leading car rental comparison engine. Each city's main airport was chosen as the Pick-Up and Drop-Off location. Rank of 1 assigned to the highest car rental rate. In 2013, Kahului, Maui ranked 1st, Honolulu 4th, and Hilo on the Big Island of Hawaii ranked 11th]

Rank	City	Rate (dollars)	'Holiday' premium (percent)
1	New York City	178	177
2	West Palm Beach	133	583
<b>3</b>	<b>Honolulu</b>	<b>106</b>	<b>278</b>
4	Fort Myers	98	294
5	Sarasota	97	81
6	Portland	89	155
7	Denver	88	287
8	Baltimore	85	76
9	Boston	81	94
10	Philadelphia	80	14
11	Fort Lauderdale	77	207
12	Los Angeles	73	215
13	Palm Springs	72	71
14	Orlando	71	311
15	Jacksonville	66	172
16	Tampa	60	192
17	Atlanta	58	82
18	Miami	58	272
19	Las Vegas	56	114
20	New Orleans	55	139
21	Seattle	47	139
22	Chicago	45	3
23	San Diego	42	108
24	San Francisco	38	81
25	Dallas	37	3
26	Houston	35	-20
27	Austin	35	-28
28	San Antonio	34	-9
29	Washington DC	29	-27
30	Phoenix	23	-20

Source: CheapCarRental "Florida Car Rental Rates Soar This Christmas" (December 19, 2014) <<http://www.cheapcarrental.net/press/christmas-2014.html>> accessed July 24, 2015.

**Table 14.20-- 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]

<b>Rank</b>	<b>State</b>	<b>Median price of annual car insurance</b>	<b>Median annual household income</b>	<b>Car insurance as percent of household income</b>
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 14.20-- AVERAGE ANNUAL AUTO INSURANCE RATES  
FOR THE 50 STATES AND THE DISTRICT OF COLUMBIA:  
JUNE, 2012-- Con.**

<b>Rank</b>	<b>State</b>	<b>Median price of annual car insurance</b>	<b>Median annual household income</b>	<b>Car insurance as percent of household income</b>
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
<b>49</b>	<b>Hawaii</b>	<b>1,244</b>	<b>76,134</b>	<b>1.63</b>
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](http://www.carinsurancequotes.com/car_insurance-costs)> accessed July 30, 2012.

**Table 14.21-- COST OF LIVING INDEX FOR SELECTED MAJOR CITIES  
IN THE UNITED STATES AND RANK WORLDWIDE: 2006 TO 2015**

[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, and not in the News Release for the 2010 on June 29, 2010, the 2011 on July 12, 2011, nor the 2012 on June 12, 2012. The complete lists are not readily available]

City and state	Index 1/			Global rank								
	2006	2008	2009	2006	2008	2009	2010	2011	2012	2013 2/	2014 3/	2015
Atlanta, GA	76.3	(NA)	(NA)	86	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	147	103
Boston, MA	76.8	(NA)	(NA)	84	(NA)	(NA)	(NA)	(NA)	(NA)	123	109	64
Chicago, IL	84.1	80.3	80.7	38	84	50	(NA)	(NA)	(NA)	(NA)	85	42
Cleveland, OH	69.8	(NA)	(NA)	110	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	167	133
Dallas, TX	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	125	77
Denver, CO	73.6	(NA)	(NA)	97	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Detroit, MI	68.3	(NA)	(NA)	122	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	160	122
<b>Honolulu, HI</b>	<b>80.0</b>	<b>81.4</b>	<b>81.6</b>	<b>67</b>	<b>77</b>	<b>41</b>	<b>(NA)</b>	<b>(NA)</b>	<b>(NA)</b>	<b>117</b>	<b>97</b>	<b>52</b>
Houston, TX	78.5	(NA)	(NA)	76	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	143	92
Los Angeles, CA	86.7	87.5	87.6	29	55	23	55	(NA)	(NA)	(NA)	62	36
Miami, FL	83.9	82.0	81.4	39	75	45	(NA)	(NA)	(NA)	114	98	56
Minneapolis, MN	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	156	115
Morristown, NJ	76.8	(NA)	(NA)	84	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	132	88
New York City, NY	100.0	100.0	100.0	10	22	8	27	32	33	24	16	16
Pittsburgh, PA	69.4	(NA)	(NA)	113	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	162	130
Portland, OR	69.7	(NA)	(NA)	111	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	166	135
San Francisco, CA	85.0	81.0	82.5	34	78	34	(NA)	(NA)	(NA)	92	74	37
Seattle, WA	71.9	(NA)	(NA)	102	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	153	106
St. Louis, MO	71.6	(NA)	(NA)	103	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	161	130
Washington, DC	77.0	(NA)	(NA)	83	(NA)	(NA)	111	(NA)	(NA)	(NA)	92	50
White Plains, NY	83.2	79.3	84.7	34	89	31	(NA)	(NA)	(NA)	(NA)	81	71
Winston Salem, NC	66.7	(NA)	(NA)	124	(NA)	(NA)	197	(NA)	(NA)	(NA)	182	157

Continued on next page.

**Table 14.21-- COST OF LIVING INDEX FOR SELECTED MAJOR CITIES  
IN THE UNITED STATES AND RANK WORLDWIDE: 2006 TO 2015 -- Con.**

1/ "Index" not available in the News Release beyond 2009.

2/ Originally not available in the 2013 News Release, the rankings were derived from data in the 2014 release.

3/ Many of the rankings were not originally available in the 2014 News Release, the rankings were derived from data in the 2015 list.

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](http://www.mercer.com/costoflivingpr#City_rankings)> accessed July 8, 2010; Ibid. 2011 (July 12, 2011)

<[http://www.mercer.com/costoflivingpr#City\\_rankings](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](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](http://www.mercer.com/costoflivingpr#City_rankings)> accessed July 30, 2013; Ibid. 2014, (July 10, 2014)

<[http://www.mercer.com/newsroom/cost-of-living-survey.html#City\\_rankings](http://www.mercer.com/newsroom/cost-of-living-survey.html#City_rankings)> accessed July 10, 2014;

"2015 Cost of Living Rankings" (June 17, 2015) accessed July 2, 2015; and FinFacts

"Global/World Cost of Living Rankings - 2006-2007" <<http://www.finfacts.com/costofliving3.htm>> accessed July 14, 2006.

**Table 14.22-- TOP 10 MOST EXPENSIVE AND 10 CHEAPEST STATES TO LIVE: 2015**

[CNBC considered basic items in the most expensive and cheapest areas of the state. Average price data based on Council for Community and Economic Research C2ER Cost of Living Index, 2015Q1]

Rank	State	Metro area 1/	Average home price	Half gallon of milk	Beef 2/	Monthly energy bill	Doctor visit
Most expensive							
1	Hawaii	Honolulu	868,317	3.67	4.97	530.15	125.67
2	Connecticut	Bridgeport-Stamford-Norwalk	618,800	2.26	3.99	262.56	123.75
3	New York	Manhattan	1,372,183	1.92	4.46	259.80	122.50
4	Alaska	Anchorage	528,673	2.37	5.27	3/ 591.16	169.40
5	California	San Francisco-Redwood City	946,066	2.77	3.97	213.39	127.57
6	New Jersey	Bergen- Passaic	521,274	2.62	4.32	156.79	101.25
7	Oregon	Portland	436,750	1.97	4.65	151.02	131.85
8	Massachusetts	Boston	525,300	2.29	4.49	292.18	151.00
9	Rhode Island	Providence	392,340	3.39	4.49	213.54	149.00
10	Vermont	Burlington-South Burlington	485,749	2.79	4.56	234.61	113.84
Cheapest							
1	Mississippi	Hattiesburg	228,746	2.69	(NA)	144.91	87.00
2	Tennessee	Nashville-Columbia-Maury County	274,100	2.14	8.91	124.86	82.19
3	Idaho	Twin Falls	276,000	1.36	8.26	144.23	97.00
4	Indiana	Evansville	269,949	2.01	11.38	182.62	93.00
5	Oklahoma	Lawton	302,933	2.36	8.03	150.07	116.33
6	Kentucky	Louisville-Jefferson County	241,661	2.01	10.25	126.60	88.50
7	Michigan	Detroit-Dearborn-Livonia	266,132	1.97	11.89	178.99	106.00
8	Alabama	Auburn-Opelika	237,896	2.17	11.65	161.13	81.67
8	Kansas	Manhattan	286,167	2.08	10.89	169.83	92.50
8	Nebraska	Hastings	320,320	2.34	9.92	104.21	102.00

1/ Average home price applies to indicated Metro area.

2/ One pound of ground beef in "Most expensive" and T-bone steak in "Cheapest" areas.

3/ Metro area for 'Monthly energy bill' is Fairbanks.

Source: CNBC, "America's Top States for Business - Most Expensive State to Live in 2015" (June 24, 2015)

<<http://www.cnbc.com/id/102749628>> accessed July 2, 2015; and "Cheapest State to Live in 2015"

<<http://www.cnbc.com/id/102752863/>> accessed July 2, 2015.

**Table 14.23-- PAY DIFFERENTIALS AND COST OF LIVING INDEXES FOR  
FEDERAL EMPLOYEES IN HAWAII RELATIVE TO WASHINGTON, D.C.,  
BY COUNTY: 1996 TO 2015**

[As of July 22, 2015]

<b>Effective or survey date</b>	<b>Allowance category</b>	<b>Honolulu</b>	<b>Hawaii</b>	<b>Maui</b>	<b>Kauai</b>
<b>ALLOWANCE RATES</b>					
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
<b>COLA AND LOCALITY PAY RATES</b>					
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
<b>INDEXES</b>					
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

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**Table 14.23-- PAY DIFFERENTIALS AND COST OF LIVING INDEXES FOR FEDERAL EMPLOYEES IN HAWAII RELATIVE TO WASHINGTON, D.C., BY COUNTY: 1996 TO 2015 -- Con.**

1/ Interim Rule issued on March 25 and Final Rule issued on December 2, 1997.

2/ As Interim Rule on October 21 and as corrected on November 13, 1998. Final Rule published July 17, 2000, effective August 16, 2000. Current law prohibits reduction in COLA rates through December 31, 2000. As part of the COLA Research in the litigation Carabello et al vs United States and as requested by Congress, an Interim Rates and Survey Schedule was announced but not yet enacted. The rates, as of October 1, 2000, are raised for Hawaii and Maui to 16.50 and 23.75 percent respectively. The Interim Rates as well as those for Kauai may increase further depending upon the results of the 1998 price surveys and the surveys conducted under New Regulations. Also see OMP, Non-Foreign Area Cost-of-Living Allowances, Special COLA Research Announcement, July 17, 2000 and <<http://www.opm.gov/oca/cola/html/cola-n.htm>>.

3/ Interim rule and invitation for comment issued in Federal Register: Vol. 65, No. 192.

4/ Final rule issued in Federal Register: November 9, 2001 (Volume 66, Number 218).

5/ Final rule issued in Federal Register: May 29, 2008 (Volume 73, Number 104).

6/ 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 the Federal Register was July 17, 2000.

11/ Similar explanation to footnote 8/ except the survey period was 2007 and publication 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 2009-2015" <<https://www.opm.gov/policy-data-oversight/pay-leave/pay-systems/nonforeign-areas/#url=COLA-Rates>> accessed July 22, 2015.

**Table 14.24-- COST OF LIVING ALLOWANCE INDEXES FOR MILITARY IN HAWAII RELATIVE TO CONTINENTAL UNITED STATES, BY ISLAND**

[As of July 1, 2015. Index number continental United States=100]

<b>Effective date</b>	<b>Locality</b>	<b>Locality code 1/</b>	<b>Index</b>
June 1, 2015	Hawaii (island)	HI 001	132
July 1, 2015	Kauai	HI 003	134
July 1, 2015	Maui	HI 005	136
July 1, 2015	Molokai	HI 007	136
July 1, 2015	Oahu	HI 009	126
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 2015, Table III - Cost-of-Living Allowance (COLA) Indexes", p.6 <[http://www.defensetravel.dod.mil/Docs/perdiem/browse/Allowances/Appendix\\_J\\_Overseas\\_COLA\\_Tables/2015-COLA-Indexes/07-01-15\\_COLA\\_Indices.pdf](http://www.defensetravel.dod.mil/Docs/perdiem/browse/Allowances/Appendix_J_Overseas_COLA_Tables/2015-COLA-Indexes/07-01-15_COLA_Indices.pdf)> accessed July 8, 2015.

**Table 14.25-- PER DIEM RATES FOR MILITARY IN HAWAII, BY ISLAND OR INSTALLATION**

[As of July 1, 2015. 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	294	177	94	54	23	June 1, 2015
EASTPAC Naval COMP TELE Area	294	177	94	54	23	June 1, 2015
Ft. DeRussey	294	177	94	54	23	June 1, 2015
Ft. Shafter	294	177	94	54	23	June 1, 2015
Hickam Air Force Base	294	177	94	54	23	June 1, 2015
Honolulu	294	177	94	54	23	June 1, 2015
Isle of Hawaii: Hilo	250	142	86	50	22	June 1, 2015
Isle of Hawaii: Other	331	189	114	64	28	June 1, 2015
Isle of Kauai	451	305	117	66	29	June 1, 2015
Isle of Maui	405	259	117	66	29	June 1, 2015
Isle of Oahu	294	177	94	54	23	June 1, 2015
Joint Base Pearl Harbor- Hickam	294	177	94	54	23	June 1, 2015
Kekaha Pacific Missile Range Fac.	451	305	117	66	29	June 1, 2015
Kilauea Military Camp	250	142	86	50	22	June 1, 2015
Lanai	332	229	82	48	21	June 1, 2015
Lualualei Naval Magazine	294	177	94	54	23	June 1, 2015
Marine Corps Base Hawaii	294	177	94	54	23	June 1, 2015
Molokai	243	157	69	42	17	June 1, 2015
NAS Barbers Point	294	177	94	54	23	June 1, 2015
Pearl Harbor	294	177	94	54	23	June 1, 2015
PMRF Barking Sands	451	305	117	66	29	June 1, 2015
Schofield Barracks	294	177	94	54	23	June 1, 2015
Tripler Army Medical Center	294	177	94	54	23	June 1, 2015
Wheeler Army Airfield	294	177	94	54	23	June 1, 2015
Other 3/	250	142	86	50	22	June 1, 2015

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, "Maximum Per Diem Rates Outside The Continental United States Travel Per Diem Allowances, Effective 01 July 2015" <<http://www.defensetravel.dod.mil/site/perdiem.cfm>> accessed July 8, 2015. See also Per Diem Rates Query <<http://www.defensetravel.dod.mil/pdcgi/pd-rates/opdrates4.cgi>>.

## 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*.

**Table**  
**Number**   **Table Name**

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

Narrative

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<a href="#">15.03</a>	Characteristics of the Finance and Insurance Sector (NAICS 52): 2012
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**Table**  
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<a href="#">15.31</a>	Native Hawaiian and Other Pacific Islander-Owned Businesses for Hawaii and the United States: 2007
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**Table 15.01-- NUMBER OF STATE CHARTERED FINANCIAL INSTITUTIONS:  
1998 TO 2012**

[Only state chartered banks are included in this table which differs from tables in the *Data Books* prior to 2009. 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]

Year	Banks		Savings and loan associations		Financial services loan companies	
	Firms	Locations	Associations	Locations	Firms	Locations
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
2010	5	187	(NA)	(NA)	(NA)	(NA)
2011	5	190	(NA)	(NA)	(NA)	(NA)
2012	5	189	(NA)	(NA)	(NA)	(NA)

NA Not available.

Source: Hawaii State Department of Commerce and Consumer Affairs, Division of Financial Institutions, "Comparative Statements of Conditions" (semi-annual) <<http://cca.hawaii.gov/dfi/>> accessed March 21, 2014 and records.

**Table 15.02-- FINANCE AND INSURANCE SUBSECTOR (NAICS 52): 2013**

[Excludes data on self-employed individuals, employees of private households, railroad employees, agricultural production employees and most government employees.  
 Statistics based on the 2012 North American Industry Classification System (NAICS)]

NAICS code	Major group	Establishments	Number of employees 1/	Annual payroll (\$1,000)
52	Total	1,434	20,125	1,225,340
522	Credit intermediation and related activities	687	10,390	602,666
5221	Depository credit intermediation	467	8,933	523,210
52211	Commercial banking	225	5,181	330,519
52212	Savings institutions	96	(2/)	(D)
52213	Credit unions	146	2,133	97,218
5222	Nondepository credit intermediation	111	970	60,289
52221	Credit card issuing	1	(3/)	(D)
52222	Sales financing	2	(4/)	(D)
52229	Other nondepository credit intermediation	108	929	57,785
522291	Consumer lending	7	46	1,754
522292	Real estate credit	66	733	50,151
522298	All other nondep credit intermediation	35	150	5,880
5223	Activities related to credit intermediation	109	487	19,167
52231	Mortgage and nonmortgage loan brokers	58	228	13,561
523	Securities, commodity contracts, and other financial investments, and related activities	238	969	107,133
5231	Securities and commodity contracts intermediation and brokerage	119	(5/)	73,072
52311	Investment banking and securities dealing	8	(3/)	2,137
52312	Securities brokerage	104	(5/)	70,368
5239	Other financial investment activities	119	383	34,061
52391	Miscellaneous intermediation	21	72	4,893
52392	Portfolio management	51	196	19,542
52393	Investment advice	40	85	7,294
524	Insurance carriers and related activities	505	8,762	515,327
5241	Insurance carriers	112	5,728	342,165
52411	Direct life, health, & medical insure carriers	58	4,377	248,243
524113	Direct life insurance carriers	32	496	50,034
524114	Direct health & medical insurance carriers	26	3,881	198,209
52412	Direct insurance (except life, health, and medical) carriers	54	1,351	93,922
5242	Agencies, brokerages, and other insurance related activities	393	3,034	173,162
52421	Insurance agencies and brokerages	347	2,374	135,177
525	Funds, trusts, and other financial vehicles	4	(4/)	(D)

Continued on next page.



**Table 15.02-- FINANCE AND INSURANCE SUBSECTOR (NAICS 52):  
2013 -- 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/ 0 to 19 employees.

5/ 500 to 999 employees.

Source: U.S. Census Bureau, *2013 County Business Patterns*

<[http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=448506945136](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=448506945136)> accessed April 30, 2015.

**Table 15.03-- CHARACTERISTICS OF THE FINANCE AND  
INSURANCE SECTOR (NAICS 52): 2012**

[Includes establishments with payroll. Statistics based on the 2012 North American Industry Classification System (NAICS) which replaced the 2007 NAICS used in the 2007 Economic Census]

NAICS code	Kind of business	Establishments	Revenue (\$1,000)	Annual payroll (\$1,000)	Paid employees 1/
52	Total	1,401	(2/)	1,144,625	18,686
522	Credit intermediation and related activities	680	(2/)	559,560	9,997
5221	Depository credit intermediation	481	(2/)	501,028	9,104
52211	Commercial banking	228	(3/)	311,657	5,468
52212	Savings institutions	96	(3/)	(D)	(4/)
52213	Credit unions	157	(D)	(D)	(4/)
5222	Nondepository credit intermediation	82	134,488	39,424	510
52222	Sales financing	2	(D)	(D)	(5/)
52229	Other nondepository credit intermediation	79	118,853	36,862	464
5223	Activities related to credit intermediation	117	70,750	19,108	383
52231	Mortgage and nonmortgage loan brokers	56	47,139	14,028	155
52232	Financial transaction, processing, reserve & clearinghouse activities	5	965	209	4
52239	Other activity related to credit intermediation	56	22,646	4,871	224
523	Securities, commodity contracts, and other finance investments and related activities	219	199,879	92,275	975
5231	Securities and commodity contracts intermediation and brokerage	104	123,731	55,836	543
52312	Securities brokerage	93	119,754	54,423	515
52313	Commodity contracts dealing	5	1,304	294	18
5239	Other financial investment activities	115	76,148	36,439	432
52391	Miscellaneous intermediation	21	12,951	3,832	59
52392	Portfolio management	48	35,371	19,101	188
52393	Investment advice	41	22,920	11,339	152
52399	All other financial investment activities	5	4,906	2,167	33
524	Insurance carriers and related activities	502	(2/)	492,790	7,714
5241	Insurance carriers	114	(3/)	324,279	4,668
52411	Direct life, health, and medical insure carriers	58	(3/)	(D)	(6/)
52412	Direct insurance (except life, health, and medical) carriers	56	(3/)	(D)	(4/)
5242	Agencies, brokerages, and other insurance related activities	388	624,866	168,511	3,046
52421	Insurance agencies and brokerages	342	425,207	124,170	2,303
52429	Other insurance related activities	46	199,659	44,341	743

Continued on next page.

**Table 15.03-- CHARACTERISTICS OF THE FINANCE AND  
INSURANCE SECTOR (NAICS 52): 2012 -- 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.

5/ 20 to 99 employees.

6/ 2,500 to 4,999 employees.

Source: U.S. Census Bureau, 2012 Economic Census, EC1252A1: Finance and Insurance: Geographic Area Series, Summary Statistics for the U.S., States, Metro Areas, Counties, and Places: 2012 Hawaii (March 2015) <[http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=445486742893](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=445486742893)> accessed July 2, 2015.

**Table 15.04-- CHARACTERISTICS OF STATE-CHARTERED FINANCIAL INSTITUTIONS, BY TYPE: 2010 TO 2012**

[Includes out-of-state branches and facilities. Includes only institutions chartered by the State of Hawaii. As of December 31]

Subject	2010	2011	2012
<b>BANKS</b>			
Number of banks	5	5	5
Number of branches and agency offices	187	190	189
Assets (\$1,000,000)	32,502.4	34,056.9	35,006.0
Deposits (\$1,000,000)	23,760.0	26,456.6	28,388.6
<b>DEPOSITORY FINANCIAL SERVICES LOAN COMPANIES</b>			
Number of companies	1	1	1
Number of branches and agency offices	15	14	14
Assets (\$1,000,000)	572.7	488.1	476.8
Deposits (\$1,000,000)	486.5	408.1	392.2

Source: Hawaii State Department of Commerce and Consumer Affairs, Division of Financial Institutions, *Comparative Statements of Condition* (semi-annual) <<http://cca.hawaii.gov/dfi/>> accessed March 21, 2014.

**Table 15.05-- CHARACTERISTICS OF COMMERCIAL BANKS  
HEADQUARTERED IN HAWAII, BY ASSET SIZE: 2014**

[As of December 31 unless otherwise specified. Includes out-of-State branches and facilities of banks. Excludes data for banks with branches and facilities in Hawaii but headquartered outside Hawaii]

<b>Subject</b>	<b>All banks 1/</b>	<b>Banks with assets of less than \$100 million 2/</b>	<b>Banks with assets of \$100 million to \$1 billion</b>	<b>Banks with assets of more than \$1 billion</b>
Number of institutions reporting	8	1	4	4
Total employees (full-time equivalent)	5,763	19	359	5,404
Assets and liabilities (\$1,000)				
Assets	40,833,613	98,937	1,364,548	39,469,065
Total loans and leases	21,677,420	69,941	831,924	20,845,496
Foreign 3/	1,135,596	(NA)	9,092	1,126,504
Net loans and leases	21,341,724	68,610	815,446	20,526,278
Securities	13,998,361	-	238,238	13,760,123
Liabilities	36,242,875	85,584	1,219,610	35,023,265
Deposits	34,135,214	85,217	1,188,148	32,947,066
Foreign 3/	1,993,622	(NA)	(NA)	(NA)
Domestic 4/	32,141,592	85,217	1,188,148	30,953,444
Equity capital	4,590,738	13,353	144,938	4,445,800
Loan loss allowance	335,696	1,331	16,478	319,218
Unused loan commitments	8,340,955	5,838	191,846	8,149,109
Asset quality (% of loans)				
Loan loss allowance	1.759	1.903	2.048	1.747
Past due and non-accrual	0.939	0.593	0.592	0.954
Real estate	0.797	0.000	0.434	0.817
Commercial and industrial	0.680	3.332	1.470	0.652
Consumer	1.929	5.063	0.017	1.954

NA Not available.

1/ Does not include figures for banks with assets of less than \$100 million.

2/ As of March 31, 2013.

3/ The assets, loans or deposits of the offices of the banks in foreign countries. Not comparable to *Data Books* prior to 2002.

4/ 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 July 2, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 15.06-- CREDIT UNIONS: 1999 TO 2014**

[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	9,285,044,502	8,227,197,584	3,975,405,068	810,675
2012	78	9,524,855,175	8,412,531,313	3,823,937,131	801,036
2013	76	1/ 9,683,184,863	1/ 8,571,853,929	1/ 3,867,199,148	808,286
2014	70	9,866,946,668	8,693,351,538	4,008,308,459	809,637

1/ Revised from previous *Data Book*.

Source: Hawaii Credit Union League, records.

**Table 15.07-- INSURANCE BUSINESS TRANSACTED IN HAWAII:  
1998 TO 2013**

[Includes data for all insurance companies, life or other, licensed in Hawaii]

<b>Year</b>	<b>Number of companies licensed in Hawaii, Dec. 31</b>	<b>Premiums paid (\$1,000)</b>	<b>Losses, claims and benefits paid (\$1,000)</b>	<b>Cumulative net investments in Hawaii, Dec. 31 1/ (\$1,000)</b>
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
2012	2/ 1,015	4,255,592	3,632,614	6,554,126
2013	1,018	4,533,918	3,791,197	7,153,558

1/ Excludes bank balances.

2/ Revised from previous *Data Book*.

Source: Hawaii State Department of Commerce and Consumer Affairs, *Report of the Insurance Commissioner of Hawaii* (annual) <<http://cca.hawaii.gov/ins/reports/>> accessed January 2, 2015.

**Table 15.08-- LIFE INSURANCE BUSINESS TRANSACTED IN HAWAII:  
1998 TO 2013**

[Includes fraternal benefit societies]

<b>Year</b>	<b>Number of companies licensed in Hawaii, Dec. 31</b>	<b>Face value of policies written 1/ (\$1,000)</b>	<b>Insurance in force, Dec. 31 2/ (\$1,000)</b>	<b>Premiums 3/ (\$1,000)</b>	<b>Losses, claims, and benefits paid 3/ (\$1,000)</b>
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
2012	4/ 407	11,395,055	119,008,658	665,436	1,834,494
2013	405	8,879,709	122,061,596	784,961	1,841,062

1/ Includes insurance revived, increased, or transferred. Excludes annuities. Data not audited.

2/ Excludes annuities. Data not audited.

3/ Life insurance portion excludes annuities, but fraternal portion includes it.

4/ Revised from previous *Data Book*.

Source: Hawaii State Department of Commerce and Consumer Affairs, *Report of the Insurance Commissioner of Hawaii* (annual) <<http://cca.hawaii.gov/ins/reports/>> accessed January 2, 2015 and records.



**Table 15.09-- INSURANCE PREMIUMS AND LOSSES PAID, BY CLASS OF INSURANCE: 2013**

[Dollars]

<b>Class of insurance</b>	<b>Premiums</b>	<b>Losses, claims, and benefits paid</b>
All classes	4,533,918,454	1/ 3,791,196,835
Life 2/	778,200,666	1,835,158,907
Fraternal	6,760,062	5,903,291
Fire, marine, casualty, and miscellaneous	3,543,960,497	1,950,134,637
Accident and health 3/	1,485,007,611	1,167,461,323
Fire	54,773,809	11,219,279
Allied lines	78,027,047	8,456,583
Multiple peril crop	2,117,526	268,292
Federal flood	33,526,594	89,068
Farmowners multiple peril	15,132	-
Homeowners multiple peril	342,170,263	88,365,717
Commercial multiple peril (fire & allied lines)	83,762,793	15,017,319
Commercial multiple peril (liability portion)	48,653,576	15,428,559
Mortgage guaranty	20,736,106	11,138,741
Ocean marine	14,005,175	5,861,068
Inland marine	63,073,033	18,707,070
Financial guaranty	4,362,404	-
Medical malpractice	19,270,334	5,692,046
Earthquake	6,727,462	23
Workers' compensation	216,773,775	116,662,964
Other liability	182,614,564	60,347,512
Products liability	5,139,392	9,647,383
Private passenger auto no-fault	79,036,803	42,671,171
Other private passenger auto liability	316,341,412	166,995,302
Commercial auto no-fault	5,356,490	2,465,865
Other commercial auto liability	69,713,201	36,251,254
Private passenger auto physical damage	247,146,210	135,637,840
Commercial auto physical damage	17,959,697	9,374,025
Aircraft	10,515,752	3,276,294
Fidelity	4,836,772	1,851,275
Surety	35,048,001	2,775,059
Burglary and theft	586,465	59,050
Boiler and machinery	4,540,963	569,557
Credit	5,346,094	1,609,915
Title	77,261,441	6,404,593
All other	9,514,600	5,830,490
Surplus lines (net of reinsurance)	204,997,229	(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, 2014* <<http://cca.hawaii.gov/ins/reports/>> accessed January 2, 2015.

**Table 15.10-- INSURANCE BUSINESS TRANSACTED IN HAWAII, BY  
LOCATION OF HOME OFFICE: 2013**

[As of December 31. Money amounts in millions of dollars. For all insurance companies,  
life and property & casualty, licensed to do business in Hawaii]

<b>Subject</b>	<b>All companies</b>	<b>Domestic com- panies 1/</b>	<b>Foreign com- panies 2/</b>	<b>Alien com- panies 3/</b>
Number of companies	1,018	29	979	10
Life incl. fraternal benefit societies	405	12	388	5
Other than life	613	17	591	5
Financial condition				
Assets	7,243,756	2,371	7,217,719	23,666
Liabilities exc. capital and surplus	6,302,368	1,322	6,278,721	22,325
Policyholders' surplus incl. capital	941,388	1,049	938,998	1,341
Capital	7,003	54	6,944	5
Net income or loss	101,418	47	101,177	194
Hawaii business				
Direct premiums written	5,596	711	4,874	11
Life	785	33	744	8
Annuities	1,267	(4/)	1,267	(4/)
Fire, casualty, and misc.	3,544	678	2,864	2
Claims and benefits paid	4,214	295	3,899	20
Life	1,841	25	1,797	19
Annuities	423	(4/)	422	1
Fire, casualty, and misc.	1,950	270	1,680	1
Investments in Hawaii	7,154	339	6,785	30
Mortgage loans (principal indebtedness)	1,487	87	1,371	30
Collateral loans (amount loaned)	93	-	93	-
State and county bonds 5/	2,515	18	2,497	-
Utilities stocks and bonds 5/	625	4	621	-
Industrial and miscellaneous stocks and bonds 5/	2,048	157	1,891	-
Real estate 6/	386	73	313	-
Balances in Hawaii banks	286	241	45	(4/)

Continued on next page.

**Table 15.10-- INSURANCE BUSINESS TRANSACTED IN HAWAII, BY  
LOCATION OF HOME OFFICE: 2013 -- 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/ Less than 1.
- 5/ Market value.
- 6/ Market value less encumbrances.

Source: Hawaii State Department of Commerce and Consumer Affairs, *Report of the Insurance Commissioner of Hawaii, 2014*, pp. 17-43 <<http://cca.hawaii.gov/ins/reports/>> accessed January 2, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 15.11-- HEALTH PLANS: 2011 TO 2014**

Subject	2011	2012	2013	2014
Hawaii Medical Service Association				
Persons covered, Dec. 31 1/	692,000	708,378	724,925	790,982
Membership dues 2/ (\$1,000)	2,064,411	2,481,850	2,640,036	2,873,034
Kaiser Foundation Health Plan				
Persons covered, annual average 1/	229,252	227,670	224,122	230,159
Persons covered, Dec. 31 1/	226,900	224,591	226,603	231,836
Membership dues 2/ (\$1,000)	773,543	822,808	849,398	900,502
University Health Alliance				
Persons covered, Dec. 31 1/	44,407	49,181	52,462	3/ 51,773
Membership dues 2/ (\$1,000)	155,901	186,802	215,588	3/ 227,927
Commercial carrier premiums for accident and health insurance (\$1,000)	1,307,629	1,390,089	1,485,008	(NA)

NA Not available.

1/ Subscribers and dependents, whether on a group or individual basis.

2/ Includes both employers' and employees' contributions.

3/ Does not include data relating to the Hawaii Health Connector.

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://cca.hawaii.gov/ins/reports/>> accessed January 2, 2015.

**Table 15.12-- PERCENT OF PERSONS NOT COVERED BY HEALTH INSURANCE, FOR THE UNITED STATES AND HAWAII: 2009 TO 2013**

[Civilian uninstitutional population. Based on a sample and subject to sampling variability]

Subject	Annual					Three year average		Five year average
	2009	2010	2011	2012	2013	2008-2010	2011-2013	2009-2013
Hawaii								
Percent not covered	7.0	7.9	7.1	6.9	6.7	7.1	6.9	7.1
Standard error 1/	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.2
Rank 2/	3/ 2	3	4	4	3/ 2	2	4	3
U.S.								
Percent not covered	15.1	15.5	15.1	14.8	14.5	15.0	14.8	14.9
Standard error 1/	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

1/ Plus or minus percent. At the 90-percent confidence interval.

2/ Among 50 states and the District of Columbia, with lowest percentage ranking 1.

3/ Tied with the District of Columbia.

Source: U.S. Census Bureau, American Community Survey, "Percent Without Health Insurance Ranking Tables" (annual ranking table) and "Health Insurance Coverage Status" (S701, three-year and five-year datasets) <[http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=445486742893](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=445486742893)> accessed July 11, 2015.

**Table 15.13-- UNINSURED PERSONS BY SELECTED AGE GROUPS,  
BY COUNTY: 2013**

[The Small Area Health Insurance Estimates (SAHIE) program models health insurance coverage by combining survey data with population estimates and administrative records]

<b>Age group and subject</b>	<b>State total 1/</b>	<b>Honolulu</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui</b>
Under age 65					
Number in population group	1,172,629	814,319	161,581	58,601	138,128
Number uninsured	89,341	54,264	17,294	5,064	12,719
Percent uninsured	7.6	6.7	10.7	8.6	9.2
Under 19 years old					
Number in population group	324,991	224,521	45,544	16,570	38,356
Number uninsured	8,475	5,072	1,619	545	1,239
Percent uninsured	2.6	2.3	3.6	3.3	3.2
18 to 64 years old					
Number in population group	862,921	600,050	118,380	42,865	101,624
Number uninsured	81,725	49,716	15,833	4,573	11,603
Percent uninsured	9.5	8.3	13.4	10.7	11.4
40 to 64 years old					
Number in population group	451,910	302,581	67,472	24,613	57,244
Number uninsured	34,491	19,937	7,573	2,090	4,890
Percent uninsured	7.6	6.6	11.2	8.5	8.5
50 to 64 years old					
Number in population group	274,921	179,008	44,948	15,797	35,168
Number uninsured	19,879	11,012	4,908	1,256	2,702
Percent uninsured	7.2	6.2	10.9	8.0	7.7

1/ Kalawao County figures were not available.

Source: U.S. Census Bureau, Social, Economic and Housing Statistics Division, Small Area Health Insurance Estimates (SAHIE), State and County by Demographic and Income Characteristics 2013  
<<http://www.census.gov/did/www/sahie/index.html>> accessed May 8, 2015.

**Table 15.14-- FIRES, DEATHS, AND LOSSES REPORTED BY COUNTY  
FIRE DEPARTMENT: 2006 TO 2014**

[Fiscal year ending June 30]

<b>Subject and year</b>	<b>State total</b>	<b>Honolulu</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui</b>
<b>Number of fires</b>					
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
2013	3,176	1,755	653	216	552
2014	2,995	1,669	671	191	464
<b>Fire deaths</b>					
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	-	-
2013	3	3	-	-	-
2014	7	4	2	-	1
<b>Fire losses (\$1,000)</b>					
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
2013	49,058	25,944	4,802	2,900	15,412
2014	29,680	12,800	5,230	1,200	10,450

Source: County fire departments.

**Table 15.15-- CHARACTERISTICS OF BUSINESS ESTABLISHMENTS:  
2001 TO 2013**

[Excludes data on self-employed individuals, employees of private households, railroad employees, agricultural production employees and most government employees.  
Statistics based on the 2012 North American Industry Classification System (NAICS)]

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
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
2012	492,089	4,636,495	19,078,553	31,496	16,326	6,432
2013	502,530	4,871,307	19,881,066	31,622	16,268	6,425

Number of establishments by employment-size class 2/--Con.							
Year	10 to 19	20 to 49	50 to 99	100 to 249	250 to 499	500 to 999	1,000 or more
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
2012	4,249	2,751	1,048	480	128	54	28
2013	4,327	2,808	1,088	484	135	58	29

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://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=445486742893](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=445486742893)> accessed April 30, 2015.



**Table 15.16-- CHARACTERISTICS OF BUSINESS ESTABLISHMENTS,  
BY COUNTY: 2012 AND 2013**

[Excludes data on self-employed individuals, employees of private households, railroad employees, agricultural production employees and most government employees.  
Statistics based on the 2012 North American Industry Classification System (NAICS)]

Year and county	Number of establishments 1/	Number of employees 2/	Payroll (\$1,000)	
			First quarter	Annual
2012				
State total	31,496	492,089	4,636,495	19,078,553
Hawaii	3,902	48,628	398,495	1,631,977
Honolulu	21,190	340,759	3,368,779	13,854,179
Kalawao 3/	-	-	-	-
Kauai	1,944	24,924	205,521	845,016
Maui	4,343	62,030	538,227	2,214,844
Statewide 4/	117	(5/)	(D)	(D)
2013				
State total	31,622	502,530	4,871,307	19,881,066
Hawaii	3,923	50,266	421,090	1,727,506
Honolulu	21,173	347,954	3,548,901	14,465,545
Kalawao	1	(6/)	(D)	(D)
Kauai	1,986	25,186	218,068	880,682
Maui	4,409	60,720	531,523	2,162,184
Statewide 4/	130	(5/)	(D)	(D)

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/ Revised from previous *Data Book*.

4/ 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.

5/ 10,000 to 24,999 employees.

6/ 0 to 19 employees.

Source: U.S. Census Bureau, *County Business Patterns* (annual)

<[http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=445486742893](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=445486742893)> accessed April 30, 2015 and

<<http://censtats.census.gov/cgi-bin/cbpnaic/cbpsect.pl>> accessed May 1, 2015.

**Table 15.17-- CHARACTERISTICS OF BUSINESS ESTABLISHMENTS,  
BY MAJOR GROUP: 2013**

[Excludes data on self-employed individuals, employees of private households, railroad employees, agricultural production employees and most government employees.  
Statistics based on the 2012 North American Industry Classification System (NAICS)]

<b>NAICS code</b>	<b>Major group</b>	<b>Number of establishments 1/</b>	<b>Number of employees 2/</b>	<b>Annual payroll (\$1,000)</b>
	Total	31,622	502,530	19,881,066
11	Agriculture, forestry, fishing and hunting	33	138	4,305
21	Mining, quarrying, and oil & gas extraction	7	101	9,163
22	Utilities	58	3,656	341,719
23	Construction	2,683	27,075	1,706,532
31-33	Manufacturing	772	12,172	487,961
311	Food	230	5,254	155,163
312	Beverage and tobacco product	32	754	34,452
315	Apparel	49	484	12,090
323	Printing and related support activities	91	932	32,205
327	Nonmetallic mineral product	42	851	51,887
332	Fabricated metal product	40	417	23,138
337	Furniture and related product	44	323	13,441
42	Wholesale trade	1,728	18,852	885,689
44-45	Retail trade	4,682	70,051	1,911,217
441	Motor vehicle and parts dealers	324	6,254	298,228
442	Furniture and home furnishing	156	1,137	35,946
443	Electronics and appliance stores	153	1,583	41,398
444	Bldg. mat, garden equip & supplies dealers	256	4,877	150,344
445	Food and beverage stores	687	13,496	344,201
446	Health and personal care stores	386	4,977	169,297
447	Gasoline stations	286	3,044	64,088
448	Clothing & clothing accessories stores	1,277	14,225	284,967
451	Sport, hobby, musical & book	239	2,156	46,563
452	General merchandise stores	88	12,813	348,026
48-49	Transportation and warehousing	851	27,868	1,239,320
481	Air transportation	62	8,377	473,553
484	Truck transportation	195	3,325	134,010
485	Transit & ground passenger transport	111	4,526	162,884
487	Scenic and sightseeing transportation	196	4,389	134,908
488	Support activities for transportation	163	3,567	149,424
51	Information	506	8,244	490,516
52	Finance and insurance	1,434	20,125	1,225,340
53	Real estate and rental and leasing	1,897	12,181	563,754
54	Professional, scientific & technical services	3,261	22,384	1,404,187
55	Management of companies & enterprises	247	6,025	408,495

Continued on next page.

**Table 15.17-- CHARACTERISTICS OF BUSINESS ESTABLISHMENTS,  
BY MAJOR GROUP: 2013-- Con.**

<b>NAICS code</b>	<b>Major group</b>	<b>Number of establishments 1/</b>	<b>Number of employees 2/</b>	<b>Annual payroll (\$1,000)</b>
56	Administrative and support and waste management and remediation services	1,805	50,261	1,535,377
61	Educational services	517	17,981	592,002
62	Health care and social assistance	3,581	67,974	3,363,161
621	Ambulatory health care services	2,730	25,923	1,443,751
622	Hospitals	25	21,522	1,388,612
623	Nursing & residential care facilities	157	7,973	267,141
624	Social assistance	669	12,556	263,657
71	Arts, entertainment and recreation	522	11,116	264,814
72	Accommodation and food services	3,568	101,216	2,742,301
721	Accommodation	326	40,015	1,609,673
722	Food services and drinking places	3,242	61,201	1,132,628
81	Other services (except public administration)	3,445	25,080	704,420
99	Industries not classified	25	30	793

1/ Data refer to establishments active anytime during the year.

2/ For week including March 12.

Source: U.S. Census Bureau, *2013 County Business Patterns*

<[http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=445486742893](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=445486742893)> accessed April 30, 2015.

**Table 15.18-- CHARACTERISTICS OF BUSINESS ESTABLISHMENTS,  
BY EMPLOYMENT-SIZE CLASS: 2012 AND 2013**

[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)	
	2012	2013	2012	2013	2012	2013
Total	31,496	31,622	492,089	502,530	19,078,553	19,881,066
1 to 4	16,326	16,268	29,909	29,623	1,279,265	1,270,607
5 to 9	6,432	6,425	42,820	42,579	1,484,382	1,519,541
10 to 19	4,249	4,327	57,138	58,535	2,033,267	2,075,858
20 to 49	2,751	2,808	82,947	84,746	3,029,628	3,136,932
50 to 99	1,048	1,088	72,177	74,780	2,594,170	2,726,988
100 to 249	480	484	71,078	72,276	2,719,900	2,854,348
250 to 499	128	135	44,934	46,702	1,842,112	1,850,829
500 to 999	54	58	36,465	39,638	1,526,047	1,832,793
1,000 or more	28	29	54,621	53,651	2,569,782	2,613,170

1/ Data refer to establishments active anytime during the year.

2/ For week including March 12.

Source: U.S. Census Bureau, "2012 Business Patterns: Geography Area Series: County Business Patterns by Employment Size Class" <<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed July 9, 2014 and "2013 Business Patterns: Geography Area Series: County Business Patterns by Employment Size Class" <[http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=448812536022](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=448812536022)> accessed April 30, 2015.

**Table 15.19-- REGISTERED CORPORATIONS AND PARTNERSHIPS:  
2011 TO 2014**

[Fiscal year ending June 30 unless otherwise specified. Excludes nonprofit corporations]

Subject	2011	2012	2013	2014
Domestic (Hawaii) corporations				
Formed	2,049	1,985	1,721	1,806
Dissolved or merged 1/	2,824	2,767	2,489	2,295
On record, June 30 2/	32,508	31,761	31,023	30,564
Foreign (non-Hawaii) corporations				
Qualified	1,026	1,187	1,176	1,153
Withdrawn, merged, or cancelled 1/	986	971	821	872
On record, June 30 2/	11,531	11,751	12,103	12,377
Partnerships				
Registered	394	424	438	407
Dissolved or cancelled 1/	562	543	547	524
On record, June 30 2/	4,956	4,835	4,723	4,610
Domestic (Hawaii) Limited Liability Companies				
Formed	7,383	8,200	8,730	9,342
Dissolved or merged 1/	4,630	4,980	4,838	5,359
On record, June 30 2/	45,038	48,326	52,246	56,239
Foreign (non-Hawaii) Limited Liability Companies				
Qualified	867	985	964	1,122
Withdrawn or merged 1/	482	472	540	551
On record, June 30 2/	5,696	6,208	6,635	7,205
Domestic (Hawaii) Limited Liability Partnerships				
Formed	74	77	76	79
Dissolved or merged 1/	67	58	80	84
On record, June 30 2/	439	458	455	451
Foreign (non-Hawaii) Limited Liability Partnerships				
Qualified	11	8	12	7
Withdrawn or cancelled 1/	5	4	2	3
On record, June 30 2/	65	69	79	83

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 15.20-- 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]

<b>Subject</b>	<b>Total</b>	<b>Corpora- tions</b>	<b>Partner- ships</b>	<b>Proprie- torships</b>
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 15.21-- ESTABLISHMENT AND EMPLOYMENT CHANGES  
FROM ENTERPRISE BIRTHS, DEATHS, EXPANSIONS AND  
CONTRACTIONS, BY EMPLOYMENT-SIZE CLASS: 2011 TO 2012**

[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]

Subject	Employment size of the enterprise 1/							
	Total	Less than 500 employees						500+
		Total < 500	1-4	5-9	10-19	20-99	100-499	
Establishments 2/								
Number (initial year)	29,097	24,230	11,657	4,563	2,829	3,343	1,838	4,867
Numerical change	-11	35	-68	-13	7	47	62	-46
Births 3/	2,655	2,322	1,432	263	186	272	169	333
Deaths 4/	2,666	2,287	1,500	276	179	225	107	379
Expansions	7,658	6,138	1,992	1,322	957	1,265	602	1,520
Contractions	7,367	5,860	1,328	1,467	1,140	1,295	630	1,507
Employment 5/								
Number (initial year)	485,540	256,561	24,582	29,309	35,492	91,333	75,845	228,979
Numerical change	9,290	4,941	2,931	418	-134	1,948	-222	4,349
Change due to births	20,071	12,745	2,650	1,655	1,897	4,449	2,094	7,326
Change due to deaths	-20,322	-12,192	-2,685	-1,636	-1,849	-3,822	-2,200	-8,130
Change due to expansions	43,184	26,682	4,553	3,071	3,233	9,545	6,280	16,502
Change due to contractions	-33,643	-22,294	-1,587	-2,672	-3,415	-8,224	-6,396	-11,349

1/ The enterprise and the establishment are the same for single-establishment firms. Each multi-establishment company forms one enterprise - the enterprise employment and annual payroll are summed from the associated establishments. Enterprise size designations are determined by the summed employment of all associated establishments. The enterprise size group "0" includes enterprises for which no associated establishments reported paid employees in mid-March pay period but paid employees at some time during the 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, 1989-2012 Business Information Tracking Series <<http://www.census.gov/econ/susb/>> accessed June 30, 2015 and "Statistics of U.S. Businesses Explanation of Terms" <<http://www.census.gov/econ/susb/definitions.html>> accessed June 13, 2014.

**Table 15.22--TOP INDUSTRIES FOR EMPLOYMENT: 2007 AND 2012**

[Ranking based on greatest employment during pay period including March 12 at the 2-digit NAICS code-level. Greatest employment is ranked 1. Statistics based on the North American Industry Classification System (NAICS). The 2007 data is based on the 2007 NAICS and the 2012 data is based on the 2012 NAICS. Includes only establishments with payroll]

NAICS code 1/	Sector	Number of employees			Payroll per employee (\$)		
		2007	2012	Percent change	2007	2012	Percent change
72	Accommodation and food services	98,353	98,364	0.0	22,468	25,781	14.7
44-45	Retail trade	70,661	68,360	-3.3	24,998	26,843	7.4
62	Health care and social assistance	63,640	66,772	4.9	42,763	49,281	15.2
56	Administrative and support and waste management and remediation services	46,823	47,307	1.0	26,722	28,645	7.2
23	Construction	35,523	27,541	-22.5	53,672	56,800	5.8
48-49	Transportation and warehousing 1/	32,361	26,839	-17.1	34,252	42,862	25.1
54	Professional, scientific, and technical services	22,460	21,629	-3.7	54,741	58,515	6.9

1/ Excludes railroad transportation and the U.S. Postal Service.

Source: U.S. Census Bureau, Economic Census, Economy-Wide Key Statistics File, 2007 Economic Census, "EC0700A1: All sectors: Geographic Area Series, Economy-Wide Key Statistics: 2007" Hawaii <[http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=445486742893](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=445486742893)> accessed July 3, 2015; 2012 Economic Census, "EC1200A1: All sectors: Geographic Area Series, Economy-Wide Key Statistics 2012" Hawaii <[http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=445486742893](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=445486742893)> accessed July 3, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.



**Table 15.23-- TOP INDUSTRIES OF PRIVATE FIRMS,  
BY COUNTY: 2013-2014**

[This data is averaged for 3rd quarter of 2013 through 2nd quarter of 2014. 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 earnings (\$)	New hire earnings (\$)
		State	517,757	34,695	3,585	2,300
1	722	Food services and drinking places	60,475	6,049	1,808	1,290
2	561	Administrative and support services	47,714	4,948	2,705	2,041
3	721	Accommodation	39,119	1,663	3,656	3,002
4	621	Ambulatory health care services	25,625	1,618	4,914	2,785
5	541	Professional, scientific, and technical services	24,356	1,497	5,702	4,189
6	238	Specialty trade contractors	15,578	1,223	4,824	3,786
7	624	Social assistance	14,536	968	1,969	1,439
8	622	Hospitals	14,121	508	5,896	4,573
9	445	Food and beverage stores	14,081	915	2,417	1,390
10	452	General merchandise stores	13,616	791	2,316	1,282
		Hawaii County	53,920	3,768	3,041	2,027
1	722	Food services and drinking places	5,886	647	1,724	1,240
2	721	Accommodation	5,431	269	3,306	2,751
3	561	Administrative and support services	4,343	537	2,182	1,650
4	621	Ambulatory health care services	3,002	177	4,071	2,615
5	452	General merchandise stores	2,415	156	2,289	1,340
6	624	Social assistance	2,284	142	1,626	1,157
7	445	Food and beverage stores	2,258	140	2,481	1,387
8	238	Specialty trade contractors	1,607	150	3,919	3,224
9	111	Crop production	1,493	80	2,030	1,610
10	713	Amusement, gambling, and recreation industries	1,455	92	3,150	2,001
		City & County of Honolulu	376,162	24,991	3,734	2,358
1	722	Food services and drinking places	42,140	4,063	1,760	1,241
2	561	Administrative and support services	36,775	3,736	2,779	2,066
3	541	Professional, scientific, and technical services	21,040	1,309	5,852	4,263

Continued on next page.

**Table 15.23-- TOP INDUSTRIES OF PRIVATE FIRMS,  
BY COUNTY: 2013-2014 -- Con.**

Rank	NAICS code	County and industry	Average quarterly employment	Average quarterly new hire employment	Average monthly earnings (\$)	New hire earnings (\$)
		City & County of Honolulu - con.				
4	621	Ambulatory health care services	19,306	1,268	4,972	2,722
5	721	Accommodation	17,803	679	3,661	2,797
6	622	Hospitals	13,065	485	5,900	4,542
7	238	Specialty trade contractors	11,757	890	5,117	4,049
8	611	Educational services	10,838	616	3,273	1,797
9	624	Social assistance	10,178	685	2,035	1,503
10	813	Religious, grantmaking, civic, professional, and similar organizations	9,483	519	2,879	1,878
		Kauai County	24,455	1,566	3,195	2,161
1	721	Accommodation	4,235	155	3,623	2,915
2	722	Food services and drinking places	3,641	385	1,736	1,276
3	561	Administrative and support services	1,758	201	3,064	3,009
4	621	Ambulatory health care services	844	37	6,460	2,987
5	713	Amusement, gambling, and recreation industries	833	77	2,378	1,456
6	445	Food and beverage stores	663	47	2,163	1,250
7	452	General merchandise stores	623	21	2,440	1,294
8	541	Professional, scientific, and technical services	592	24	4,309	3,921
9	238	Specialty trade contractors	538	38	3,393	2,666
10	624	Social assistance	499	38	1,822	1,285
		Maui County	63,184	4,368	3,296	2,254
1	721	Accommodation	11,648	559	3,823	3,400
2	722	Food services and drinking places	8,807	952	2,132	1,539
3	561	Administrative and support services	4,838	473	2,468	1,836
4	621	Ambulatory health care services	2,472	134	4,990	3,579
5	445	Food and beverage stores	2,071	137	2,404	1,423
6	238	Specialty trade contractors	1,675	144	4,054	3,093
7	111	Crop production	1,579	52	4,423	2,643
8	624	Social assistance	1,573	101	2,089	1,478
9	452	General merchandise stores	1,510	90	2,430	1,322
10	813	Religious, grantmaking, civic, professional, and similar organizations	1,479	89	2,837	1,896

Source: U.S. Census Bureau, Local Employment Dynamics, QWI Explorer <<http://qwiexplorer.ces.census.gov/#x=0&g=0>> accessed July 14, 2015.

**Table 15.24-- LARGEST PUBLIC AND PRIVATE COMPANIES: 2013**

[Ranking based on sales in 2013. 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	3,238.5	3,966
2	Hawaii Medical Service Assn. (HMSA)	1938	2,894.5	1,676
3	Hawaiian Holdings, Inc. 3/	1929	2,155.9	5,249
4	Matson, Inc.	(NA)	1,637.2	1,036
5	University of Hawaii	1907	1,591.5	8,826
6	Kaiser Permanente Hawaii	1958	1,159.0	4,371
7	Servco Pacific	(NA)	1,123.8	1,480
8	Hawaii Pacific Health	2001	1,070.6	5,809
9	The Queen's Health Systems	2/ 1859/1985	942.4	5,585
10	Aloha Petroleum, Ltd.	(NA)	767.0	484

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.

3/ Parent company of Hawaiian Airlines, Inc. which was listed in the rankings last year.

Source: *Hawaii Business*, "Hawaii Business Top 250" (August 2014) <[http://www.hawaiibusiness.com/Hawaii-Business/The-Top-250-Companies/?djoPage=view\\_html&djoPid=30185](http://www.hawaiibusiness.com/Hawaii-Business/The-Top-250-Companies/?djoPage=view_html&djoPid=30185)> accessed November 12, 2014 and various earlier issues and Hawaiian Airlines <<http://investor.hawaiianairlines.com/phoenix.zhtml?c=82818&p=irol-newsArticle&ID=1979966>> accessed November 17, 2014.

**Table 15.25-- NET INCOME OR LOSS AND TOTAL REVENUES OF  
SELECTED COMPANIES: 2012 TO 2013**

[Based on percentage change in gross annual sales between 2012 and 2013]

Rank	Company	Gross annual sales (million dollars)	
		2013	% change
	Largest percentage increase 1/		
1	S&M Sakamoto, Inc.	28.5	203.8
2	Grove Farm Company, Inc	38.5	181.4
3	St. Francis Healthcare System of Hawaii	70.9	79.4
4	Hawaiian Dredging Construction Co. Inc	412.0	79.1
5	Lend Lease	266.5	63.5
6	Nordic PCL Construction, Inc.	160.0	55.3
7	Queen Liliuokalani Trust	71.9	53.8
8	University of Hawaii Foundation	81.9	53.7
9	Honolulu Ford, Lincoln	70.0	42.1
10	Nan, Inc.	246.7	39.9
11	Alexander & Baldwin, Inc.	365.2	39.7
12	Stoebner Holdings, Inc.	81.4	38.6
13	Hawaii Employers' Mutual Insurance Co.	49.9	34.9
14	PEMCO Ltd.	38.4	33.0
	Largest percentage decrease 1/		
1	Gentry Co's.	80.8	-32.6
2	Royal Hawaiian Orchards, L.P.	13.9	-31.1

1/ Companies with a change of over 30 percent.

Source: *Hawaii Business*, "Hawaii Business Top 250" (August 2014)

<<http://www.hawaiibusiness.com/2014-hawaii-business-top-250-gainers-and-losers/>> accessed November 12, 2014.

**Table 15.26-- NONEMPLOYER STATISTICS, FOR HAWAII  
AND THE UNITED STATES: 2002 TO 2013**

[Data refer to businesses that have no paid employees or payroll with receipts of \$1,000 or more (or \$1 for the construction sector) and are subject to federal income tax. Limited to 300 of the 1,200 North American Industry Classification System (NAICS) industries. From 2002 to 2006, each firm was classified in accordance with the industry definitions in the 2002 NAICS manual; from 2007 to 2011 according to the 2007 NAICS manual; and beginning with the 2012 data year according to the 2012 NAICS manual]

Year	Hawaii		United States	
	Number of firms 1/	Receipts 2/ (\$1,000)	Number of firms 1/	Receipts 2/ (\$1,000)
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/	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
2012 3/	97,151	4,544,558	22,735,915	1,030,932,886
2013 3/	98,490	4,567,498	23,005,620	1,052,025,268
Economic Census 2007 4/	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/ Data are from the Economic Censuses taken every five years. All other data is from the annual Nonemployer Statistics series.

Source: U.S. Census Bureau, Nonemployer Statistics for 2002 to 2012 <<http://www.census.gov/econ/nonemployer/>> accessed April 24, 2014; Nonemployer Statistics for 2013 <[http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=445347674499](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=445347674499)> accessed June 5, 2015; 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](http://factfinder.census.gov/servlet/EconSectorServlet?caller=dataset&sv_name=2007+Survey+of+Business+Owners&_SectorId=*&ds_name=EC0700A1)> accessed July 29, 2011.

**Table 15.27-- 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 (\$1,000) 2/
	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 15.27-- 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](http://factfinder.census.gov/servlet/EconSectorServlet?caller=dataset&sv_name=2007+Survey+of+Business+Owners&_SectorId=*&ds_name=EC0700A1)> accessed July 13, 2010.

**Table 15.28-- CHARACTERISTICS OF NONEMPLOYER  
BUSINESSES, BY MAJOR GROUP: 2013**

[Data refer to businesses that have no paid employees or payroll with receipts of \$1,000 or more (or \$1 for the construction sector) and are subject to federal income tax. Statistics based on the 2012 North American Industry Classification System (NAICS). When comparing the 2012 Nonemployers Statistics data to those in those in previous Data Books containing data prior to the 2009 data, changes in methodology must be taken into consideration]

<b>2012 NAICS code</b>	<b>Major group 1/</b>	<b>Number of firms 2/</b>	<b>Receipts 3/ (\$1,000)</b>
	Total	98,490	4,567,498
11	Agriculture, forestry, fishing and hunting	2,021	79,749
21	Mining, quarrying, and oil and gas extraction	12	1,407
22	Utilities	171	13,159
23	Construction	7,303	479,695
236	Construction of buildings	2,350	188,000
238	Specialty trade contractors	4,846	279,153
31-33	Manufacturing	2,199	88,031
311	Food manufacturing	342	12,579
315	Apparel manufacturing	373	11,622
321	Wood product manufacturing	219	6,901
42	Wholesale trade	2,644	182,934
44-45	Retail trade	9,812	435,553
445	Food and beverage stores	619	54,902
446	Health and personal care stores	693	14,489
448	Clothing and clothing accessories stores	1,044	61,392
451	Sporting goods, hobby, music instrument & book	499	27,300
454	Nonstore retailers 4/	4,639	117,255
48-49	Transportation and warehousing	3,022	104,120
485	Transit and ground passenger transportation	2,051	57,046
51	Information	1,130	40,454
52	Finance and insurance	2,691	172,042
524	Insurance carriers and related activities	1,750	90,041
53	Real estate and rental and leasing	11,196	1,004,877
531	Real estate	10,721	974,480
54	Professional, scientific and technical services	14,342	590,218
56	Administrative and support and waste management and remediation services	8,288	221,869
61	Educational services	2,437	44,399
62	Health care and social assistance	7,720	365,440
621	Ambulatory health care services	4,968	283,296
71	Arts, entertainment and recreation	6,083	168,911
711	Performing arts, spectator sports, and related industries	5,122	116,684
72	Accommodation and food services	1,789	121,166
81	Other services (except public administration)	15,630	453,474
812	Personal and laundry services	11,135	299,646

Continued on next page.



**Table 15.28-- CHARACTERISTICS OF NONEMPLOYER  
BUSINESSES, BY MAJOR GROUP: 2013 -- Con.**

1/ Major groups include other subgroups not shown separately in this table. Limited to industries in approximately 300 of the nearly 1,200 recognized North American Classification System industries. The universe contains only those codes that are available through administrative records sources and are common to all three legal forms of organization applicable to nonemployer businesses.

2/ Data refer to each distinct business income tax return filed by a nonemployer business.

3/ Includes gross receipts, sales, commissions and income from trades and businesses, as reported on annual business income tax returns. Business income consists of all payments received for services rendered.

4/ Industries in the Nonstore Retailers subsector retail merchandise using methods, such as the broadcasting of infomercials, the broadcasting and publishing of direct-response advertising, the publishing of paper and electronic catalogs, door-to-door solicitation, in-home demonstration, selling from portable stalls and distribution through vending machines. 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). Also includes establishments engaged in direct sale (i.e., nonstore) of products, such as home heating oil dealers and newspaper delivery service providers.

Source: U.S. Census Bureau, Nonemployer Statistics for 2013 <[http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=445347674499](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=445347674499)> accessed June 5, 2015.

**Table 15.29-- 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](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 15.30-- 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](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 15.31-- 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)	Employees	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](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 15.32-- 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]

<b>Subject</b>	<b>Total 1/</b>	<b>Women- owned firms 2/</b>	<b>Percent women- owned</b>
<b>Hawaii</b>			
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
<b>United States</b>			
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](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-- BUSINESS INQUIRIES AND COMPLAINTS THROUGH THE BETTER BUSINESS BUREAU, BY TYPE OF INDUSTRY: 2014**

Type of industry 1/	Number of inquiries	Type of industry 1/	Number of complaints	Average settlement per consumer complaint (dollars)
Contractors - general	38,354	Auto dealers - new cars 2/	73	10,671.60
Dating service	24,669	Airlines	72	1,232.49
Roofing contractors	22,095	Auto dealers - used cars	51	8,284.04
Plumbers	21,047	Travel clubs	48	4,963.44
Electricians	20,635	Property management	36	1,618.77
Property management	17,607	Jewelers - retail	34	2,814.44
Construction & remodeling services	15,720	Auto repair & service	34	19,934.62
Real estate	15,209	Banks	33	2,075.00
Travel agencies & bureaus	14,314	Real estate	33	2,663.99
Pest control services	13,697	Movers	31	3,438.60
Auto repair & service	12,801	Television stations & broadcast companies	31	174.69
Air conditioning contractors & systems	12,793	Restaurants	30	1,445.26
Attorneys & lawyers	11,506	Towing - automotive	27	332.64
Painting contractors	10,309	Hotels	24	1,045.83
Travel clubs	9,852	Internet marketing services	22	74.00
Solar energy system design & installation	9,240	Auto renting & leasing	22	253.01
Auto body repair & painting	9,165	Solar energy equipment & systems dealers	19	24,000.00
Building contractors	9,148	Handyman services	18	7,771.87
Auto dealers - used cars	8,945	Plumbers	18	333.12
Auto dealers - new cars	8,335	Vacation rentals	16	500.00
Vacation rentals	8,287	Appliances - major - service & repair	16	362.66
Wedding consultants	8,266	Electric companies	16	1,414.72
Movers	8,238	Solar energy system design & installation	13	21,061.66
Jewelers - retail	8,205	Beauty salons	13	190.20
Solar energy equipment & systems dealers	7,998	Contractors - general	12	22,714.00

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**

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

Narrative

<a href="#">16.01</a>	Information Establishments (NAICS 51): 2013
<a href="#">16.02</a>	Information (NAICS 51), by Kind of Business or Operation: 2012
<a href="#">16.03</a>	Information (NAICS 51), by County and Selected Economic Place: 2012
<a href="#">16.04</a>	Number of Post Offices and Stations, by Island: September 30, 2014
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<a href="#">16.15</a>	Postage Rates and Newspaper Prices, for Honolulu: 2000 to 2015
<a href="#">16.16</a>	Books and Scholarly Journals Published by the University of Hawaii Press: 1991 to 2014



**Table 16.01-- INFORMATION ESTABLISHMENTS (NAICS 51): 2013**

[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]

<b>NAICS code</b>	<b>Industry</b>	<b>No. of establishments</b>	<b>No. of paid employees for pay period including March 12</b>	<b>Annual payroll (\$1,000)</b>
51	Information	506	8,244	490,516
511	Publishing industries (except internet)	92	1,392	85,110
5111	Newspaper, periodical, book, directory publishers	70	1,196	61,339
5112	Software publishers	22	196	23,771
512	Motion picture & sound recording industries	88	1,083	17,413
5121	Motion picture & video industries	76	1,016	14,927
5122	Sound recording industries	12	(1/)	2,486
515	Broadcasting (except internet)	52	827	43,043
5151	Radio & television broadcasting	50	805	42,067
517	Telecommunications	188	3,995	288,965
5171	Wired telecommunications carriers	96	3,032	234,480
5172	Wireless telecommunications carriers (except satellite)	71	875	48,778
5174	Satellite telecommunications	6	26	3,031
5179	Other telecommunications	15	(1/)	2,676
518	Data processing, hosting and related services	62	818	48,063
5182	Data processing, hosting, & related services	62	818	48,063
519	Other information services	24	129	7,922

1/ Employment-size class, 20 to 99 employees.

Source: U.S. Census Bureau, *2013 County Business Patterns* <<http://censtats.census.gov>> accessed April 27, 2015.

**Table 16.02-- INFORMATION (NAICS 51), BY KIND OF BUSINESS OR OPERATION: 2012**

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

NAICS code	Kind of business or operation	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	Paid employees, pay period including March 12 (number)
51	Information	543	(NA)	494,741	8,329
511	Publishing industries (except Internet)	95	462,648	87,415	1,510
5111	Newspaper, periodical, book, and directory publishers	74	389,350	64,800	1,306
5112	Software publishers	21	73,298	22,615	204
512	Motion picture and sound recording industries	97	(NA)	18,444	1,034
5121	Motion picture and video industries	85	(NA)	15,814	956
5122	Sound recording industries	12	(NA)	2,630	78
515	Broadcasting (except Internet)	52	(D)	(D)	(1/)
5151	Radio and television broadcasting	49	153,236	42,373	817
5152	Cable and other subscription programming	15	(D)	(D)	(2/)
517	Telecommunications	214	(NA)	282,407	4,051
5171	Wired telecommunications carriers	109	(NA)	219,367	3,058
5172	Wireless telecommunications carriers (except satellite)	87	(3/)	57,770	933
5174	Satellite telecommunications	6	17,425	3,133	28
5179	Other telecommunications	12	6,401	2,137	32
518	Data processing, hosting and related services	62	167,053	56,866	771
5182	Data processing, hosting, and related services	62	167,053	56,866	771
519	Other information services	23	(D)	(D)	(4/)
5191	Other information services	23	(D)	(D)	(4/)

Continued on next page.

**Table 16.02 -- INFORMATION (NAICS 51), BY KIND OF BUSINESS OR OPERATION: 2012 -- Con.**

NA Not available.

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

1/ 500 to 999 employees.

2/ 0 to 19 employees.

3/ Receipts not collected at this level of detail for multiestablishment firms.

4/ 100 to 249 employees.

Source: U.S. Census Bureau, 2012 Economic Census, Sector 51: EC1251A1: Information: Geographic Area Series, Summary Statistics for the United States, States, Metro Areas, Counties, and Places: 2012, Hawaii <[http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ECN\\_2012\\_US\\_51A1&prodType=table](http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ECN_2012_US_51A1&prodType=table)> accessed April 15, 2015.

**Table 16.03-- INFORMATION (NAICS 51), BY COUNTY AND SELECTED ECONOMIC PLACE: 2012**

[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]

<b>Geographic area</b>	<b>Establishments (number)</b>	<b>Receipts (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Paid employees, pay period including March 12 (number)</b>
State total	543	(NA)	494,741	8,329
Honolulu County	384	(NA)	429,456	6,817
Ahuimanu	1	(NA)	(D)	(1/)
Aiea	2	(NA)	(D)	(1/)
East Honolulu	14	(NA)	(D)	(2/)
Ewa Beach	1	(NA)	(D)	(1/)
Halawa	2	(NA)	(D)	(2/)
Haleiwa	3	(NA)	(D)	(1/)
Heeia	1	(NA)	(D)	(1/)
Hickam Housing	1	(NA)	(D)	(1/)
Kahaluu	2	(NA)	(D)	(2/)
Kailua	10	(NA)	1,030	22
Kaneohe	9	(NA)	3,638	133
Kaneohe Station	2	(NA)	(D)	(1/)
Kapolei	5	(NA)	1,839	83
Laie	1	(NA)	(D)	(1/)
Makaha	2	(NA)	(D)	(1/)
Makakilo	1	(NA)	(D)	(1/)
Mililani Mauka	9	(NA)	74,605	956
Mililani Town	6	(NA)	2,247	89
Nanakuli	2	(NA)	(D)	(1/)
Pearl City	10	(NA)	5,151	125
Pupukea	6	(NA)	2,721	24
Royal Kunia	2	(NA)	(D)	(2/)
Schofield Barracks	1	(NA)	(D)	(1/)
Urban Honolulu	265	(NA)	314,145	4,877
Wahiawa	2	(NA)	(D)	(2/)
Waianae	1	(NA)	(D)	(1/)
Waikele	1	(NA)	(D)	(1/)
Waimalu	8	(NA)	3,679	120
Waimanalo	1	(NA)	(D)	(1/)
Waipahu	2	(NA)	(D)	(1/)
Waipio	1	(NA)	(D)	(1/)
Balance of Honolulu County	10	(NA)	6,925	127

Continued on next page.

**Table 16.03-- INFORMATION (NAICS 51), BY COUNTY AND SELECTED ECONOMIC PLACE: 2012 -- Con.**

<b>Geographic area</b>	<b>Establishments (number)</b>	<b>Receipts (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Paid employees, pay period including March 12 (number)</b>
Hawaii County	66	(NA)	28,843	664
Hawaiian Ocean View	1	(NA)	(D)	(1/)
Hilo	19	(NA)	13,441	336
Holualoa	4	(NA)	(D)	(1/)
Kahaluu-Keauhou	3	(NA)	(D)	(1/)
Kailua	16	(NA)	9,259	209
Kalaoa	5	(NA)	(D)	(2/)
Waimea	1	(NA)	(D)	(1/)
Balance of Hawaii County	17	(NA)	2,313	56
Kauai County	24	(NA)	9,726	223
Hanapepe	1	(NA)	(D)	(1/)
Kapaa	4	(NA)	267	4
Kilauea	1	(NA)	(D)	(1/)
Lihue	13	(NA)	8,488	191
Puhi	1	(NA)	(D)	(1/)
Balance of Kauai County	4	(NA)	(D)	(1/)
Maui County	69	(NA)	26,716	625
Haiku-Pauwela	2	(NA)	(D)	(1/)
Kaanapali	1	(NA)	(D)	(1/)
Kahului	23	(NA)	16,863	388
Kaunakakai	1	(NA)	(D)	(1/)
Kihei	10	(NA)	1,662	61
Kula	2	(NA)	(D)	(1/)
Lahaina	10	(NA)	2,141	51
Lanai	1	(NA)	(D)	(1/)
Makawao	4	(NA)	46	3
Paia	3	(NA)	65	3
Wailea	1	(NA)	(D)	(1/)
Wailuku	8	(NA)	5,115	96
Balance of Maui County	3	(NA)	(D)	(1/)

NA Not available.

D Withheld to avoid disclosing data for individual companies.

1/ 0 to 19 employees.

2/ 20 to 99 employees.

Source: U.S. Census Bureau, 2012 Economic Census, Sector 51: EC1200A1: Information: Geographic Area Series, Summary Statistics for the United States, States, Metro Areas, Counties, and Places: 2012, <[http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ECN\\_2012\\_US\\_51A1&prodType=table](http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ECN_2012_US_51A1&prodType=table)> accessed April 15, 2015.

**Table 16.04-- NUMBER OF POST OFFICES AND STATIONS, BY ISLAND:  
SEPTEMBER 30, 2014**

Island	Total	Cost Ascertainment Group (CAG) 1/				Stations	
		A-G 2/	H-J 3/	K 4/	L 5/	Classified 6/	Contract 7/
State total	113	37	27	5	2	23	19
Hawaii	32	11	11	3	-	2	5
Maui	11	8	2	-	-	1	-
Lanai	1	-	1	-	-	-	-
Molokai	5	1	2	1	1	-	-
Oahu	45	12	4	-	-	18	11
Kauai	19	5	7	1	1	2	3
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 2014**

[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
2013	71	43	206,241	573
2014	71	42	205,496	554

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: 2000 TO 2013**

Subject	Number or percent
Telecommunications revenues (\$ million)	
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/	
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
2013	96.4
Mobile wireless telephone subscribers	
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](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](http://hraunfoss.fcc.gov/edocs_public/attachmatch/DOC-311523A1.pdf)> accessed July 17, 2013; and *Universal Service Monitoring Report* <<https://www.fcc.gov/encyclopedia/federal-state-joint-board-monitoring-reports>> accessed May 1, 2015.



**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:  
2012**

[Percent of persons living in household, period ending June]

Year	Adults aged 18 years and over	Children under age 18 years
Wireless-only	31.6	43.8
Wireless-mostly	19.6	18.6
Dual-use	28.9	28.6
Landline-mostly	11.6	1/ 3.7
Landline-only	6.5	1/ 3.5
No telephone service 2/	1.7	1.7

1/ Estimate has relative standard error greater than 30% and less than or equal to 50% and is considered unreliable.

2/ The proportion of children and adults 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, 2011-2012* (Number 70), Tables 2 and 3 <<http://www.cdc.gov/nchs/data/nhsr/nhsr070.pdf>> accessed May 16, 2014.

**Table 16.09-- STATUS OF WIRELESS TELEPHONE USAGE OF HOUSEHOLD POPULATION: 2007 TO 2012**

[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
July 2011 - June 2012	29.2	38.8
January - December 2012	31.6	43.8

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; and December 18, 2013 Table 1 <<http://www.cdc.gov/nchs/data/nhsr/nhsr061.pdf>> accessed May 16, 2014.

**Table 16.10-- CABLE TELEVISION SYSTEMS, SUBSCRIBERS,  
AND REVENUES, BY COUNTY: 2004 TO 2014**

[As of December 31]

Category and year	State	County			
		Hawaii	Maui	Honolulu	Kauai
Number of systems					
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
2013	1/ 7	2	2	2	1
2014	1/ 7	2	2	2	1
Subscribers					
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)
2013	(D)	(D)	(D)	(D)	(D)
2014	(D)	(D)	(D)	(D)	(D)
Basic service revenue (\$1,000)					
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
2013	(D)	(D)	(D)	(D)	(D)
2014	(D)	(D)	(D)	(D)	(D)

Continued on next page.

**Table 16.10-- CABLE TELEVISION SYSTEMS, SUBSCRIBERS,  
AND REVENUES, BY COUNTY: 2004 TO 2014 -- Con.**

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 and records.

**Table 16.11-- RADIO AND TELEVISION BROADCASTING STATIONS IN OPERATION, 1930 TO 2015, AND BY COUNTY, 2015**

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
2014: June 2	34	60	28	-	18	2
2015: May 29	34	62	27	2	28	2
COUNTY: 2015						
Hawaii	7	17	6	-	7	-
Maui	6	14	6	1	7	1
Honolulu	19	23	15	1	10	1
Kauai	2	8	-	-	4	-

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 2005-15) <<http://www.fcc.gov/encyclopedia/audio-division-media-bureau>> accessed May 29, 2015.

**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: 2009-2010 TO 2012-2013**

[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]

<b>Newspaper</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>	<b>2012-2013</b>
<b>Daily</b>				
<i>The Honolulu Advertiser</i>	(1/)	(NA)	(NA)	(NA)
<i>Honolulu Star-Advertiser</i>	120,078	121,921	123,400	(NA)
<i>Honolulu Star-Bulletin</i>	(1/)	(NA)	(NA)	(NA)
<i>Hawaii Tribune-Herald</i> (Hilo)	17,409	16,924	16,152	15,514
<i>West Hawaii Today</i> (Kailua-Kona)	(NA)	(NA)	(NA)	(NA)
<i>Maui News</i> (Wailuku)	18,770	18,247	17,521	17,387
<i>Garden Island</i> (Lihue)	(NA)	11,257	(NA)	(NA)
<b>Sunday morning</b>				
<i>The Honolulu Advertiser</i>	(1/)	(NA)	(NA)	(NA)
<i>Honolulu Star-Advertiser</i>	132,281	136,179	138,055	(NA)
<i>Honolulu Star-Bulletin</i>	(1/)	(NA)	(NA)	(NA)
<i>Hawaii Tribune-Herald</i> (Hilo)	19,726	19,258	19,090	18,227
<i>West Hawaii Today</i> (Kailua-Kona)	(NA)	(NA)	(NA)	(NA)
<i>Maui News</i> (Wailuku)	20,886	20,590	19,809	19,662
<i>Garden Island</i> (Lihue)	(NA)	8,888	(NA)	(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:  
2000 TO 2015**

[In cents. As of July 1 unless otherwise specified]

Year	Domestic first-class postage rates			Newspaper price 1/			
	Letters		Postal and post cards	Daily	Sunday		
	First ounce	Each added ounce			<i>The Honolulu Star Advertiser</i>	<i>The Honolulu Advertiser</i>	<i>Honolulu Star-Bulletin</i>
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)
2014	49	9/ 21	34	100	225	(X)	(X)
2015	49	10/ 22	35	100	225	(X)	(X)

Continued on next page.

**Table 16.15-- POSTAGE RATES AND NEWSPAPER PRICES, FOR HONOLULU:  
2000 TO 2015 -- Con.**

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.

9/ For weight not over 2 ounces \$0.70, for weight not over 3 ounces \$0.91, for weight not over 3.5 ounces \$1.12, and for items over 3.5 ounces, large envelope or package prices are used.

10/ For weight not over 2 ounces \$0.71, for weight not over 3 ounces \$0.93, for weight not over 3.5 ounces \$1.15, 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 <<https://www.usps.com/ship/first-class.htm?>>>. Newspaper rates from *The Honolulu Star-Advertiser*.

**Table 16.16-- BOOKS AND SCHOLARLY JOURNALS PUBLISHED BY THE  
UNIVERSITY OF HAWAII PRESS: 1991 TO 2014**

Year	Published titles 1/		New books and journals published 3/		Volumes sold 3/	Book sales revenues 3/ (dollars)
	Cumulative total 2/	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	14	233,994	3,221,734
2013	2,771	1,591	61	16	229,405	3,346,534
2014	2,799	1,357	73	16	220,553	3,324,607

1/ As of June 30. Excludes journals.

2/ Includes books and other media, but not journals.

3/ Year ending June 30.

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**

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

Narrative

<a href="#">17.01</a>	Consumption of Energy, by Source (Physical Units): 1960 to 2012
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**Table 17.01-- CONSUMPTION OF ENERGY, BY SOURCE  
(PHYSICAL UNITS): 1960 TO 2012**

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 2012-- 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	46,861	91	-
2004	857	3	49,098	94	-
2005	805	3	51,267	96	341
2006	778	3	51,564	120	390
2007	850	3	52,905	92	497
2008	937	3	42,397	84	918
2009	878	3	41,920	113	1,051
2010	803	3	4/ 42,090	70	1,250
2011	783	3	4/ 43,773	93	1,261
2012	803	3	42,359	115	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, 1960-2012, Hawaii  
<[http://www.eia.gov/state/seds/sep\\_use/total/pdf/use\\_HI.pdf](http://www.eia.gov/state/seds/sep_use/total/pdf/use_HI.pdf)> accessed April 16, 2015.



**Table 17.02-- CONSUMPTION OF ENERGY, BY SOURCE: 1960 TO 2012**

[Trillion Btu]

Year	Total 1/	Fossil fuels			Renewable energy					Fossil fuels (as commingled)	
		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	220.1	-	-	218.4	1.0	0.7	-	(NA)	(NA)	-	36.9
1977	233.4	-	-	232.0	0.9	0.5	-	(NA)	(NA)	-	38.9
1978	237.0	-	-	235.8	0.9	0.3	-	(NA)	(NA)	-	40.1
1979	256.7	-	-	255.4	0.9	0.3	-	(NA)	(NA)	-	39.4
1980	262.5	-	-	249.6	0.9	11.9	-	(NA)	(NA)	3.0	38.0
1981	236.8	-	-	223.2	0.8	12.7	-	(NA)	(NA)	2.8	37.7
1982	218.3	1.1	-	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	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	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	-	292.8	0.8	25.9	(7/)	0.9	0.3	3.0	45.5
1991	295.2	1.1	-	266.6	0.7	25.4	(7/)	1.0	0.4	2.9	47.1
1992	306.1	6.8	-	272.5	0.6	24.9	(7/)	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	-	258.2	1.4	20.7	1.9	1.1	0.2	2.9	48.9
1995	297.1	19.9	-	252.5	1.0	19.8	2.4	1.2	0.2	2.9	49.1
1996	283.3	20.4	-	238.8	1.1	19.1	2.5	1.2	0.2	2.8	48.9
1997	273.6	20.5	-	230.6	1.2	17.4	2.5	1.3	0.2	2.7	48.8
1998	273.6	18.2	-	233.6	1.2	16.5	2.4	1.3	0.2	2.8	48.7
1999	269.5	17.7	-	230.0	1.2	17.0	2.2	1.3	0.2	2.9	46.7
2000	273.5	17.7	0.1	235.3	1.1	15.2	2.7	1.3	0.2	3.0	48.4

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**Table 17.02-- CONSUMPTION OF ENERGY, BY SOURCE: 1960 TO 2012-- Con.**

[Trillion Btu]

Year	Total 1/	Fossil fuels			Renewable energy					Fossil fuels (as commingled)	
		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	270.3	17.8	0.1	239.9	1.0	7.9	2.1	1.3	(7/)	2.9	50.6
2002	284.9	16.6	0.1	257.6	1.0	7.5	0.7	1.3	(7/)	2.9	54.3
2003	302.4	19.3	0.1	269.6	0.9	9.3	1.8	1.4	(7/)	2.9	55.2
2004	316.4	19.3	0.2	283.0	0.9	9.3	2.1	1.4	0.1	2.9	56.0
2005	8/ 326.5	18.0	0.2	294.1	1.0	9.6	2.2	1.5	0.1	2.9	57.3
2006	8/ 329.2	17.5	0.2	295.9	1.2	9.9	2.1	8/ 1.6	0.8	2.9	60.2
2007	8/ 340.9	19.0	0.2	304.7	0.9	9.7	2.3	8/ 1.8	2.4	3.0	59.2
2008	8/ 280.3	20.2	0.1	240.5	0.8	11.8	2.3	8/ 2.2	2.4	2.8	55.7
2009	8/ 276.3	19.0	0.2	237.1	1.1	12.2	1.6	8/ 2.6	2.5	2.7	56.5
2010	8/ 275.4	17.1	0.2	237.6	0.7	12.0	2.0	8/ 3.4	2.5	2.7	52.1
2011	8/ 285.9	16.1	0.2	8/ 246.3	0.9	12.3	2.2	8/ 4.6	3.3	2.7	8/ 58.2
2012	280.3	16.6	0.2	238.0	1.1	11.6	2.5	6.8	3.6	2.8	55.0

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/ Value less than +0.05 and greater than -0.05.

8/ Revised from previous *Data Book*.

Source: U.S. Department of Energy, Energy Information Administration, State Energy Data System (SEDS)

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2012, Hawaii

<[http://www.eia.gov/state/seds/sep\\_use/total/pdf/use\\_HI.pdf](http://www.eia.gov/state/seds/sep_use/total/pdf/use_HI.pdf)> accessed April 16, 2015.

**Table 17.03-- CONSUMPTION OF ENERGY BY END-USE SECTOR:  
1960 TO 2012**

[Trillion Btu]

<b>Year</b>	<b>Residential 1/ 2/</b>	<b>Commercial 1/ 3/ 4/ 5/</b>	<b>Industrial 1/ 4/ 5/</b>	<b>Transportation 1/ 4/</b>	<b>Electric power 1/ 2/</b>
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	5.7	28.7	66.1	21.4
1963	8.7	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	14.1	10.7	41.0	125.1	38.7
1970	15.5	12.5	43.7	125.3	43.2
1971	16.8	12.5	43.6	138.8	47.7
1972	18.6	13.7	49.2	136.5	54.1
1973	19.0	14.5	49.9	140.9	55.6
1974	19.3	14.3	49.9	128.7	57.5
1975	19.0	14.5	50.4	130.5	58.8
1976	20.3	16.4	51.7	131.7	62.5
1977	20.7	18.0	53.3	141.3	65.2
1978	20.8	18.5	53.1	144.6	66.8
1979	21.4	19.7	59.2	156.4	67.7
1980	21.0	20.1	74.7	146.7	69.7
1981	20.9	18.1	73.7	124.1	69.9
1982	19.6	16.9	79.6	102.2	66.9
1983	20.1	17.2	66.2	117.9	68.6
1984	19.7	18.3	65.0	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	29.7	38.6	93.6	144.1	99.3
1993	29.6	30.7	92.3	130.4	99.5
1994	30.5	35.0	93.8	140.0	102.3
1995	31.3	34.6	93.0	138.2	105.5
1996	32.1	34.0	95.6	121.6	107.5
1997	32.2	35.5	88.7	117.3	107.3
1998	32.4	45.9	80.7	114.6	105.6
1999	32.4	36.0	78.0	123.1	106.6
2000	33.1	37.3	78.0	125.2	108.5

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**Table 17.03-- CONSUMPTION OF ENERGY BY END-USE SECTOR:  
1960 TO 2012-- Con.**

[Trillion Btu]

Year	Residential 1/ 2/	Commercial 1/ 3/ 4/ 5/	Industrial 1/ 4/ 5/	Transportation 1/ 4/	Electric power 1/ 2/
2001	32.3	36.6	69.5	132.0	105.3
2002	34.6	39.4	70.8	140.2	110.9
2003	33.7	39.6	66.1	162.9	109.0
2004	34.7	43.4	66.2	172.1	110.8
2005	6/ 35.2	41.8	70.2	179.4	109.8
2006	6/ 35.7	42.6	69.2	181.6	110.6
2007	6/ 36.3	42.2	67.1	195.3	111.8
2008	6/ 35.8	42.8	64.1	137.6	109.0
2009	6/ 35.8	42.2	64.0	134.3	105.6
2010	6/ 34.1	39.8	63.7	137.9	98.8
2011	6/ 34.9	40.7	6/ 64.2	6/ 146.1	99.0
2012	35.3	38.0	63.5	143.5	94.9

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 amounts 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 Estimates, Selected Years, 1960-2012, Hawaii

<[http://www.eia.gov/state/seds/sep\\_use/total/pdf/use\\_HI.pdf](http://www.eia.gov/state/seds/sep_use/total/pdf/use_HI.pdf)> accessed April 16, 2015.

**Table 17.04-- PRIMARY ENERGY CONSUMPTION AND ELECTRICITY SALES, TOTAL AND PER CAPITA: 1993 TO 2013**

[Include photovoltaic]

Year	Primary energy consumption		Electricity sales by utilities	
	Total (trillion Btu)	Per capita 1/ (million Btu)	Total (1,000 kWh)	Per capita 1/ (kWh)
1993 2/	282.8990	223.133	8,657,903	6,829
1994 2/	299.3730	232.107	8,948,458	6,938
1995 2/	297.0650	228.847	9,187,430	7,078
1996 2/	283.2950	217.265	9,378,962	7,193
1997 2/	273.6140	206.045	9,345,281	7,037
1998 2/	273.5600	205.048	9,261,070	6,942
1999 2/	269.5020	202.262	9,379,808	7,040
2000 2/	273.4950	204.711	9,690,598	7,253
2001 2/	270.3250	202.093	9,776,882	7,309
2002 2/	284.9000	210.561	9,958,768	7,360
2003 2/	302.3080	222.489	10,206,405	7,512
2004 2/	316.2510	227.917	10,508,642	7,573
2005 2/	326.3580	231.050	10,538,506	7,461
2006 2/	328.8020	229.849	10,567,913	7,387
2007 2/	339.9060	237.123	10,584,992	7,384
2008 2/	279.1500	194.853	10,390,010	7,252
2009 2/	274.8740	190.547	10,126,219	7,020
2010 2/	273.7830	186.442	10,013,104	6,819
2011 2/	283.3550	190.317	9,961,653	6,691
2012 2/	278.1390	183.545	9,639,157	6,361
2013	277.1110	180.178	9,503,164	6,179

1/ Based on estimated de facto population.

2/ Revised from previous *Data Book*.

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 18, 2015 and calculations by Department of Business, Economic Development and Tourism.

**Table 17.05-- PRIMARY ENERGY CONSUMPTION, BY SOURCE:  
1997 TO 2013**

[Trillion Btu]

Year	Total 1/	Petroleum 1/	Coal	Natural gas	Renewable 1/
1997	273.6140	230.5610	20.5130	0.0000	22.5400
1998	273.5600	233.6360	18.2230	0.0000	21.7010
1999	269.5020	229.9900	17.6910	0.0000	21.8210
2000	273.4950	235.3150	17.6530	0.0760	20.4510
2001	270.3250	239.9480	17.7740	0.1340	12.4690
2002	284.9000	257.5930	16.6180	0.1400	10.5500
2003	302.3080	269.4860	19.2560	0.1370	13.4290
2004	316.2510	282.9230	19.2540	0.1550	13.9190
2005	326.3580	295.1040	17.9560	0.1950	14.2850
2006	328.8020	296.9070	17.5270	0.1790	15.5410
2007	339.9060	305.4410	19.0070	0.1730	17.0090
2008	279.1500	242.4900	20.1580	0.1480	19.5390
2009	274.8740	239.3210	18.9580	0.1670	20.0660
2010	273.7830	240.2820	17.1170	0.1610	19.0060
2011	283.3550	248.7560	16.0800	0.1580	21.5910
2012	278.1390	240.8340	16.5720	0.1870	23.4770
2013	277.1110	236.0260	15.3060	0.1870	28.5990
Year	Biomass	Solar	Wind	Geothermal	Hydro
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	1.8130	0.9160
2004	9.3360	1.4230	0.0750	2.1440	0.9410
2005	1/ 9.5650	1.4680	0.0660	2.2240	0.9620
2006	1/ 9.8750	1.5710	0.7900	2.1140	1.1910
2007	1/ 9.6930	1.7690	2.3540	2.2800	0.9130
2008	1/ 11.7950	2.2320	2.3650	2.3160	0.8310
2009	1/ 12.2250	2.6450	2.4540	1.6430	1.0990
2010	1/ 10.4480	3.3600	2.5470	1.9640	0.6870
2011	1/ 10.5500	4.6410	3.3110	2.1830	0.9050
2012	1/ 9.6040	1/ 6.6920	3.5990	2.4910	1.0900
2013	11.1600	9.2610	4.8020	2.6300	0.7470

1/ Revised from previous *Data Book*.

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 18, 2015 and calculations by Department of Business, Economic Development and Tourism.

**Table 17.06-- ELECTRICITY GENERATION BY SOURCE: 1995 TO 2013**

[Millions of kWh generated]

Year	Total	Petroleum	Coal	Wind	Biomass
1995	10,304	7,679	1,561	20	640
1996	10,628	7,963	1,643	23	593
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
2012	10,469	7,483	1,537	378	281
2013	10,267	7,223	1,404	503	329

Year	Geothermal	Hydro	Other gases 1/	Solar	Others
1995	235	98	69	-	2
1996	242	104	60	-	-
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
2012	261	115	47	4.6	363
2013	275	78	41	19.5	394

Continued on next page.

**Table 17.06-- ELECTRICITY GENERATION BY SOURCE: 1995 TO 2013 -- 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 1990-2013 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 June 18, 2015.



**Table 17.07-- ELECTRICITY PRODUCTION, BY SOURCE, BY ISLAND:  
2013**

[Million kWh]

<b>Island</b>	<b>Total</b>	<b>Petroleum</b>	<b>Coal</b>	<b>Wind</b>	<b>Biomass</b>
State total	10,267	7,223	1,404	503	329
Hawaii	1,180	715	-	152	-
Maui	1,170	589	15	229	329
Lanai	28	28	-	-	-
Molokai	33	33	-	-	-
Oahu	7,396	5,450	1,389	122	-
Kauai	460	418	-	-	-
<b>Island</b>	<b>Geothermal</b>	<b>Hydro</b>	<b>Other gases 1/</b>	<b>Solar</b>	<b>Others</b>
State total	275	78	41	19	394
Hawaii	275	38	-	-	-
Maui	-	5	-	2	-
Lanai	-	-	-	-	-
Molokai	-	-	-	-	-
Oahu	-	-	41	11	394
Kauai	-	35	-	6	-

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 1990-2013 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 June 18, 2015 and calculations by Department of Business, Economic Development and Tourism.

**Table 17.08 -- FUEL, ELECTRICITY, AND TOTAL ENERGY EXPENDITURES, BY SOURCE: 1993 TO 2013**

[Millions of dollars]

Year	Total energy expenditures	Primary energy expenditures 1/	Electricity additions 1/	Retail electricity expenditures	Electricity fuel cost 1/
1993	2,017.2	1,398.4	618.8	903.5	284.7
1994	2,122.1	1,441.7	680.4	937.3	256.9
1995	2,202.7	1,470.2	732.5	1,017.7	285.2
1996	2,305.8	1,532.5	773.3	1,119.7	346.4
1997	2,272.6	1,455.8	816.8	1,152.7	335.9
1998	2,092.5	1,296.7	795.8	1,054.4	258.6
1999	2,163.2	1,379.8	783.4	1,106.5	323.1
2000	2,705.1	1,863.0	842.1	1,341.2	499.1
2001	2,779.2	1,891.1	888.1	1,353.4	465.3
2002	2,688.2	1,882.7	805.5	1,300.2	494.7
2003	3,328.1	2,345.2	982.9	1,478.9	496.0
2004	4,017.5	2,889.0	1,128.5	1,654.9	526.4
2005	4,990.0	3,897.1	1,092.9	1,897.8	804.9
2006	5,723.5	4,543.0	1,180.5	2,152.2	971.7
2007	6,170.2	5,001.5	1,168.7	2,213.3	1,044.6
2008	6,821.2	5,305.2	1,516.0	2,978.3	1,462.3
2009	4,734.3	3,481.2	1,253.1	2,111.7	858.6
2010	5,778.0	4,445.1	1,332.9	2,473.3	1,140.4
2011	1/ 7,591.8	6,093.7	1,498.1	3,090.5	1,592.4
2012	1/ 7,786.2	6,187.4	1,598.8	3,219.0	1,620.2
2013	7,537.8	5,867.1	1,670.7	3,153.6	1,482.9

1/ Revised from previous *Data Book*.

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, 2015 and calculations by Department of Business, Economic Development and Tourism.

**Table 17.09-- ELECTRIC UTILITIES: 2001 TO 2014**

Year	Customers, Dec. 31			Power sold (1,000 kWh)		
	Total	Residen- tial 1/	Other	Total	Residen- tial 1/	Other
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
2013	488,456	423,281	65,175	9,500,990	2,608,786	6,892,205
2014	492,358	426,862	65,496	9,406,166	2,538,865	6,867,301

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
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
2013	6,163	105,749	0.36887	0.31787	3,153,164	962,308	2,190,856
2014	5,948	104,851	0.37342	0.32126	3,154,227	948,062	2,206,164

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: 2014**

Island	Customers, Dec. 31			Net Peak Demand 3/	Power sold (1,000 kWh)		
	Total	Residential 1/	Other	(mW)	Total	Residential 1/	Other
State total	492,358	426,862	65,496	(X)	9,406,166	2,538,865	6,867,301
Oahu	301,953	268,056	33,897	1,144.0	6,781,665	1,611,149	5,170,516
Hawaii	83,421	70,398	13,023	190.2	1,062,521	386,585	675,936
Kauai	36,942	28,606	8,336	(X)	429,924	159,151	270,772
Lanai	1,732	1,484	248	5.0	26,529	7,890	18,639
Maui	65,124	55,670	9,454	190.3	1,076,321	364,174	712,146
Molokai	3,186	2,648	538	5.4	29,207	9,915	19,292
Island	Average annual use (kWh) 2/		Average rate (dollars per kWh)		Revenues (\$1,000)		
	Residential 1/	Other	Residential 1/	Other	Total	Residential 1/	Other
State total	5,948	104,851	0.37342	0.32126	3,154,227	948,062	2,206,164
Oahu	6,010	152,536	0.35479	0.30219	2,134,094	571,626	1,562,467
Hawaii	5,491	51,903	0.41889	0.38274	420,647	161,938	258,709
Kauai	5,564	32,482	0.43014	0.40733	178,751	68,458	110,294
Lanai	5,317	75,156	0.45848	0.45907	12,174	3,617	8,557
Maui	6,542	75,327	0.37827	0.36142	395,142	137,757	257,385
Molokai	3,744	35,858	0.47062	0.45366	13,418	4,666	8,752

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.

3/ Net peak demand in 2013.

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: 2001 TO 2014**

[Excludes bottled gas]

Year	Customers, Dec. 31			Gas sold (1,000 therms)		
	Total	Residen- tial 1/	Other	Total	Residen- tial 1/	Other
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
2013	35,116	31,412	3,704	33,100	4,443	28,656
2014	35,186	31,463	3,723	33,118	4,309	28,809

Year	Average annual use (therms) 2/		Average rate (dollars per therm)		Revenues (\$1,000)		
	Residen- tial 1/	Other	Residen- tial 1/	Other	Total	Residen- tial 1/	Other
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
2013	141	7,737	5.44508	3.91188	136,294	24,193	112,100
2014	137	7,738	5.48225	3.89496	135,832	23,622	112,210

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 Financial Reports*, calculation by Hawaii State Department of Business, Economic Development and Tourism, and records.

**Table 17.12-- GAS UTILITIES, BY ISLAND: 2014**

[Excludes bottled gas]

Island	Customers, December 31			Gas sold (1,000 therms)		
	Total	Residen- tial 1/	Other	Total	Residen- tial 1/	Other
State total	35,186	31,463	3,723	33,118	4,309	28,809
Oahu	31,766	28,470	3,296	29,691	3,786	25,904
Hawaii	1,860	1,538	322	2,349	299	2,050
Kauai	943	926	17	158	101	57
Lanai	22	22	-	3	3	-
Maui	511	423	88	902	104	798
Molokai	84	84	-	15	15	-

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	137	7,738	5.48225	3.89496	135,832	23,622	112,210
Oahu	133	7,859	5.55274	4.00135	124,678	21,025	103,653
Hawaii	194	6,368	5.14649	2.97662	7,642	1,539	6,103
Kauai	109	3,325	5.18270	3.01355	695	525	170
Lanai	129	-	5.54700	-	16	16	-
Maui	246	9,065	4.26276	2.86278	2,727	443	2,284
Molokai	181	-	4.85508	-	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 Financial Reports*, calculations by Hawaii State Department of Business, Economic Development and Tourism, and records.

**Table 17.13-- SERVICE PROVIDED BY HAWAIIAN ELECTRIC COMPANY, INC.,  
ON OAHU: 1991 TO 2014**

Year	Number of customers, Dec. 31		Net input 1/ (1,000 kWh)	Electricity sales (1,000 kWh)	Average annual residential use 2/ (kWh)	Average residential rate (dollars per kWh)	Generating capability Dec. 31 3/ (1000 kW)
	Total	Residential only					
1991	255,176	223,304	6,876,964	6,538,952	7,610	0.09354	1,440
1992	257,442	225,229	7,061,157	6,650,449	7,711	0.09925	1,666
1993	263,478	230,192	7,029,839	6,607,424	7,581	0.11414	1,669
1994	264,992	232,115	7,222,978	6,797,364	7,681	0.11342	1,669
1995	269,307	235,905	7,359,195	6,962,794	7,732	0.12302	1,669
1996	271,602	237,860	7,499,202	7,091,147	7,868	0.12944	1,669
1997	271,801	238,825	7,424,259	7,040,291	7,773	0.13360	1,669
1998	272,675	239,945	7,299,149	6,938,326	7,603	0.12556	1,669
1999	275,467	242,579	7,356,725	6,997,936	7,654	0.12741	1,669
2000	278,260	245,027	7,589,409	7,211,760	7,793	0.14477	1,669
2001	280,911	247,672	7,643,288	7,276,681	7,816	0.14255	1,669
2002	283,161	249,896	7,757,699	7,390,367	8,050	0.13859	1,669
2003	286,677	253,033	7,908,957	7,522,230	8,224	0.14888	1,669
2004	288,456	254,797	8,126,998	7,732,834	8,481	0.15690	1,669
2005	291,580	257,804	8,104,303	7,721,296	8,360	0.17673	1,712
2006	292,988	259,098	8,104,872	7,700,605	8,248	0.20063	1,722
2007	294,591	260,583	8,089,115	7,675,355	8,214	0.20519	1,727
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
2013	299,528	265,772	7,187,329	6,858,536	6,283	0.34625	1,840
2014	301,953	268,056	7,101,879	6,781,665	6,036	0.35479	1,848

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 2014**

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	32,121	28,872	29,266	4,059	141
2012	31,875	28,622	29,563	4,036	137
2013	31,730	28,481	29,711	3,923	141
2014	31,766	28,504	29,703	3,790	133

1/ Includes liquefied petroleum gas.

Source: The Gas Company LLC, formerly The Gas Company, Inc., records.



**Table 17.15-- LIQUID FUEL TAX BASE: 2000 TO 2014**

[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	
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	47,237	
2012	900,993	673,513	444,638	151,509	47,674	
2013	866,768	635,587	446,571	107,415	51,235	
2014	902,720	665,707	447,267	137,449	45,921	

Year reported	Liquefied petroleum gas			Small boats		Other fuel
	Off hwy.	Hwy. use	Aviation fuel	Gasoline	Diesel oil	
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
2013	-	23	231,181	1,390	1,257	27,696
2014	-	22	237,012	1,565	2,763	30,721

X Not applicable.

Source: Hawaii State Department of Taxation, Tax Research & Planning, "Liquid Fuel Tax Base & Tax Collections - CY Ending December 31, 2014" <<http://files.hawaii.gov/tax/stats/monthly/2014cy-fuels-base.pdf>> accessed May 12, 2015.

**Table 17.16-- LIQUID FUEL TAX BASE, BY COUNTY: 2014**

[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	902,720	530,063	148,587	131,947	92,122
Gasoline	447,267	282,230	61,988	75,440	27,609
Diesel oil, non-hwy.	137,449	102,508	15,942	6,226	12,773
Diesel oil, hwy. use	45,921	26,372	6,155	10,408	2,986
Liq. pet. gas, hwy. use	22	21	-	-	1
Small boats, gasoline	1,565	895	-	407	263
Small boats, diesel oil	2,763	2,763	-	-	-
Aviation fuel	237,012	112,951	64,141	26,570	33,350
Other fuel	30,721	2,323	362	12,897	15,140

Source: Hawaii State Department of Taxation, Tax Research & Planning, "Liquid Fuel Tax Base & Tax Collections - CY Ending December 31, 2014" <<http://files.hawaii.gov/tax/stats/monthly/2014cy-fuels-base.pdf>> accessed May 13, 2015.

**Table 17.17-- GASOLINE STATIONS (NAICS 447), BY COUNTY:  
1998 TO 2012**

[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]

<b>Year</b>	<b>State total</b>	<b>City and County of Honolulu</b>	<b>Hawaii County</b>	<b>Kauai County</b>	<b>Maui County</b>
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
2011	283	168	61	16	38
2012	283	174	58	14	37

Source: U.S. Census Bureau, *County Business Patterns, Hawaii* (annual). See also <http://factfinder.census.gov/> accessed April 16, 2015.

**Table 17.18-- BOILERS AND PRESSURE VESSELS, BY ISLAND:  
2011 AND 2012**

[As of December 31]

<b>Island</b>	<b>Total</b>	<b>Power boilers</b>	<b>Heating boilers</b>	<b>Pressure vessels</b>
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 2012**

[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	2007	343.6	8.0
2001	293.1	2.8	2008	347.8	3.1
2002	375.2	6.4	2009	378.7	25.3
2003	349.6	1.9	2010	389.4	38.1
2004	392.6	7.0	2011	403.5	23.3
2005	384.4	43.8	2012	382.5	15.4
2006	340.1	5.6			

Source: National Science Foundation/Division of Science Resources Statistics, *Federal Funds for Research and Development* <<http://www.nsf.gov/statistics/nsf14316/pdf/tab100.pdf>> accessed April 16, 2015.

**Table 17.20-- PRIVATE SECTOR TECHNOLOGY JOBS AND EARNINGS: 2007 TO 2014**

[Jobs includes paid employees and proprietors. Revised from previous *Data Book* 2007-2013]

	2007	2008	2009	2010	2011	2012	2013	2014	Earnings in 2014 1/
Technology sector	23,790	24,271	23,947	23,501	23,545	23,925	23,897	24,089	77,297
Computer services	6,370	6,476	6,570	6,381	6,295	6,408	6,390	6,350	82,079
Engineering and related services	6,241	6,228	6,003	5,911	5,969	6,076	6,095	6,115	85,986
Technical consulting services	3,923	4,032	3,963	4,095	4,126	4,280	4,328	4,378	62,758
Research & development services	2,647	2,829	2,831	2,594	2,589	2,547	2,437	2,448	80,877
Research and development in biotechnology	672	706	678	658	693	689	615	631	72,031
Information and telecommunications technology	1,494	1,445	1,298	1,292	1,247	1,314	1,411	1,564	67,643
Medical labs and imaging centers	1,719	1,719	1,689	1,698	1,742	1,703	1,692	1,653	63,248
Technology equipment distribution	789	863	853	801	776	785	770	765	94,767
Technology manufacturing	607	678	740	730	803	813	776	817	72,826
Alternate power generation	21	17	13	13	11	24	27	25	96,237
Chemical & pharmaceutical manufacturing	102	83	112	107	98	115	155	166	90,745
Other technology manufacturing	85	102	90	97	134	166	134	140	85,100
Medical device manufacturing	399	476	524	513	560	508	460	485	61,945

1/ Earnings include wages and salaries, supplements to wages and salaries, and proprietors' income.

Source: Hawaii State Department of Business, Economic Development and Tourism, records.

**Table 17.21-- TOP 30 STATES FOR TECHNOLOGY AND SCIENCE INDEX: 2014**

[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	86.59	1
Maryland	81.48	2
California	76.64	3
Colorado	74.60	4
Utah	74.01	5
Washington	72.71	6
Virginia	71.58	7
New Hampshire	66.88	8
Connecticut	65.51	9
Delaware	65.34	10
New York	64.99	11
Minnesota	64.35	12
Rhode Island	64.20	13
Pennsylvania	63.06	14
North Carolina	62.04	15
New Jersey	61.32	16
Oregon	59.55	17
Vermont	58.99	18
Arizona	58.96	19
Texas	58.56	20
Illinois	58.27	21
Michigan	57.10	22
Georgia	55.03	23
New Mexico	54.91	24
Wisconsin	53.90	25
Ohio	51.72	26
Indiana	50.40	27
Kansas	49.47	28
North Dakota	48.72	29
Nebraska	48.15	30
<b>Hawaii</b>	<b>44.37</b>	<b>35</b>

Source: Milken Institute "State Technology and Science Index: Enduring Lessons for the Intangible Economy 2014" 2014 Overall Ranking <<http://statetechandscience.org/state-tech-and-science-report-2014.pdf>> accessed May 13, 2015.

**Table 17.22-- RESEARCH AND NON-RESEARCH EXTRAMURAL FUNDING,  
FOR THE UNIVERSITY OF HAWAII: 1991-1992 TO 2013-2014**

[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
2012-2013	1,801	409,783,318	1,006	222,207,539	795	187,575,779
2013-2014	1,774	392,314,955	1,081	238,286,786	693	154,028,169

Source: University of Hawaii, Office of Research Services, *2013-2014 Online Executive Managerial Report* <<http://www.ors.hawaii.edu/index.php/reports?catid=106&id=286>> accessed April 16, 2015 and previous reports.



**Table 17.23-- RESEARCH AND DEVELOPMENT EXPENDITURES AT DOCTORATE-GRANTING INSTITUTIONS: 1991 TO 2013**

[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
2012	335,704	215,593	16,406	21,389	6,642	67,934	7,740
2013	343,802	241,600	11,812	73,645	3,863	6,270	6,612

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://ncesdata.nsf.gov/herd/2013/>> accessed June 1, 2015.

**Table 17.24-- PATENTS ISSUED TO HAWAII RESIDENTS: 1992 TO 2014**

Year	Patents	Year	Patents	Year	Patents
1992	81	2000	93	2008	101
1993	106	2001	107	2009	96
1994	99	2002	91	2010	144
1995	84	2003	96	2011	128
1996	104	2004	86	2012	131
1997	93	2005	58	2013	146
1998	93	2006	101	2014	160
1999	97	2007	82		

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](http://www.uspto.gov/web/offices/ac/ido/oeip/taf/cst_all.htm)> accessed May 20, 2013; and *Patent Counts by Origin and Type Calendar Year* <[http://www.uspto.gov/web/offices/ac/ido/oeip/taf/st\\_co\\_14.htm](http://www.uspto.gov/web/offices/ac/ido/oeip/taf/st_co_14.htm)> accessed May 12, 2015.

**Table 17.25-- ASTRONOMY AND RELATED FACILITIES AT  
THE SUMMITS OF MAUNA KEA AND HALEAKALA: 2014**

Facility (mirror diameter in meters)	Capital cost 1/ (\$ mil)	Annual operating cost (\$ mil)	County based staff	Opera- tional
Mauna Kea observatories				
Total	611	82.7	497	(X)
UH 2.2-m (Optical/Infrared)	5	1.5	6	1970
Canada-France-Hawaii 3.6-m (Optical/Infrared)	30	7.2	44	1979
NASA IRTF 3.0-m (Infrared)	10	4.3	19	1979
United Kingdom 3.8-m (Infrared)	5	1.4	5	1979
James Clerk Maxwell 15-m Submillimeter	32	6.0	43	1986
Caltech 10.4-m Submillimeter	10	0.6	5	1986
VLBA Antenna 25-m (Radio)	7	0.4	2	1992
W.M. Keck Observatory (Keck I & II) 10-m x 2 (Optical/Infrared)	170	13.8	118	1992/1996
Subaru (Japan National Large Telescope) 8-m (Optical/Infrared)	170	26.0	96	1999
Fredrick C. Gillett Gemini 8m (Optical/Infrared)	92	13.8	94	1999
Submillimeter Array 8x6-m	80	5.5	24	2003
Mauna Kea Observatories Support Services	(X)	2/ 4.9	41	1980
Haleakala observatories				
Total	349.7	40.4	167	(X)
Mees Solar Observatory	0.5	0.2	1	1963
Haleakala Observatories Projects	(NA)	0.5	4	(NA)
Maui Space Surveillance Site (MSSS) 3/ Ground-Based Electro-Optical Deep Space Surveillance (GEODSS)	250.0	26.3	117	1965
Faulkes 2-m Telescope	25.0	6.1	16	1983
Transportable Laser Ranging System (TLRS4)	10.0	0.6	2	2003
Panoramic Survey Telescope And Rapid Response System (Pan-STARRS)	0.6	0.5	5	2005
Haleakala Support Facilities	55.0	5.6	11	2009
	8.6	0.6	11	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: 2014**

<b>Route</b>	<b>Description</b>	<b>Miles</b>
OAHU		
Interstates		
H-1	Queen Lili'uokalani Freeway, Lunalilo Freeway	27.14
H-2	Veterans Memorial Freeway	8.32
H-3	John A. Burns Freeway	15.31
H-201	Moanalua Freeway	4.08
State Routes		
61	Pali Hwy, Kalaniana'ole Hwy, Kailua Rd.	10.60
63	Kalihi St, Likelike Hwy	8.30
72	Kalaniana'ole Hwy	18.43
83	Kam. Hwy, Kahekili Hwy, Likelike Hwy	43.92
92	Nimitz Hwy, Ala Moana Blvd	9.25
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, Kalaniana'ole 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/	21.82
190	Mamalahoa Hwy, Palani Rd	38.97
200	Saddle Rd 2/	43.20
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: 2014 -- Con.**

<b>Route</b>	<b>Description</b>	<b>Miles</b>
<b>KAUAI</b>		
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
<b>MOLOKAI</b>		
State Routes		
450	Kamehameha V Hwy	27.50
460	Kaunakakai PI & Maunaloa Hwy	16.55
<b>LANAI</b>		
State Routes		
440	Kaumalapau Hwy & Manele Rd	13.17

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 miles proposed.

Source: Hawaii State Department of Transportation, Highways Division, State Route System Straight Line Diagrams 2009 <[http://hwygis.dot.hawaii.gov/infostructure/index\\_files/Page532.htm](http://hwygis.dot.hawaii.gov/infostructure/index_files/Page532.htm)> accessed on July 16, 2013 and records.



**Table 18.02-- LENGTH OF STREETS AND HIGHWAYS, PAVED AND UNPAVED, BY ISLAND: 2012 TO 2014**

[As of December 31. Excludes private roads and military roads not regularly open to public use]

Island	Total mileage	Paved		Unpaved
		Freeways	Other	
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	-	-	-	-
2013				
State total	4,430.13	88.53	4,169.19	172.41
Hawaii	1,495.79	-	1,436.49	59.30
Maui	642.58	-	585.88	56.70
Lanai	47.80	-	33.80	14.00
Molokai	136.13	-	124.13	12.00
Oahu	1,668.14	88.53	1,571.69	7.92
Kauai	439.69	-	417.20	22.49
Niihau	-	-	-	-
2014				
State total	4,439.43	88.49	4,178.53	172.41
Hawaii	1,498.96	-	1,439.66	59.30
Maui	643.76	-	587.06	56.70
Lanai	48.21	-	34.21	14.00
Molokai	136.12	-	124.12	12.00
Oahu	1,671.41	88.49	1,575.00	7.92
Kauai	440.97	-	418.48	22.49
Niihau	-	-	-	-

Source: Hawaii State Department of Transportation, Highways Division, records.

**Table 18.03-- HIGHWAY BRIDGES, BY ISLAND: DECEMBER 31, 2014**

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: 2009 TO 2014**

Area	Number of bridges	Deficient and obsolete					
		Total		Structurally deficient 1/		Functionally obsolete 2/	
		Number	Percent	Number	Percent	Number	Percent
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
2013							
U.S.	607,751	147,870	24.3	63,522	10.5	84,348	13.9
Hawaii	1,125	494	43.9	144	12.8	350	31.1
2014							
U.S.	610,749	145,890	23.9	61,365	10.0	84,525	13.8
Hawaii	1,137	483	42.5	61	5.4	422	37.1

1/ Bridges are structurally deficient if they have been restricted to light vehicles, require immediate rehabilitation to remain open, or are closed.

2/ Bridges are functionally obsolete if they have deck geometry, load carrying capacity, clearance or approach roadway alignment that no longer meet the criteria for the system of which the bridge is a part.

Source: U.S. Department of Transportation, Federal Highway Administration, Structures, Deficient Bridges by State and Highway System <<http://www.fhwa.dot.gov/bridge/deficient.cfm>> accessed June 16, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 18.05-- HIGHWAY TUNNEL LENGTHS: DECEMBER 31, 2014**

Island and name of tunnel	Length (feet)
Oahu	
Pali, Honolulu side	1,000
to Honolulu from Honolulu	1,080
Pali, Kailua side	500
to Honolulu from Honolulu	497
Wilson	2,775
to Honolulu from Honolulu	2,813
H-3	4,890
to Honolulu from Honolulu	5,165
H-3, Hospital Rock	353
to Honolulu 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:  
2004 TO 2014**

[Taxable and exempt vehicles. Includes vehicles registered but subsequently scrapped or shipped out of State]

Year	All vehicles registered	Motor vehicles			
		All motor vehicles	Passenger vehicles 1/	Ambulances, hearses, patrol wagons	Buses
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
2013	1,371,341	1,341,152	1,089,709	98	2,669
2014	1,312,445	1,284,193	1,042,818	105	2,565
		<b>Motor vehicles -- continued</b>			
Year	Trucks 1/	Truck tractors, tow trucks	Truck crane, misc.	Motorcycles, motor-scooters 2/	Trailers and semi-trailers
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
2013	203,790	1,329	2,377	41,180	30,189
2014	196,892	1,405	2,637	37,771	28,252

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 2014**

[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]

<b>Year</b>	<b>State total</b>	<b>City and County of Honolulu</b>	<b>County of Hawaii</b>	<b>County of Kauai</b>	<b>County of Maui</b>
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
2013	1,341,152	848,567	208,624	90,351	193,610
2014	1,284,193	816,738	199,336	85,652	182,467

Source: Hawaii State Department of Transportation, Safe Communities Program, records.

**Table 18.08-- VEHICLE REGISTRATION, BY TYPE OF VEHICLE,  
BY COUNTY: 2014**

[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	1,312,445	829,154	207,722	89,050	186,519
Motor vehicles	1,284,193	816,738	199,336	85,652	182,467
Passenger vehicles 1/	1,042,818	683,198	153,699	61,238	144,683
Ambulances	105	57	19	12	17
Buses	2,565	2,000	291	82	192
Trucks 1/	196,892	102,963	39,478	21,864	32,587
Truck tractors	1,405	692	201	432	80
Truck cranes	2,637	2,355	137	69	76
Motorcycles, motorscooters 2/	37,771	25,473	5,511	1,955	4,832
Trailers and semi-trailers	28,252	12,416	8,386	3,398	4,052

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: 2014**

[Includes vehicles registered but subsequently scrapped or shipped out of State. Excludes trailers, semi-trailers and motorcycles]

<b>Taxation status</b>	<b>State total</b>	<b>City and County of Honolulu</b>	<b>County of Hawaii</b>	<b>County of Kauai</b>	<b>County of Maui</b>
Total registered	1,246,422	791,265	193,825	83,697	177,635
Taxable vehicles	1,131,772	682,510	191,397	82,553	175,312
Exempt vehicles	114,650	108,755	2,428	1,144	2,323
Federal government	419	410	7	-	2
State government	6,533	6,532	-	-	1
County government	7,885	5,025	1,031	618	1,211
Fire department	335	60	147	62	66
Police department	1,913	1,340	416	28	129
Consulates	61	59	2	-	-
Disabled veterans	321	46	269	5	1
Military non-resident	87,584	87,198	82	218	86
Farm	116	33	54	1	28
Horseless carriage	66	51	4	11	-
Electric vehicles	3,253	2,394	150	106	603
National Guard	6,164	5,607	266	95	196

Source: Hawaii State Department of Transportation, Safe Communities Program, records.



**Table 18.10-- VEHICLES AVAILABLE TO OCCUPIED HOUSING UNITS,  
BY COUNTY: 2013**

[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]

<b>Vehicles available</b>	<b>State total</b>	<b>Hawaii</b>	<b>Honolulu</b>	<b>Kauai</b>	<b>Maui</b>
Occupied units	450,120	64,929	308,800	22,386	53,946
None	40,575	3,013	32,957	1,032	3,555
1	151,884	22,124	106,341	6,479	16,909
2	166,776	27,210	107,488	9,444	22,624
3	55,206	9,113	36,760	3,467	5,866
4 or more	35,679	3,469	25,254	1,964	4,992

Source: U.S. Census Bureau, 2013 American Community Survey 1-Year Estimates  
<<http://www.census.gov/acs/www/>> accessed June 16, 2015.

**Table 18.11-- TRUCK CHARACTERISTICS: 1987 TO 2002**

Category (100 percent)	Selected characteristic	Percent of category			
		1987	1992	1997	2002
Total trucks (1,000)		160.8	280.3	294.2	351.4
Business 1/ Body type	Personal transportation Pickup, mini-van, other light van, and sport utility	60.5	61.7	70.1	74.0
Vehicle size	Light	91.2	93.8	94.9	95.9
Annual miles	Less than 10,000 2/	94.6	95.6	95.9	96.9
Model year	Over 4 years old	57.0	50.0	44.3	51.1
Vehicle acquisition	New	62.1	66.8	74.1	68.0
Truck type	Single-unit, 2 axles 3/	49.6	54.3	48.3	50.4
Range of operation	50 miles or less	96.4	96.6	97.7	98.1
Fuel type	Gasoline	80.2	79.3	81.2	70.5
		94.6	94.6	95.1	93.7

1/ Comparability of estimates may vary across survey years due to changes in category definitions.

2/ Includes vehicles not in use.

3/ Excludes truck-tractors not in use.

Source: U.S. Bureau of the Census, *Truck Inventory and Use Survey, 1992 Census of Transportation*, TC92-T-12 (December 1994), table 2 <<http://www.census.gov/prod/1/trans/92trkinv/tct12.pdf>>; U.S. Census Bureau, *2002 Economic Census, Vehicle Inventory and Use Survey, Geographic Area Series, Hawaii*, EC02TV-HI (October 2004), tables 1a and 2a <<http://www.census.gov/svsd/www/02vehinv.html>> accessed May 12, 2005.

**Table 18.12-- NEW RETAIL LIGHT VEHICLE REGISTRATIONS:  
1989 TO 2014**

Year	Number	Year	Number	Year	Number
1989	57,456	1998	40,673	2007	54,492
1990	54,544	1999	45,054	2008	41,184
1991	47,783	2000	51,500	2009	1/ 32,878
1992	44,865	2001	51,388	2010	1/ 32,649
1993	45,249	2002	53,314	2011	1/ 35,576
1994	44,175	2003	62,712	2012	1/ 42,463
1995	41,083	2004	65,882	2013	1/ 48,721
1996	41,480	2005	70,268	2014	54,162
1997	42,487	2006	67,224		

1/ Data revised from previous *Data Book*.

Source: Hawaii Automobile Dealers Association, *HawaiiDealer 2015 First Quarter Edition* and previous editions.

**Table 18.13-- NEW RETAIL CAR AND LIGHT TRUCK (VAN)  
REGISTRATIONS, BY NAMEPLATE: 2012 TO 2014**

<b>Nameplate</b>	<b>2012 1/</b>	<b>2013 2/</b>	<b>2014</b>
Total	42,506	48,721	54,162
Toyota/Scion	11,402	12,456	14,580
Honda	5,583	7,144	7,592
Nissan	4,259	4,925	5,752
Ford	3,145	4,040	4,326
Kia	1,310	1,461	1,955
Chevrolet	1,833	1,767	1,911
Mazda	1,518	1,879	1,884
Hyundai	1,899	1,830	1,858
BMW	1,196	1,576	1,613
Lexus	1,237	1,350	1,607
Subaru	607	1,063	1,499
Jeep	894	1,088	1,327
Mercedes	1,081	1,051	1,279
Dodge	777	1,174	1,246
Acura	851	960	861
Volkswagen	1,024	1,028	855
Ram	346	416	629
Audi	432	407	485
GMC	442	443	477
MINI	562	504	441
Infiniti	310	263	285
Cadillac	158	264	239
Chrysler	322	315	235
Porsche	143	162	194
All others	267	189	189
Volvo	220	180	173
Land Rover	117	132	142
Mitsubishi	172	159	124
Fiat	164	115	119
Buick	105	92	109
Telsa	7	167	86
Lincoln	71	86	59
Jaguar	52	35	31

1/ Data for 2012 has been revised with total of 42,463 but specific breakdown not published.

2/ Revised from previous *Data Book*.

Source: Hawaii Automobile Dealers Association, *HawaiiDealer, 2014 First Quarter and 2015 First Quarter*.

**Table 18.14-- NEW RETAIL CAR AND LIGHT TRUCK (VAN)  
REGISTRATIONS, BY PLACE OF MANUFACTURE: 2012 TO 2014**

<b>Type and place of manufacture</b>	<b>2012 1/</b>	<b>2013 2/</b>	<b>2014</b>
Total	42,506	48,721	54,162
Car	21,925	24,761	26,504
Light truck	20,581	23,960	27,658
Domestic Brands	8,105	9,860	10,658
European Brands	5,129	5,315	5,504
Japanese Brands	26,063	30,255	34,187
Korean Brands	3,209	3,291	3,813

1/ Data for 2012 has been revised with total of 42,463 but specific breakdown not published.

2/ Revised from previous *Data Book*.

Source: Hawaii Automobile Dealers Association, *HawaiiDealer*, 2014 First Quarter and 2015 First Quarter.

**Table 18.15-- HAWAII DRIVERS LICENSES IN FORCE, BY COUNTY:  
1991 TO 2014**

[As of December 31]

<b>Year</b>	<b>State total</b>	<b>City and County of Honolulu</b>	<b>County of Hawaii</b>	<b>County of Kauai</b>	<b>County of Maui</b>
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
2013	904,500	612,380	128,537	52,998	110,585
2014	902,590	607,823	129,753	53,350	111,664

Source: Hawaii State Department of Transportation, Motor Vehicle Safety, records.

**Table 18.16-- HAWAII DRIVERS LICENSES IN FORCE, BY AGE  
AND SEX: 2013 AND 2014**

[As of December 31]

Years of age	Both sexes		Male		Female	
	2013	2014	2013	2014	2013	2014
Total	904,500	902,590	469,710	467,181	434,790	435,409
15 to 19	23,805	23,322	12,443	12,175	11,362	11,147
20 to 24	67,544	64,362	35,962	34,162	31,582	30,200
25 to 29	76,398	71,024	39,716	36,667	36,682	34,357
30 to 34	83,705	82,652	42,737	41,991	40,968	40,661
35 to 39	77,098	77,485	39,536	39,555	37,562	37,930
40 to 44	80,471	78,670	41,482	40,456	38,989	38,214
45 to 49	81,215	80,264	41,762	41,234	39,453	39,030
50 to 54	87,052	86,576	45,062	44,824	41,990	41,752
55 to 59	86,760	87,123	44,530	44,569	42,230	42,554
60 to 64	80,321	81,664	41,874	42,266	38,447	39,398
65 to 69	65,368	69,186	34,513	36,455	30,855	32,731
70 to 74	41,633	45,740	22,196	24,304	19,437	21,436
75 to 79	24,448	25,462	12,715	13,200	11,733	12,262
80 to 84	16,825	16,769	8,559	8,561	8,266	8,208
85 to 89	9,283	9,378	4,994	4,952	4,289	4,426
90 to 94	2,353	2,659	1,478	1,635	875	1,024
95 to 99	221	254	151	175	70	79

Source: Hawaii State Department of Transportation, Motor Vehicle Safety, records.

**Table 18.17-- MOTOR VEHICLE FUEL CONSUMPTION AND VEHICLE MILES, 1992 TO 2014, AND BY COUNTY, 2013 AND 2014**

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
2013	523,856	391	12,078.2	9,006
2014	524,642	416	10,173.5	8,409
COUNTY: 2013				
Honolulu	318,109	375	7,387.8	8,706
Hawaii	93,952	450	2,025.4	9,708
Kauai	44,344	491	948.7	10,500
Maui	67,451	348	1,716.2	8,864
COUNTY: 2014				
Honolulu	308,700	378	6,185.3	7,583
Hawaii	101,350	508	1,683.1	8,432
Kauai	45,825	525	828.5	9,489
Maui	68,767	379	1,476.6	8,130

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**Table 18.17-- MOTOR VEHICLE FUEL CONSUMPTION AND VEHICLE MILES, 1992 TO 2014, AND BY COUNTY, 2013 AND 2014 -- 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: 2012 TO 2014**

[Annual average daily traffic (AADT), the average of 24 hour counts collected every day in the year, unless otherwise specified]

Site	Route	Milepoint	2012	2013	2014
Oahu					
H-1 west of Kualalalai Pkwy overpass	H-1	3.41	86,200	87,900	91,100
H-1 west of Kaonohi St overpass	H-1	11.74	235,400	232,300	234,200
H-1 at Halawa Stream bridge	H-1	13.54	107,400	106,600	107,500
H-1 at airport off-ramp	H-1	16.22	96,300	95,600	96,000
H-1 west of King St tunnel	H-1	18.77	59,800	58,500	58,900
H-1 at Kalihi interchange	H-1	19.27	159,000	158,400	161,600
H-1 at Kapalama drainage canal bridge	H-1	20.24	173,200	173,500	177,500
H-1 at McCully St overpass	H-1	23.55	132,500	133,100	131,400
H-1 at Manoa-Palolo drainage canal	H-1	24.60	105,900	107,600	108,100
H-2 south of Pineapple Rd overpass	H-2	4.02	93,000	94,000	93,900
H-3 west of North Halawa Valley bridge	H-3	1.28	47,000	47,400	48,100
H-3 west of Kamehaha Hwy interchange	H-3	10.37	26,200	26,500	27,000
Moanalua Freeway west of Kahuapaani St overpass	H-201	0.21	44,100	45,200	44,200
Moanalua Freeway west of Moanalua St bridge	H-201	3.19	98,900	97,600	95,800
Pali Hwy at tunnels	61	5.69	42,200	41,800	41,600
Likelike Hwy north of Valley View Drive	63	2.96	29,000	30,000	30,600
Sand Island Parkway north of Pascule bridge	64	1.41	12,700	12,500	13,200
Kalaniana'ole Hwy east of Ainakoa Ave	72	18.32	81,900	82,200	82,000
Kamehameha Hwy at Wilson Bridge	80	0.01	47,200	47,200	38,200
Kamehameha Hwy 1.6 miles northeast of Johnson Rd	83	30.59	11,700	11,900	12,000
Nimitz Hwy east of Sand Island Access Rd	92	4.04	58,500	59,000	62,200
Farrington Hwy at Makaha bridge #2	93	12.50	18,100	18,400	18,500
Kalaeloa Blvd south of H-1 on-ramp	95	0.20	32,500	33,200	34,689

Continued on next page.

**Table 18.18-- TOTAL 24-HOUR TRAFFIC VOLUMES AT SELECTED SURVEY SITES: 2012 TO 2014 -- Con.**

Site	Route	Milepoint	2012	2013	2014
Oahu con.					
Kamehameha Hwy at Kalauao bridge	99	20.67	52,300	53,300	49,300
Kunia Rd near Kunia Dr	750	4.81	13,500	14,100	13,800
Hawaii					
Volcano Rd near Ikaika St	11	5.29	39,200	39,900	40,500
Volcano Rd at Glenwood Park	11	19.66	5,800	6,000	6,300
Mamalahoa Hwy at states' south Kona baseyard	11	104.14	6,100	6,200	6,300
Queen Kaahumanu Hwy near Hualalai Rd	11	120.77	22,200	(NA)	23,800
Hawaii Belt Rd north of Kalaoa bridge	19	8.01	10,100	10,100	9,700
Queen Kaahumanu Hwy near Kaupulehu Dr	19	83.60	12,600	13,000	13,100
Queen Kaahumanu Hwy north of OTEC access Rd	19	93.74	22,500	23,500	24,000
Keaau-Paho Rd south of waste station Rd	130	2.51	26,600	(NA)	24,400
Maui					
Honoapiilani Hwy south of Kaanapali Pkwy	30	23.58	39,300	(NA)	40,500
Honoapiilani Hwy north of Kahana Kai bridge	30	28.37	(NA)	(NA)	15,673
Piilani Hwy near Lipoa Pkwy	31	6.97	31,500	33,000	32,700
Hana Hwy near Central Power Plant Rd	36	1.70	33,500	33,700	35,600
Hana Hwy near Baldwin Park	36	6.28	17,600	(NA)	18,200
Keolani Pl near Palapala Dr	36A	0.51	14,400	14,500	14,864
Kaleakala Hwy near North Firebreak Rd	37	0.61	28,800	29,200	29,900
North Kihei Hwy near 9th St	310	0.86	15,000	15,500	15,800
Mokulele Hwy near Nakii Rd	311	2.38	30,000	31,000	31,900
Kuihelani Hwy near Mauilani Pkwy	380	1.52	21,900	22,600	23,500

Continued on next page.

**Table 18.18-- TOTAL 24-HOUR TRAFFIC VOLUMES AT SELECTED SURVEY SITES: 2012 TO 2014 -- Con.**

Site	Route	Milepoint	2012	2013	2014
Kauai					
Kaumualii Hwy near Nani St	50	1.51	23,600	25,000	25,800
Kaumualii Hwy at Pune'e Rd	50	8.35	13,800	14,100	14,300
Kaumualii Hwy near Alawai Rd	50	22.37	10,600	10,700	10,700
Rice St near Moko'i St	51	0.79	13,900	13,800	14,500
Kuhio Hwy near Huilei Rd	56	2.40	14,700	15,600	14,700
Kuhio Hwy northwest of Kolo Rd and Kalamania Rd	56	23.53	13,800	14,200	14,400
Nawiliwili Rd near Kanani St	58	1.44	11,900	12,100	12,900
Akuhuni Rd near Palai St	570	0.31	11,400	11,200	12,000

NA Not available.

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	6,200	6,213	6,265
Arterial streets	3,095	3,100	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 1/				
Total fuel (1,000 gallons)	11,850	12,573	11,204	11,298
Fuel per peak auto commuter (gallons)	24	28	24	24
Annual delay 2/				
Total delay (1,000s of person-hours)	19,358	19,816	20,699	20,873
Delay per peak auto commuter (person-hours) 3/	42	42	45	45
Congestion cost 4/				
Total cost (\$ million)	391	404	423	427
Cost per peak auto commuter (\$)	873	888	920	928

1/ Increased fuel consumption due to travel in congested conditions rather than free-flow conditions.

2/ The overall size of the congestion problem. Measured by the total travel time above that needed to complete a trip at free-flow speeds.

3/ 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.

4/ 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 20, 2014.

**Table 18.20-- MAJOR TRAFFIC ACCIDENTS, TRAFFIC INJURIES, AND TRAFFIC DEATHS, 1995 TO 2013, AND BY COUNTY, 2012 AND 2013**

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	132
2001	10,872	133	8,647	140
2002	10,659	116	8,947	119
2003	11,289	117	9,088	133
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	7,940	107	6,434	113
2011	4,793	97	4,177	100
2012 3/	1,555	114	1,443	125
2013 4/	(NA)	94	(NA)	102
COUNTY: 2012 3/				
Honolulu	466	49	401	56
Hawaii	825	36	813	38
Kauai	240	6	201	8
Maui	24	23	28	23
COUNTY: 2013 4/				
Honolulu	(NA)	52	(NA)	56
Hawaii	(NA)	19	(NA)	23
Kauai	(NA)	7	(NA)	7
Maui	(NA)	16	(NA)	16

NA Not available.

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: 2010 TO 2012**

[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
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
2012, State total	175	122	70	53	30	6	4	47	27
Hawaii	52	36	68	17	32	3	5	14	27
Honolulu	84	61	72	23	28	3	3	21	25
Kauai	8	5	64	3	36	-	1	3	35
Maui	31	21	67	10	33	1	3	9	30

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 July 16, 2014.

**Table 18.22-- REGISTERED TAXICABS AND BICYCLES, BY ISLAND:  
2012 TO 2014**

Island	Taxicabs 1/			Bicycles and mopeds 2/		
	2012	2013	2014	2012	2013	2014
Hawaii	202	238	270	5,089	6,040	4,719
Maui	(NA)	3/ 27	(NA)	(NA)	1,426	(NA)
Lanai	(NA)	(NA)	(NA)	(NA)	15	(NA)
Molokai	(NA)	(NA)	(NA)	(NA)	23	(NA)
Oahu	1,632	1,814	(NA)	406,296	439,900	(NA)
Kauai 4/	-	-	-	2,782	2,743	(NA)

NA Not available.

1/ Taxicabs are licensed annually, except in Kauai County where registration is not required.

Maui data are for the County of Maui. Oahu data are for fiscal year July 1 to June 30.

2/ Bicycles with wheels having a diameter of 20 inches or more and all mopeds, both of which were formerly licensed on an annual basis, have, since November 1, 1988, been registered biennially; see SLH 1988, Act 264, sec. 1.

3/ Total for Maui, Lanai and Molokai; data are not available separately.

4/ As of January 1, 1999, bicycles are issued a permanent bicycle tag which is good for the life of the bicycle.

Source: Compiled by the Hawaii State Department of Business, Economic Development & Tourism. Data provided by the Department of Finance of the Counties of Hawaii, Maui and Kauai, and the Department of Customer Services of the City & County of Honolulu.



**Table 18.23-- PASSENGER CAR RENTAL AND LEASING  
(NAICS 53211): 1997 TO 2012**

[Includes only establishments with payroll. Statistics based on the North American Industry Classification System (NAICS)]

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
2012	116	26	45	16	29
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)
2012	728,725	108,308	(D)	96,896	(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](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; *2012 Economic Census, Real Estate and Rental and Leasing: Geographic Area Series: Summary Statistics for the U.S., States, Metro Areas, Counties, and Places: 2012* <<http://www.census.gov/econ/census/help/sector/gas.html>> accessed June 19, 2015.

**Table 18.24-- MOTOR CARRIER CHARACTERISTICS, BY COUNTY:  
2012 TO 2014**

[As of September]

County	Passenger carriers 1/			Property carriers 2/	
	Number of carriers	Number of vehicles	Seating capacity	Number of carriers	Number of vehicles
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
2013					
State total	1,729	6,304	150,521	6,154	31,557
Hawaii	291	950	22,486	1,353	5,291
Maui	237	1,042	25,580	916	3,849
Honolulu	1,108	3,986	94,783	3,288	20,314
Kauai	93	326	7,672	597	2,103
2014					
State total	1,776	6,493	153,099	6,106	31,297
Hawaii	290	954	22,652	1,339	5,233
Maui	242	1,048	25,700	910	3,827
Honolulu	1,153	4,169	97,135	3,260	20,135
Kauai	91	322	7,612	597	2,102

1/ Includes mostly tour bus operators; excludes public transit, school buses, taxicabs, and rental car companies.

2/ Includes truckers, moving companies, etc.

Source: Hawaii State Department of Transportation, Motor Vehicle Safety Office, records.

**Table 18.25-- PUBLIC TRANSIT, FOR OAHU: 1993 TO 2014**

[As of June 30. Service provided by City and County of Honolulu bus system]

<b>Year</b>	<b>Number of buses 1/</b>	<b>Bus mileage 2/</b>	<b>Total passengers 3/</b>	<b>Revenues (dollars)</b>
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
2013	526	20,310,301	69,242,214	55,038,042
2014	519	20,707,063	66,285,449	54,976,149

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 2015**

[As of July 1, 2015. 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 19, 2015.

**Table 18.27-- AIRPORTS AND HELIPORTS, BY CONTROL,  
BY ISLAND: 2014**

[As of December 31]

Island	Airports 1/				Helicopters 3/	
	State 2/		Military	Semi-private	State: commercial	Semi-private
	Com-mercial	General aviation				
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 2012**

[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
2012	214,947	9,014,375	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/](http://www.faa.gov/about/office_org/headquarters_offices/apl/aviation_forecasts/taf_reports/)> accessed June 20, 2014.

**Table 18.29-- AIRCRAFT OPERATIONS, BY TYPE OF AIRCRAFT, AT MAJOR STATE-OWNED AIRPORTS: 2011 TO 2013**

[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]

<b>Airport</b>	<b>Total operations</b>	<b>Air carrier</b>	<b>Air taxi</b>	<b>General aviation</b>	<b>Military</b>
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
2013					
Honolulu International	290,237	154,585	71,763	49,329	14,560
Kahului	128,303	45,018	61,623	18,998	2,664
Kona International	118,037	22,276	26,621	52,548	16,592
Lihue	126,302	26,194	68,938	24,857	6,313
Hilo International	94,311	14,933	46,536	18,434	14,408
Molokai	34,518	1,358	24,005	6,041	3,114
Kalaeloa	139,124	2	2	110,742	28,378

Source: Hawaii State Department of Transportation, Airports Division, records.

**Table 18.30-- AIRCRAFT OPERATIONS FOR SPECIFIED AIRPORTS:  
1991 TO 2013**

[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
2013	290,237	94,311	118,037	128,303	126,302	34,518

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: 2002 TO 2013**

[As of June 30. Includes both scheduled and nonscheduled service,  
and also commuter lines and other air taxi service]

<b>Service</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
All carriers	44	43	43	43	42	39
Transpacific only	30	30	32	32	32	30
Domestic	13	14	13	13	14	14
Foreign	17	16	19	19	18	16
Transpacific and interisland	3	2	2	2	2	2
Interisland only	11	11	9	9	8	7
Passenger carriers	4	4	4	4	4	3
Cargo and mail only	7	7	5	5	4	4
<b>Service</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
All carriers	37	39	33	37	38	36
Transpacific only	28	30	24	26	28	26
Domestic	13	12	11	12	16	14
Foreign	15	18	13	14	12	12
Transpacific and interisland	2	1	2	1	1	1
Interisland only	7	8	7	10	9	9
Passenger carriers	3	3	4	6	6	6
Cargo and mail only	4	5	3	4	3	3

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: 2012 TO 2014**

[Non-stop flights only, does not include charter flights]

<b>Airport</b>	<b>2012</b>	<b>2013 1/</b>	<b>2014</b>
State of Hawaii	10,206,731	10,896,815	11,262,943
Honolulu International	7,143,246	7,789,317	7,900,326
Kahului	1,782,041	1,843,928	1,975,832
Kona International	630,776	614,714	686,553
Hilo International	58,577	48,588	46,056
Lihu'e	592,091	600,268	654,176
Domestic	7,008,177	7,263,563	7,593,436
International	3,198,554	3,633,252	3,669,507

1/ Revised from previous *Data Book*.

Source: Hawaii Tourism Authority, Tourism Research, *Monthly Visitors Statistics December 2013* and Hawaii Tourism Authority, Tourism Research, *Monthly Visitor Statistics, December 2014*

<[http://www.hawaiitourismauthority.org/index.cfm?page=tourism\\_research&level1=tourism\\_research](http://www.hawaiitourismauthority.org/index.cfm?page=tourism_research&level1=tourism_research)>  
accessed June 16, 2015.

**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**

<b>Rank</b>	<b>Origin or destination</b>	<b>Daily Passengers (Average, Each Way)</b>	<b>Average One-Way Ticket Price 1/</b>
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 2013**

[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
2013	9,294,068	9,283,476	230,494	7,122,158

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: 2013**

Airport	Passengers 1/		Cargo (U.S. tons)		Mail (U.S. tons)	
	Departures	Arrivals	Outgoing	Incoming	Outgoing	Incoming
<b>OVERSEAS</b>						
Total	9,294,068	9,283,476	133,988	202,479	18,100	45,385
Honolulu	6,525,128	6,514,674	129,071	192,887	15,897	37,724
Kahului	1,632,197	1,634,611	1,213	7,654	637	3,485
Kona 2/	552,351	555,220	3,678	1,316	1,566	4,176
Lihue	538,438	538,879	21	620	-	-
Hilo	45,954	40,092	4	2	-	-
<b>INTERISLAND</b>						
Total	7,122,158	7,122,158	69,481	69,481	16,884	16,884
Honolulu	3,219,895	3,216,527	42,815	25,952	12,259	4,555
Kahului	1,412,147	1,421,932	5,096	13,103	1,637	4,444
Kona 2/	875,371	863,745	3,734	8,154	1,027	2,303
Lihue	819,125	814,285	4,716	10,111	816	2,596
Hilo	623,761	634,832	12,622	9,727	1,121	2,576
Molokai	84,196	86,400	211	680	-	-
Lanai	49,536	49,743	76	752	-	-
Kapalua	28,033	24,780	186	884	-	-
Kalaupapa	1,678	1,611	23	119	-	-
Hana	7,070	7,025	1	1	-	-
Waimea-Kohala	1,346	1,278	-	-	24	409

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 2013**

[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
2013	267,976	404,957	36,199	90,771	138,963	33,768

Source: Hawaii State Department of Transportation, Airports Division, records.



**Table 18.39-- NON-STOP FLIGHTS TO DEPART STATE OF HAWAII,  
BY DESTINATION: JULY 2014**

[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	4,485	Canada	
		Vancouver	84
U.S.	3,454	Japan	
West		Fukuoka	31
Anchorage	18	Nagoya	62
Bellingham	13	Osaka	93
Denver	70	Sendai	14
Eugene	4	Tokyo - Haneda	93
Fresno	9	Tokyo - Narita	273
Las Vegas	93	Other Asia	
Los Angeles	1,258	Beijing	26
Oakland	186	Seoul	92
Phoenix	252	Shanghai	31
Phoenix Mesa	9	Taipei	9
Portland	106	Oceania	
Sacramento	62	Auckland	33
Salt Lake City	31	Brisbane	17
San Diego	155	Melbourne	12
San Francisco	414	Sydney	75
San Jose	155	Other	
Seattle	297	Apia	4
Stockton	9	Christmas Island	5
East		Guam	31
Atlanta	31	Majuro	13
Chicago	35	Manila	14
Dallas / Fort Worth	123	Nadi	4
Houston	31	Pago Pago	11
New York	31	Papeete	4
Newark	31		
Washington, D.C.	31		

Source: Diio - Mi<sup>®</sup>, Hawai'i Tourism Authority, Tourism Research.

**Table 18.40-- ONE-WAY FARES FOR INTER-ISLAND FLIGHTS BY  
HAWAIIAN AIRLINES: 2009 TO 2013**

[As of July 1. Includes all taxes]

<b>Category</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Regular fare	218.10	191.20	191.20	191.30	191.40
Lowest capacity-controlled fare	54.10	74.20	90.20	95.30	85.10

Source: Hawaiian Airlines, records.

**Table 18.41-- ANNUAL AVERAGE ROUND TRIP AIR FARES BETWEEN HONOLULU AND SELECTED DESTINATIONS: 2002 TO 2014**

[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	386	398	373	403	475	494	555
2003	346	345	378	426	444	518	558
2004	361	376	412	425	431	566	530
2005	370	372	405	399	444	578	567
2006	372	373	430	432	470	627	600
2007	395	385	432	405	420	604	610
2008	476	480	508	454	448	693	682
2009	441	425	448	388	388	681	723
2010	429	416	449	400	407	719	679
2011	507	490	468	424	478	835	708
2012	510	470	471	489	511	820	782
2013	532	527	498	476	492	783	834
2014	589	605	549	519	532	856	893

Source: United States Department of Transportation, Origin and Destination data from Diio - Mi<sup>®</sup>.

**Table 18.42-- STATE COMMERCIAL HARBORS: 2014**

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	1/ 2,749	2/ 122	2/ 906
Kawaihae	40	35	1,500	1,450	1,627	10	693
Maui							
Kahului	40	35	2,400	2,050	3,319	44	1,401
Molokai							
Kaunakakai	23	23	1,500	600	691	7.4	125
Lanai							
Kaunapali	60	30-50	800	500	400	-	100
Oahu							
Honolulu	} 45	40	{ 3,600	1,520	} 29,872	1,208	9,030
Main							
Kapalama							
Kalaheo	} 42	42	2,100	1,800	2,990	36	1,838
Barbers Point							
Kauai							
Nawiliwili	40	35	1,950	1,100	2,216	76	1,372
Port Allen	35	35	1,500	1,200	1,200	35	32

1/ Construction of Hilo Pier 4 (602 feet long) continuing through 2015.

2/ In 2015 Hilo Harbor, Pier 1 will have 40% of it's shed demolished.

Source: Hawaii State Department of Transportation, Harbors Division, records.

**Table 18.43-- HARBOR DEPTHS: 2012**

[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 2012, Part 4 Waterways and Harbors Pacific Coast, Alaska and Hawaii, Section 1 Freight Traffic* <<http://www.navigationdatacenter.us/wcsc/webpub12/webpubpart-4.htm>> accessed June 20, 2014.

**Table 18.44-- SMALL CRAFT MOORING FACILITIES,  
BY ISLAND: DECEMBER 31, 2014**

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			Light-houses	Greatest nominal range (naut. miles)	Highest above sea level (feet)	Highest Structure Height (feet)
	By control						
	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, 2014**

Subject	Number	Subject	Number
Registered vessels	12,034	Type of vessel	
Length		Aux. powered sailing vessel	983
Under 16 feet	3,861	Cabin motorboat	2,186
16 to less than 26 feet	6,332	Open motorboat	4,923
26 to less than 40 feet	1,634	Runabout	1,838
40 to 65 feet	200	Sail only	496
Over 65 feet	7	Houseboat	3
Hull material		Motor vessel over 65 feet in length	13
Aluminum	418	Thrill craft	1,012
Fiberglass / plastic	10,716	Other	580
Rubber / fabric	390	Uses	
Wood	386	Pleasure	11,225
Other	102	Commercial fishing	162
Steel	22	Charter fishing	9
Propulsion		Commercial passenger	201
Inboard	2,971	Other commercial	75
Outboard	4,914	Livery	48
Inboard / outboard	1,537	Dealer	9
Sail / inboard	601	Manufacturer	3
Sail / outboard	446	Youth group - fee exempt	64
Sail only	386	Government - fee exempt	220
Manual	68	Other	18
Other	58	Island where vessel is kept	
Waterjet	1,053	Hawaii	2,151
Mooring location		Kauai	1,282
Moored on water	2,684	Lanai	53
Moored on land	9,350	Maui	1,239
		Molokai	168
		Oahu	7,141

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:  
1998 TO 2014**

[Non-documented numbered vessels registered with the Hawaii State Department of Land & Natural Resources, Division of Boating & Ocean Recreation. Any mechanically propelled boat (including those with auxiliary engines), and any boat powered solely by sail if over eight feet in length, must be numbered. As of December 31]

<b>Year</b>	<b>Number of vessels</b>	<b>Year</b>	<b>Number of vessels</b>
1998	15,138	2007	15,094
1999	15,481	2008	16,744
2000	14,874	2009	15,709
2001	14,273	2010	14,847
2002	15,445	2011	14,073
2003	15,587	2012	13,328
2004	17,130	2013	13,928
2005	15,302	2014	12,034
2006	15,015		

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 2014**

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
2013	18	4	4	7	19	217.2
2014	12	3	3	3	12	7.5

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: 2011 AND 2012**

[Excludes domestic fishing craft]

Harbor	2011			2012		
	Total	18 feet and less	19 feet and more	Total	18 feet and less	19 feet and more
Hilo	1,009	632	377	637	470	167
Kawaihae	2,493	548	1,945	496	491	5
Kahului	1,650	1,229	421	903	813	90
Barbers Point	823	700	123	1,019	881	138
Honolulu	4,431	3,519	912	2,880	2,301	579
Nawiliwili	2,733	523	2,210	508	398	110
Kalaupapa	-	-	-	2	2	-
Kaunakakai	114	114	-	153	153	-
Port Allen	25	25	-	32	32	-

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 2 Trips and Drafts of Vessels*; *Waterborne Commerce of the United States Calendar Year 2012, Part 4 Waterways and Harbors Pacific Coast, Alaska and Hawaii, Section 2 Trips and Drafts of Vessels* <<http://www.navigationdatacenter.us/wcsc/webpub12/webpubpart-4.htm>> accessed June 20, 2014.

**Table 18.50-- SHIP ARRIVALS AND CARGO TONNAGE AT THE PORT OF HONOLULU: 1985 TO 2014**

[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/	861	6,781,058	2,316	3,162,839
2013 1/ 2/	729	7,454,768	1,923	3,333,040
2014 1/ 2/	(NA)	7,478,670	(NA)	3,843,904

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: 2009 TO 2014**

[Fiscal years ending June 30. Includes cruise ships from out-of-state  
and cruise ships home-ported in Hawaii]

<b>Type of passenger</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013 1/</b>	<b>2014</b>
In	222,460	213,304	420,649	240,245	176,996	195,038
Out	222,661	213,468	778,405	269,359	282,070	274,642

1/ Revised from previous year *Data Book*.

Source: Hawaii State Department of Transportation, Harbors Division, records.

**Table 18.52-- WATERBORNE COMMERCE FOR SPECIFIED HARBORS:  
1993 TO 2012**

[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
2012	1,968	1,837	4,711	10,046	14,321	1,947

Source: U.S. Army Corps of Engineers, Institute for Water Resources, *Waterborne Commerce of the United States Calendar Year 2012, Part 4 Waterways and Harbors Pacific Coast, Alaska and Hawaii, Section 1 Freight Traffic* <<http://www.navigatordatacenter.us/wcsc/webpub12/webpubpart-4.htm>> accessed June 20, 2014 and other annuals.

**Table 18.53-- WATERBORNE COMMERCE, FOREIGN AND DOMESTIC,  
FOR SPECIFIED HARBORS: 2012**

[In 1,000 short tons. Categories may not sum to totals because of rounding]

<b>Category</b>	<b>Hilo</b>	<b>Kawaihae</b>	<b>Kahului</b>	<b>Barbers Point</b>	<b>Honolulu</b>	<b>Nawiliwili</b>
All freight traffic	1,968	1,837	4,711	10,046	14,321	1,947
Foreign						
Inbound	12	-	15	7,399	800	10
Outbound	-	11	-	245	142	-
Canadian						
Inbound	-	-	-	264	20	-
Outbound	-	-	-	-	5	-
Domestic						
Coastwise	1,956	1,826	4,696	2,139	13,352	1,938
Receipts	1,299	1,128	2,747	439	7,379	1,208
Shipments	656	698	1,949	1,700	5,973	729
Internal, inbound, upbound	-	-	-	1	-	-

Source: U.S. Army Corps of Engineers, Institute for Water Resources, *Waterborne Commerce of the United States Calendar Year 2012, Part 4 Waterways and Harbors Pacific Coast, Alaska and Hawaii, Section 1 Freight Traffic* <<http://www.navigationdatacenter.us/wsc/webpub12/webpubpart-4.htm>> accessed June 20, 2014.

**Table 18.54-- WATERBORNE COMMERCE, BY SELECTED COMMODITIES,  
FOR SPECIFIED HARBORS: 2012**

[In 1,000 short tons. Categories may not sum to totals due to rounding]

Port and commodity	All commodities	Foreign		Canadian		Total	Domestic		
		Inbound	Outbound	Inbound	Outbound		Coastwise		Internal 1/
							Receipts	Shipments	
Hilo	1,968	12	-	-	-	1,956	1,299	656	-
Petroleum and petroleum products	421	12	-	-	-	408	408	-	-
Primary manufactured goods	27	-	-	-	-	27	24	3	-
Food and farm products	32	-	-	-	-	32	15	16	-
Manufactured equipment, machinery and products	1,471	-	-	-	-	1,471	838	633	-
Kawaihae	1,837	-	11	-	-	1,826	1,128	698	-
Petroleum and petroleum products	1	-	-	-	-	1	1	-	-
Primary manufactured goods	46	-	-	-	-	46	43	3	-
Food and farm products	113	-	-	-	-	113	75	38	-
Manufactured equipment, machinery and products	1,617	-	-	-	-	1,617	978	639	-
Kahului	4,711	15	-	-	-	4,696	2,747	1,949	-
Petroleum and petroleum products	481	11	-	-	-	469	467	2	-
Primary manufactured goods	57	2	-	-	-	55	50	5	-
Food and farm products	230	-	-	-	-	230	53	177	-
Manufactured equipment, machinery and products	3,863	2	-	-	-	3,861	2,163	1,698	-
Barbers Point	10,046	7,399	245	264	-	2,139	439	1,700	1
Petroleum and petroleum products	8,487	6,368	113	87	-	1,919	336	1,582	1
Primary manufactured goods	435	295	-	-	-	140	40	100	-
Food and farm products	(2/)	(2/)	-	-	-	(2/)	(2/)	-	-
Manufactured equipment, machinery and products	15	8	-	-	-	7	5	1	-
Honolulu	14,321	800	142	20	5	13,352	7,379	5,973	-
Petroleum and petroleum products	742	487	41	-	5	209	185	24	-
Primary manufactured goods	439	121	24	-	-	294	230	64	-
Food and farm products	1,632	56	34	20	-	1,520	1,117	404	-
Manufactured equipment, machinery and products	10,924	63	6	-	-	10,855	5,466	5,389	-

Continued on next page.



**Table 18.54-- WATERBORNE COMMERCE, BY SELECTED COMMODITIES,  
FOR SPECIFIED HARBORS: 2012 -- Con.**

Port and commodity	All commodities	Foreign		Canadian		Total	Domestic		
		Inbound	Outbound	Inbound	Outbound		Coastwise		Internal 1/
							Receipts	Shipments	
Nawiliwili	1,947	10	-	-	-	1,938	1,208	729	-
Petroleum and petroleum products	116	10	-	-	-	106	105	2	-
Primary manufactured goods	36	-	-	-	-	36	32	4	-
Food and farm products	23	-	-	-	-	23	20	4	-
Manufactured equipment, machinery and products	1,759	-	-	-	-	1,759	1,048	712	-

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 2012, Part 4 Waterways and Harbors Pacific Coast, Alaska and Hawaii, Section 1 Freight Traffic* <<http://www.navigationdatacenter.us/wcsc/webpub12/webpubpart-4.htm>> accessed June 20, 2014.

**Table 18.55-- TRANSPORTATION AND WAREHOUSING, EMPLOYMENT AND WAGES (NAICS 48-49), SELECTED CODES: 2013**

[Includes only establishments with payroll. Statistics based on the North American Industry Classification System (NAICS)]

NAICS code	Kind of business	Average establishments	Annual average employment	Total annual wages (\$1,000)	Annual wages per employee
	Total	964	25,730	1,165,996	45,317
481	Air transportation	81	8,290	461,075	55,617
4811	Scheduled air transportation	57	8,024	447,876	55,815
4812	Nonscheduled air transportation	24	266	13,200	49,639
483	Water transportation	21	1,716	106,332	61,968
484	Truck transportation	198	3,178	129,176	40,653
4841	General freight trucking	97	1,619	69,768	43,082
4842	Specialized freight trucking	101	1,558	59,409	38,129
485	Transit & ground passenger transp.	130	2,655	60,612	22,830
4854	School & employee bus transp.	18	1,048	22,960	21,909
4859	Other ground passenger transp.	54	1,073	23,543	21,938
487	Scenic & sightseeing transportation	210	3,966	130,131	32,810
4871	Scenic & sightseeing transp., land	42	1,671	53,266	31,872
4872	Scenic & sightseeing transp., water	142	1,858	55,298	29,761
4879	Scenic & sightseeing transp., other	26	437	21,567	49,372
488	Support activities for transportation	209	4,033	196,780	48,796
4881	Support activities for air transp.	53	2,039	64,102	31,444
4883	Support activities for water transp.	32	1,139	101,951	89,476
4885	Freight transportation arrangement	73	456	21,288	46,685
491	Postal service	5	10	216	21,265
492	Couriers & messengers	71	1,293	55,153	42,660
4921	Couriers and express delivery services	44	1,133	50,416	44,491
4922	Local messengers and local delivery	27	160	4,737	29,668
493	Warehousing & storage	40	589	26,521	45,001

Source: U.S. Department of Labor, Bureau of Labor Statistics, *Employment and Wages, Annual Averages 2013*, table 10 <<http://www.bls.gov/cew/cewbultn13.htm>> accessed June 23, 2015.

**Table 18.56-- SHIPMENT CHARACTERISTICS BY STATES OF ORIGIN  
AND DESTINATION: 2012**

Characteristics	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
Total originating in Hawaii	22,156	25,730	(1/)
Destination			
Hawaii	20,721	24,793	485
California	(1/)	(1/)	(1/)
Oregon	13	(1/)	(1/)
Washington	35	(1/)	(1/)
Mode of transportation			
Single modes	20,259	25,112	(1/)
Truck	11,256	14,514	199
Water	602	406	117
Air (includes truck and air)	1,027	150	81
Pipeline	7,366	10,030	(1/)
Multiple modes	1,896	618	272
Parcel, U.S. Postal Service or courier	934	17	22
Truck and water	957	597	230
Other multiple modes	(1/)	(1/)	(1/)
Distance shipped (miles)			
Less than 50	18,373	23,572	270
50 to 99	781	488	55
100 to 249	1,533	702	147
250 to 499	33	(1/)	(1/)
500 to 2,000	-	-	-
More than 2,000	(1/)	(1/)	(1/)
Commodity			
Agricultural products	673	276	55
Meat, poultry, fish, seafood, and their preparations	652	137	(1/)
Other prepared foodstuffs and fats and oils	1,445	823	65
Alcoholic beverages and denatured alcohol	663	169	10
Gasoline, aviation turbine fuel and ethanol	4,261	5,337	94
Fuel oils	4,871	6,836	(1/)
Other coal and petroleum products, NEC	627	686	8
Pharmaceutical products	1,508	(1/)	7
Wood products	235	118	5
Textiles, leather, and articles of textiles or leather	829	23	7
Machinery	395	21	1
Electronic and other electrical equipment and components and office equipment	468	38	(1/)

1/ Withheld because estimate did not meet publication standards.

Source: U.S. Census Bureau, *2012 Economic Census, 2012 Commodity Flow Survey*, various tables.

<<http://www.census.gov/econ/cfs/>> accessed June 26, 2015.

## 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 2012, 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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Narrative

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**Table 19.01-- FARMS, LAND IN FARMS, AND SELECTED ITEMS:  
2007 AND 2012**

Item	Unit	2007	2012
Farms	number	7,521	7,000
Land in farms	acres	1,121,329	1,129,317
Average size of farm	acres	149	161
Value of land and buildings 1/			
Average per farm	dollars	1,146,213	1,461,342
Average per acre	dollars	7,688	9,058
Estimated market value of all machinery and equipment 1/			
Total	\$1,000	304,997	307,994
Average per farm	dollars	40,666	43,999
Farms by size			
1 to 9	acres	4,813	4,412
10 to 49	acres	1,972	1,752
50 to 179	acres	423	480
180 to 499	acres	154	172
500 to 999	acres	44	57
1,000 or more	acres	115	127
Total cropland	farms	6,281	5,551
	acres	177,626	174,042
Harvested cropland	farms	6,044	5,293
	acres	103,120	99,031
Irrigated land	farms	2,810	2,498
	acres	58,635	81,813
Market value of agricultural products sold	\$1,000	513,626	661,347
Average per farm	dollars	68,292	94,478
Crops, including nursery and greenhouse crops	\$1,000	429,916	538,873
Livestock, poultry, and their products	\$1,000	83,711	122,474
Farms by value of sales			
Less than \$2,500		2,932	2,130
\$2,500 to \$4,999		1,012	902
\$5,000 to \$9,999		996	1,058
\$10,000 to \$24,999		1,143	1,397
\$25,000 to \$49,999		557	684
\$50,000 to \$99,999		353	323
\$100,000 or more		528	506

Continued on next page.

**Table 19.01-- FARMS, LAND IN FARMS, AND SELECTED ITEMS:  
2007 AND 2012 -- Con.**

Item	Unit	2007	2012
Farm by type of organization			
Family or individual		6,363	5,685
Partnership		437	446
Corporation		617	637
Other-cooperative, estate or trust, institutional, etc		104	232
Operators by days worked off farm			
None		1,903	2,223
Any		5,618	4,777
200 days or more		2,827	2,598
Operators by principal occupation			
Farming		3,861	3,642
Other		3,660	3,358
Average age of principal operator	years	58.6	60.4
Total farm production expenses 1/	\$1,000	486,648	659,262
Livestock and poultry			
Cattle and calves inventory	farms	1,142	1,314
	number	151,479	133,957
Beef cows	farms	853	1,173
	number	86,000	(D)
Milk cows	farms	15	12
	number	2,296	(D)
Cattle and calves sold	farms	713	711
	number	70,567	56,159
Hogs and pigs inventory	farms	225	231
	number	14,933	11,441
Hogs and pigs sold	farms	148	131
	number	20,569	12,529
Broilers and other meat-type chickens sold	farms	7	22
	number	(D)	2,639

Continued on next page.

**Table 19.01-- FARMS, LAND IN FARMS, AND SELECTED ITEMS:  
2007 AND 2012 -- Con.**

Item	Unit	2007	2012
Selected crops harvested			
Corn for grain	farms	14	15
	acres	3,115	5,198
	bushels	124,878	367,142
Sugarcane for sugar	farms	9	18
	acres	(D)	(D)
	tons	(D)	(D)
Pineapples harvested	farms	42	42
	acres	(D)	(D)
	tons	(D)	(D)
Vegetables harvested	farms	901	960
	acres	6,845	8,880
Potatoes	farms	15	38
	acres	7	26
Sweet potatoes	farms	94	143
	acres	297	882
Land in orchards	farms	4,443	3,488
	acres	36,652	35,832

D Withheld to avoid disclosing data for individual farms.

1/ Data are based on a sample of farms.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, 2012 Census of Agriculture, Vol.1, *Part 1, Hawaii* (May 2014), "Table 1. Historical Highlights: 2012 and Earlier Census Years", pp. 7-8.



**Table 19.02-- FARMS AND LAND IN FARMS, BY COUNTY: 2012**

Item	Unit	Hawaii	Honolulu	Kauai	Maui
Farms	number	4,282	999	591	1,128
Land in farms	acres	686,856	69,168	144,127	229,166
Average size of farm	acres	160	69	244	203
Value of land and buildings 1/					
Average per farm	dollars	1,280,898	1,396,597	1,853,486	1,998,208
Average per acre	dollars	7,985	20,171	7,600	9,836
Estimated market value of all machinery and equipment 1/					
Average per farm	\$1,000 dollars	157,140	56,851	33,961	60,042
	dollars	36,698	56,908	57,464	53,228
Farms by size					
1 to 9	acres	2,610	743	348	711
10 to 49	acres	1,141	162	156	293
50 to 179	acres	326	51	42	61
180 to 499	acres	106	22	20	24
500 to 999	acres	37	3	7	10
1,000 or more	acres	62	18	18	29
Total cropland	farms	3,398	835	416	902
	acres	72,028	22,200	30,236	49,578
Harvested cropland	farms	3,229	821	391	852
	acres	57,807	(D)	6,800	(D)
Irrigated land	farms	1,026	603	266	603
	acres	6,966	10,776	22,523	41,548
Market value of agricultural products sold	\$1,000	247,245	161,488	64,514	188,100
Average per farm	dollars	57,741	161,650	109,160	166,755
Crops, including nursery and greenhouse crops	\$1,000	156,384	145,313	55,696	181,480
Livestock, poultry, and their products	\$1,000	90,860	16,176	8,817	6,620

D Withheld to avoid disclosing data for individual farms.

1/ Data are based on a sample of farms.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *2012 Census of Agriculture, Vol.1, Part 11, Hawaii* (May 2014), "Table 1. County Summary Highlights: 2012", p.208-209.

**Table 19.03-- NUMBER OF FARMS, FARM ACREAGE, AND FARM EMPLOYMENT: 2000 TO 2012**

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
2012	7,000	1,129	(6/)	(6/)	6,500

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](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; U.S. Dept. of Agriculture, National Agricultural Statistics Service, *2012 Census of Agriculture, Vol.1, Part 1, Hawaii (May 2014)*, "Table 1. Historical Highlights: 2012 and Earlier Census Years", pp. 7-8; USDA National Agricultural Statistics Service, Reports *Farm Labor*, <[http://usda.mannlib.cornell.edu/usda/current/FarmLabo/FarmLabo-12-05-2013\\_revision.pdf](http://usda.mannlib.cornell.edu/usda/current/FarmLabo/FarmLabo-12-05-2013_revision.pdf)> accessed May 19, 2014.

**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 (unprocessed 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	609,520	2/ 553,862	44,200	(D)	509,662	55,658
2010	644,620	2/ 583,680	69,800	(D)	513,880	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.

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](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/)

Continued on next page.

**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
<b>Honolulu</b>					
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/)
<b>Kauai</b>					
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](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 (unpro- cessed cane)	Pine- apples 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	609,520	2/ 553,862	44,200	(D)	509,662	55,658
2010	644,620	2/ 583,680	69,800	(D)	513,880	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	-	(D)	130,887	19,078
1998	142,522	121,676	-	(D)	121,676	20,846
1999	144,470	121,939	-	(D)	121,939	22,531
2000	154,240	128,161	-	(D)	128,161	26,079
2001	160,258	134,380	-	(D)	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)	(3/)	-	(D)	(D)	(3/)
2010	(NA)	(3/)	-	(D)	(D)	(3/)
2011	(NA)	(3/)	-	(D)	(D)	(3/)

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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 (unpro- cessed cane)	Pine- apples 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)	(3/)	-	(D)	(D)	(3/)
2010	(NA)	(3/)	-	(D)	(D)	(3/)
2011	(NA)	(3/)	-	(D)	(D)	(3/)
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	(D)	27,825	4,000
1998	54,728	49,612	28,700	(D)	20,912	5,116
1999	57,933	53,390	26,600	(D)	26,790	4,543
2000	46,739	42,886	18,500	(D)	24,386	3,853
2001	40,790	38,292	12,900	(D)	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)	(3/)	14,200	(D)	(D)	(3/)
2010	(NA)	(3/)	-	(D)	(D)	(3/)
2011	(NA)	(3/)	-	(D)	(D)	(3/)

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 (unpro- cessed cane)	Pine- apples 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)	(3/)	30,000	(D)	(D)	(3/)
2010	(NA)	(3/)	69,800	(D)	(D)	(3/)
2011	(NA)	(3/)	78,100	(D)	(D)	(3/)

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/ 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](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	20.3	19.2
Number of crop farms				
Sugar	2	2	1	1
Pineapples	40	40	40	30
Vegetables and melons 1/	540	540	540	540
Fruits (excluding pineapples)	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 2/	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	239,375	242,970
Flowers and nursery products	94,662	76,814	71,100	69,600

D Data not shown separately to avoid disclosure of individual operations but combined and included with all other crops.

1/ Beginning 2007, ginger root, herbs, noni, kava (‘awa) and others combined and included in the Total (non-duplicated).

2/ 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](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 (ʻawa), 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](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]

<b>Crop</b>	<b>Acreage harvested</b>	<b>Yield per acre (1,000 lb.)</b>	<b>Production (1,000 lb.)</b>	<b>Farm price (cents per lb.)</b>	<b>Value of sales (\$1,000)</b>
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](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 2014**

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	-	-
2013	35,556	35,556	-	-
2014	35,556	35,556	-	-

Source: Hawaii Agriculture Research Center; Hawaiian Commercial & Sugar Company, records.

**Table 19.11-- LIVESTOCK INVENTORY, 1987 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
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](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	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	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.

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](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](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 2012,  
AND BY COUNTY, 2008 TO 2012**

County and year	Number of farms	Growing area					Wholesale value (\$1,000)
		Total (acres)	Green-house (1,000 sq. ft.) 1/	Artificial shade structure (1,000 sq. ft.)	Natural shade area (acres)	Open field (acres)	
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	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
2012	950	2,875	1,600	19,100	(NA)	2,400	69,100
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	(2/)	(2/)	(2/)	(2/)	(NA)	(2/)	(2/)
Honolulu	(2/)	(2/)	(2/)	(2/)	(NA)	(2/)	(2/)
Kauai	(2/)	(2/)	(2/)	(2/)	(NA)	(2/)	(2/)
Maui	(2/)	(2/)	(2/)	(2/)	(NA)	(2/)	(2/)
County, 2010							
Hawaii	(2/)	(2/)	(2/)	(2/)	(NA)	(2/)	(2/)
Honolulu	(2/)	(2/)	(2/)	(2/)	(NA)	(2/)	(2/)
Kauai	(2/)	(2/)	(2/)	(2/)	(NA)	(2/)	(2/)
Maui	(2/)	(2/)	(2/)	(2/)	(NA)	(2/)	(2/)

Continued on next page.

**Table 19.14-- FLORICULTURE AND NURSERY PRODUCTS, 1998 TO 2012,  
AND BY COUNTY, 2008 TO 2012 -- Con.**

County and year	Number of farms	Growing area					Wholesale value (\$1,000)
		Total (acres)	Green-house (1,000 sq. ft.) 1/	Artificial shade structure (1,000 sq. ft.)	Natural shade area (acres)	Open field (acres)	
County, 2011							
Hawaii	(2/)	(2/)	(2/)	(2/)	(NA)	(2/)	(2/)
Honolulu	(2/)	(2/)	(2/)	(2/)	(NA)	(2/)	(2/)
Kauai	(2/)	(2/)	(2/)	(2/)	(NA)	(2/)	(2/)
Maui	(2/)	(2/)	(2/)	(2/)	(NA)	(2/)	(2/)
County, 2012							
Hawaii	(2/)	(2/)	(2/)	(2/)	(NA)	(2/)	(2/)
Honolulu	(2/)	(2/)	(2/)	(2/)	(NA)	(2/)	(2/)
Kauai	(2/)	(2/)	(2/)	(2/)	(NA)	(2/)	(2/)
Maui	(2/)	(2/)	(2/)	(2/)	(NA)	(2/)	(2/)

NA Not available.

1/ Glass or glass substitute structure.

2/ 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 Field Office, *Hawaii Flowers & Nursery Products, Annual Summary*, (July 15, 2013)

<[http://www.nass.usda.gov/Statistics\\_by\\_State/Hawaii/Publications/Flowers\\_and\\_Nursery\\_Products/flower.pdf](http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Flowers_and_Nursery_Products/flower.pdf)>  
accessed February 28, 2014.

**Table 19.15-- FLORICULTURE AND NURSERY PRODUCTS, BY  
COMMODITY: 2012**

[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	45	1,000 dozens	348	3,342
Heliconias	52	1,000 dozens	46	517
Proteas	30	1,000 stems	1,059	922
Orchids				
Sprays, Dendrobiums	32	1,000 dozens	200	1,632
Potted, Dendrobiums	57	1,000 pots	521	3,017
Potted, Phalaenopsis	23	1,000 pots	170	1,315
Foliage				
Potted, dracaena	26	(X)	(NA)	2,833
Potted, palms	29	(X)	(NA)	3,883
Potted flowering plants				
Poinsettias	18	1,000 pots	249	1,260
Plant rentals	38	(X)	(NA)	4,728
Landscape plants 2/	134	(X)	(X)	21,083

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* (July 15, 2013)

<[http://www.nass.usda.gov/Statistics\\_by\\_State/Hawaii/Publications/Flowers\\_and\\_Nursery\\_Products/flower.pdf](http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Flowers_and_Nursery_Products/flower.pdf)>  
accessed February 28, 2014.

**Table 19.16-- OUT-OF-STATE SALES OF FLORICULTURE AND NURSERY PRODUCTS: 2008 TO 2012**

[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]

<b>Type</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
Total sales	43,230	35,570	30,370	29,340	29,670
Anthuriums, cut	5,800	4,720	4,500	4,200	4,200
Dendrobiums, sprays	3,100	2,500	2,400	2,400	2,500
Foliage, potted	9,400	7,700	6,500	7,000	7,900
Heliconias	1,000	900	900	800	700
Dendrobiums, potted	1,900	1,800	1,400	1,100	1,000
Proteas	1,500	1,500	1,400	1,200	1,100
Other flowers, nursery products	20,530	16,450	13,270	12,640	12,270

Source: USDA, National Agricultural Statistics Service, Hawaii Field Office, *Hawaii Flowers & Nursery Products, Annual Summary*. See also  
 <[http://www.nass.usda.gov/Statistics\\_by\\_State/Hawaii/Publications/Flowers\\_and\\_Nursery\\_Products/flower.pdf](http://www.nass.usda.gov/Statistics_by_State/Hawaii/Publications/Flowers_and_Nursery_Products/flower.pdf)>  
 accessed February 28, 2014.

**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](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](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 2014**

[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]

<b>Year 1/</b>	<b>Amount</b>	<b>Year 1/</b>	<b>Amount</b>
1998	478,201	2007	475,827
1999	501,501	2008	448,975
2000	519,272	2009	351,578
2001	499,896	2010	339,035
2002	522,418	2011	399,078
2003	543,561	2012	401,496
2004	550,949	2013	392,735
2005	591,329	2014	394,631
2006	445,679		

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://files.hawaii.gov/tax/stats/monthly/2014cy-ge.pdf>>.

**Table 19.19-- AGRICULTURAL CHEMICALS USED, INCLUDING FERTILIZER:  
2007 AND 2012**

<b>Chemicals used</b>	<b>Unit</b>	<b>2007</b>	<b>2012</b>
Any fertilizer, manure, or chemicals used	farms	5,742	4,457
Manure used	farms	705	634
	acres on which used	3,859	5,165
Any fertilizer or chemical expense	farms	6,158	5,101
	\$1,000	47,046	79,577
Commercial fertilizer, lime and soil conditioners used	farms	4,785	3,450
	acres on which used	116,530	109,503
Commercial fertilizer, lime and soil conditioners expenses	farms	5,653	4,428
	\$1,000	29,807	46,584
Chemical expenses	farms	4,207	4,487
	\$1,000	17,238	32,993
Chemicals used to control			
Insects	farms	2,012	2,349
	acres on which used	33,474	30,417
Nematodes	farms	253	379
	acres on which used	6,889	4,089
Diseases in crops and orchards	farms	836	963
	acres on which used	9,716	9,143
Weeds, grass, or brush	farms	3,053	3,299
	acres on which used	98,108	114,713
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate	farms	255	338
	acres on which used	15,677	19,000

Source: U.S. Department of Agriculture, *2012 Census of Agriculture, Hawaii*, (May 2014), 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](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](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](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, *2012 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

<a href="#">20.01</a>	Forest and Natural Area Acreage, by Island: June 30, 2014
<a href="#">20.02</a>	Woodland on Farms, 2002, 2007 and 2012, and by County, 2012
<a href="#">20.03</a>	Forest and Brushland Fires, by Cause of Fire: 2012 to 2014
<a href="#">20.04</a>	Commercial Fishing: 2003 to 2014
<a href="#">20.05</a>	Commercial Fish Catch, by Species: 2012 to 2014
<a href="#">20.06</a>	Commercial Sea Landings, by Island: 2012 to 2014
<a href="#">20.07</a>	Commercial Sea Landings, by Fishing Method: 2012 to 2014
<a href="#">20.08</a>	Mineral Industries (NAICS 21): 1982 to 2007
<a href="#">20.09</a>	Nonfuel Mineral Production: 2009 to 2011
<a href="#">20.10</a>	Crushed Stone Sold or Used: 2009 to 2011

**Table 20.01-- FOREST AND NATURAL AREA ACREAGE, BY ISLAND:  
JUNE 30, 2014**

Island	Conservation district forest land		Natural areas	
	Forest reserve land 1/	Private forest land 2/	Number of areas	Acres
State total	649,667	328,742	20	123,810
Hawaii	446,766	106,745	8	94,954
Maui	68,220	53,180	5	18,543
Kahoolawe	-	-	-	-
Lanai	-	6,150	-	-
Molokai	11,690	-	2	2,950
Oahu	36,817	88,817	3	2,148
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, 2002, 2007 AND 2012, AND BY COUNTY, 2012**

[Acres]

Use	2002	2007	2012				
			State total	Hawaii	Honolulu	Kauai	Maui
Total	117,685	79,041	92,734	57,747	(D)	6,972	(D)
Pastured	41,467	22,570	23,766	10,823	(D)	374	(D)
Not pastured	76,218	56,471	68,968	46,924	(D)	6,598	(D)

D Withheld to avoid disclosing data for individual farms.

Source: U.S. Department of Agriculture, 2007 Census of Agriculture, Hawaii, (February 2009), p. 240.  
 2012 Census of Agriculture, Hawaii, (February 2014) p. 217.

**Table 20.03-- FOREST AND BRUSHLAND FIRES, BY CAUSE OF FIRE:  
2012 TO 2014**

Cause of fire	Number of fires			Acres burned		
	2012	2013	2014	2012	2013	2014
State total	12	6	8	5,526	782	634
Lightning	-	-	1	-	-	2
Campfire	-	3	-	-	3	-
Smoking	-	-	-	-	-	-
Debris burning	-	-	-	-	-	-
Arson	-	-	-	-	-	-
Equipment	-	-	-	-	-	-
Railroads	-	-	-	-	-	-
Children	-	-	1	-	-	550
Miscellaneous	12	3	6	5,526	779	82

Source: Hawaii State Department of Land and Natural Resources, Division of Forestry and Wildlife, Fire Management Program and records.

**Table 20.04-- COMMERCIAL FISHING: 2003 TO 2014**

[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	33,032,579	(1/)	(1/)
2012	3,992	31,786,440	(1/)	(1/)
2013	3,970	2/ 33,761,150	(1/)	(1/)
2014	3,930	36,237,755	(1/)	(1/)

1/ Due to revisions to the commercial fishing report forms in October 2002, licensed commercial fishers no longer report ex-vessel landing values. The latter information is collected from a fish dealer reporting system. The Division of Aquatic Resources is developing an application to integrate the fishing and fish dealer reporting systems to summarize landings with ex-vessel landing value information. Therefore, only total landings reported by commercial fishers are available at this time.

2/ Revised from previous *Data Book*.

Source: Hawaii State Department of Land and Natural Resources, Division of Aquatic Resources, *Commercial Fish Landings for Fiscal Year* (annual) and records.

**Table 20.05-- COMMERCIAL FISH CATCH, BY SPECIES: 2012 TO 2014**

[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	2012	2013 1/	2014
Total catch	31,786,440	33,761,150	36,237,755
Tunas	19,516,556	21,584,628	21,109,085
Aku (skipjack)	983,209	1,216,613	957,346
Tombo	1,706,993	1,681,901	528,047
Bigeye (ahi)	12,799,914	14,574,067	15,746,459
Yellowfin (ahi)	4,018,234	4,098,369	3,865,595
Billfishes	4,866,636	4,351,833	6,347,977
Blue marlin	1,169,396	1,106,797	1,521,208
Shortnose spearfish	425,419	401,949	608,121
Striped marlin	751,233	679,744	1,059,078
Swordfish	2,481,161	2,121,898	3,084,936
Miscellaneous pelagic species	5,663,040	6,052,506	7,075,191
Mahimahi	1,803,548	1,739,974	1,743,944
Monchong	674,275	959,152	1,320,373
Ono	734,730	860,507	1,144,577
Opah	1,787,878	1,824,841	2,240,878
Walu	621,588	647,528	598,857
Deep bottom fishes	364,686	423,551	443,697
Ehu	25,848	29,991	31,456
Hapuupuu	9,224	10,517	10,617
Opakapaka	105,336	95,929	160,834
Uku	101,810	138,833	90,814
Ulaula (onaga)	52,738	66,886	75,813
Akule/opelu	554,485	517,012	531,243
Akule	260,118	253,395	249,196
Opelu	257,251	252,269	263,839
Jacks	53,582	43,927	38,633
Inshore fishes	414,431	430,315	380,879
Sharks	217,666	192,359	124,199
Mako	135,970	136,469	104,447
Lobsters	10,524	11,083	10,128
Crabs	23,153	46,190	42,690
Shells	(NA)	(NA)	(NA)
Shrimps	7,141	12,972	48,691
Seaweeds	17,626	25,122	7,261
Unclassified / miscellaneous	76,914	69,652	78,082

NA Not available.

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Land and Natural Resources, Division of Aquatic Resources, *Commercial Fish Landings, State of Hawaii--Fiscal Years 2012-2014* and records.



**Table 20.06-- COMMERCIAL SEA LANDINGS, BY ISLAND: 2012 TO 2014**

[Fiscal year ending June 30, pounds landed]

<b>Island</b>	<b>2012</b>	<b>2013 1/</b>	<b>2014</b>
State total	31,786,440	33,761,150	36,237,755
Hawaii	2,685,704	3,256,457	3,060,016
Maui	874,622	813,774	822,954
Lanai	7,851	6,418	10,031
Molokai	42,757	44,380	44,600
Oahu	27,339,527	28,668,562	31,471,367
Kauai and Niihau	835,979	971,558	828,788

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Land and Natural Resources, Division of Aquatic Resources, records.

**Table 20.07-- COMMERCIAL SEA LANDINGS, BY FISHING METHOD:  
2012 TO 2014**

[Fiscal year ending June 30, pounds landed]

<b>Fishing method</b>	<b>2012</b>	<b>2013 1/</b>	<b>2014</b>
All methods	31,786,440	33,761,150	36,237,755
Aku pole and line	369,116	(2/)	(2/)
Longline	24,558,662	25,903,228	28,831,995
Handline	2,211,202	2,928,340	2,243,094
Trolling	3,390,318	3,374,156	3,469,169
Net	483,258	434,754	478,450
Trap	40,461	93,608	129,249
All other methods	733,423	1,027,065	1,085,798

1/ Revised from previous *Data Book*.

2/ 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 2012-2014* 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](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: 2009 TO 2011**

[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]

<b>Minerals</b>	<b>2009 1/</b>	<b>2010</b>	<b>2011</b>
Quantity (1,000 Metric Tons)			
Gemstones	(NA)	(NA)	(NA)
Sand and gravel (construction)	1,180	1,020	962
Stone (crushed)	5,800	4,740	4,490
Value (\$1,000)			
Total	116,000	108,000	101,000
Gemstones	151	151	151
Sand and gravel (construction)	15,000	15,500	15,100
Stone (crushed)	101,000	91,900	86,000

NA Not available.

1/ Revised from previous *Data Book*.

Source: U.S. Geological Survey, Minerals Information, "2010-2011 Minerals Yearbook, Hawaii [Advance Release]" (April 2015) <<http://minerals.er.usgs.gov/minerals/pubs/state/hi.html>> accessed April 17, 2015.

**Table 20.10--CRUSHED STONE SOLD OR USED: 2009 TO 2011**

[Data are rounded to no more than three significant digits;  
except in unit value; may not add to totals shown]

Type	2009	2010	2011
Number of quarries	(X)	(X)	(X)
Limestone 1/	-	2	2
Traprock	19	16	16
Volcanic cinder and scoria	3	2	3
Miscellaneous stone	8	5	6
Quantity (1,000 Metric Tons)	5,800	4,740	4,490
Limestone 1/	-	66	23
Traprock	5,050	4,180	3,860
Volcanic cinder and scoria	121	103	365
Miscellaneous stone	623	397	240
Value (\$1,000)	101,000	91,900	86,000
Limestone 1/	-	1,130	442
Traprock	87,600	81,000	77,700
Volcanic cinder and scoria	1,540	1,760	2,990
Miscellaneous stone	11,500	8,080	4,880
Unit value	17.41	19.39	19.18
Limestone 1/	-	17.08	19.33
Traprock	17.35	19.39	20.14
Volcanic cinder and scoria	12.74	17.08	8.19
Miscellaneous stone	18.46	20.36	20.35

X Not applicable.

1/ Includes limestone-dolomite reported with no distinction between the two kinds of stone.

Source: U.S. Geological Survey, Minerals Information, "2010-2011 Minerals Yearbook, Hawaii [Advance Release]" (April 2015) <<http://minerals.er.usgs.gov/minerals/pubs/state/hi.html>> accessed April 17, 2015.

## 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)

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**Table**  
**Number**   **Table Name**

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

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<a href="#">21.37</a>	Elevators, Escalators, and Similar Facilities: 2009
<a href="#">21.38</a>	Tallest Structures, by Island: March 2015



**Table 21.01-- NUMBER AND VALUE OF BUILDING PERMITS, BY  
COUNTY: 2005 TO 2014**

<b>Year</b>	<b>State total 1/</b>	<b>City and County of Honolulu</b>	<b>Hawaii County</b>	<b>Kauai County 1/</b>	<b>Maui County</b>
<b>Number issued</b>					
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
2013	32,246	26,568	4,320	158	1,200
2014	24,806	18,541	4,811	187	1,267
<b>Estimated value (\$1,000)</b>					
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
2013	2,720,519	1,866,352	443,739	85,413	325,014
2014	3,315,078	2,072,202	697,063	102,195	443,617

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:  
2012 TO 2014**

[In thousands of dollars]

<b>Category</b>	<b>State total 1/</b>	<b>City and County of Honolulu</b>	<b>Hawaii County</b>	<b>Kauai County 1/</b>	<b>Maui County</b>
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
2013					
Total	2,720,519	1,866,352	443,739	85,413	325,014
Residential	1,024,977	632,922	194,776	85,413	111,866
Hotel	75,070	-	-	(NA)	75,070
Non-residential	221,452	81,776	77,635	(NA)	62,041
Additions and alterations	1,399,021	1,151,654	171,329	(NA)	76,038
2014					
Total	3,315,078	2,072,202	697,063	102,195	443,617
Residential	985,938	375,971	386,390	102,195	121,382
Hotel	169,256	169,000	-	(NA)	256
Non-residential	329,280	85,731	111,902	(NA)	131,646
Additions and alterations	1,830,604	1,441,500	198,771	(NA)	190,333

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: 2014**

[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]

<b>Type of structure</b>	<b>State total</b>	<b>City and County of Honolulu</b>	<b>Hawaii County</b>	<b>Kauai County</b>	<b>Maui County</b>
One-family	417,721	333,440	511,825	546,498	359,398
Two-family	499,485	303,094	961,956	(NA)	201,725
Multi-family	121,825	121,345	453,359	(NA)	(X)

X Not applicable.

NA Not available.

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 2014**

[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]

<b>Year</b>	<b>State total</b>	<b>Oahu</b>	<b>Maui</b>	<b>Hawaii</b>	<b>Kauai</b>
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
2013	7,329,960,150	5,981,165,975	603,158,925	526,519,650	219,115,600
2014	7,024,043,900	5,611,443,525	662,255,275	546,117,525	204,227,575

Source: Hawaii State Department of Taxation, General Excise and Use Tax Collections (annual calendar year summary) <[http://tax.hawaii.gov/stats/a5\\_3txcolrpt/](http://tax.hawaii.gov/stats/a5_3txcolrpt/)> accessed May 4, 2015.

**Table 21.05-- GENERAL CONSTRUCTION STATISTICS FOR  
ESTABLISHMENTS WITH PAYROLL (NAICS 23): 2012**

[Includes establishments with payroll. Statistics based on the 2012 North American Industry Classification System (NAICS) which replaced the 2007 NAICS used in the 2007 Economic Census]

Measure	Amount
Number of establishments	2,378
Total number of employees	27,541
Construction workers	
Number in 1/	
March	18,389
June	19,524
September	19,785
December	20,000
Average	19,425
Other employees	
Number in 1/	
March	8,292
June	8,078
September	8,024
December	8,072
Average	8,116
Annual payroll (\$1,000)	1,564,321
Total fringe benefits (\$1,000)	511,941
Annual wages (\$1,000)	
Construction workers	1,036,189
Other employees	528,133
Annual hours (1,000)	
Construction workers	34,525
Total selected costs (\$1,000)	4,208,435
Materials, components, and supplies	2,234,407
Construction work subcontracted out to others	1,892,121
Selected power, fuels, and lubricants	81,907
Purchased electricity	13,787
Natural gas and manufactured gas	985
Gasoline and diesel fuel	65,013
On-highway use of gasoline and diesel fuel	46,812
Off-highway use of gasoline and diesel fuel	18,201
All other fuels and lubricants	2,122

Continued on next page.

**Table 21.05-- GENERAL CONSTRUCTION STATISTICS FOR ESTABLISHMENTS WITH PAYROLL (NAICS 23): 2012 -- Con.**

Measure	Amount
Value of business done (\$1,000)	7,938,958
Construction work 2/	7,814,295
Construction work on government owned projects	2,542,142
Federally owned projects	960,585
State & locally owned projects	1,581,557
Construction work on privately owned projects	5,272,153
Other business done	124,663
Value of construction work subcontracted in from others (\$1,000)	1,833,024
Net value of construction work (\$1,000)	5,922,174
Value added (\$1,000)	3,730,523
Total capital expenditures (\$1,000)	77,545
Total retirements of depreciable assets (\$1,000)	39,054
Gross value of depreciable assets (acquisition costs), end-of-year (\$1,000)	1,528,467
Total depreciation during year (\$1,000)	165,929
Total rental payments or lease payments (\$1,000) 3/	107,568
Buildings and other structures	67,012
Machinery and equipment rentals	40,556
Total other expenses (\$1,000)	553,148
Temporary staff and leased employee expenses	22,742
Expensed computer hardware and other equipment	7,585
Expensed purchases of software	1,755
Data processing and other purchased computer services	7,116
Communication services	18,717
Repair and maintenance services of buildings and/or machinery	27,042
Refuse removal (including hazardous waste) services	8,426
Advertising and promotional services	11,250
Purchased professional and technical services	45,728
Taxes and license fees	125,996
All other operating expenses	276,791

1/ Pay period including the 12th of the month.

2/ 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 2007 and 2012, receipts, billings, or sales for construction work was collected. This item includes receipts, billings, or sales for construction work done by building contractors, heavy and civil engineering construction contractors, and specialty trade contractors. Included are new construction, additions, alterations or reconstruction, and maintenance and repair construction work.

3/ 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, 2012 Economic Census, Construction: Geographic Area Series, Detailed Statistics for the State: 2012 <<http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?ts=445347674499>> accessed April 27, 2015.

**Table 21.06-- CHARACTERISTICS OF THE CONSTRUCTION INDUSTRY (NAICS 23): 2012**

[Includes establishments with payroll. Statistics based on the 2012 North American Industry Classification System (NAICS) which replaced the 2007 NAICS used in the 2007 Economic Census. The Standard Industrial Classification (SIC) system was used in Economic Censuses prior to 1997]

NAICS code	Kind of business	Estab-lish-ments	No. of employees		Annual payroll - all employees (\$1,000)	Annual wages - construction workers (\$1,000)	Value of construction work (\$1,000) 3/
			All 1/	Con-struction workers (avg) 2/			
23	Total	2,378	27,541	19,425	1,564,321	1,036,189	7,814,295
236	Construction of buildings	713	7,523	4,769	450,076	250,635	3,491,956
236115	New single-family housing construction (except for-sale builders)	213	1,259	909	57,684	37,965	362,072
236116	New multifamily housing construction (except for-sale builders)	2/ 17	210	120	13,483	5,610	98,138
236117	New housing for-sale builders	74	479	102	32,239	6,643	609,615
236118	Residential remodelers	208	891	626	34,825	23,426	131,527
236210	Industrial building construction	4	24	19	1,323	943	3,188
236220	Commercial and institutional building construction	197	4,661	2,994	310,522	176,049	2,287,415
237	Heavy and civil engineering construction	105	2,639	1,714	181,249	119,842	828,345
237110	Water and sewer line and related structures construction	29	708	448	49,844	36,325	198,597
237120	Oil and gas pipeline and related structures construction	3	59	(D)	(D)	(D)	7,487
237130	Power and communication line and related structures construction	18	341	300	22,275	19,081	115,813
237210	Land subdivision	2/ 12	98	(D)	(D)	(D)	53,025
237310	Highway, street, & bridge construction	36	1,143	743	87,955	52,784	389,040
237990	Other heavy and civil engineering construction	7	290	131	13,081	(D)	64,384
238	Specialty trade contractors	1,559	17,379	12,942	932,997	665,711	3,493,993
238110	Pour concrete foundation and structure contractors	48	620	511	28,839	21,873	113,955
238120	Structural steel and precast concrete contractors	20	409	277	24,905	16,586	89,000
238130	Framing contractors	31	666	551	37,268	33,526	118,980
238140	Masonry contractors	2/ 39	316	289	10,614	9,178	32,374
238150	Glass and glazing contractors	32	313	180	16,000	8,737	47,973
238160	Roofing contractors	91	991	813	35,761	25,480	155,849
238170	Siding contractors	15	109	84	4,683	3,475	13,498
238190	Other foundation, structure & building exterior contractors	16	61	39	2,916	1,692	10,980
238210	Electrical contractors and other wiring installation contractors	329	3,060	2,373	183,249	138,024	699,276
238220	Plumbing, heating and air-conditioning contractors	302	3,869	2,753	232,173	156,807	983,355
238290	Other building equipment contractors	25	620	312	49,092	27,397	148,859
238310	Drywall and insulation contractors	33	1,170	935	57,970	41,844	153,746
238320	Painting and wall covering contractors	137	1,445	994	64,225	46,848	180,454
238330	Flooring contractors	72	424	321	15,468	10,993	67,983

Continued on next page.

**Table 21.06-- CHARACTERISTICS OF THE CONSTRUCTION INDUSTRIES (NAICS 23): 2012 -- Con.**

NAICS code	Kind of business	Estab-lish-ments	No. of employees		Annual payroll - all employees (\$1,000)	Annual wages - con-struction workers (\$1,000)	Value of construct-ion work (\$1,000) 3/
			All 1/	Con-struction workers (avg) 2/			
238	Specialty trade contractors (con.)						
238340	Tile and terrazzo contractors	43	301	252	14,792	11,534	42,402
238350	Finish carpentry contractors	154	739	470	32,892	22,165	196,546
238390	Other building finishing contractors	14	302	266	12,026	9,172	41,778
238910	Site preparation contractors	82	1,232	1,009	74,323	56,462	285,234
238990	All other specialty trade contractors	77	732	511	35,801	23,919	111,754

D Withheld to avoid disclosing data of individual companies.

1/ Includes all permanent full-time and part-time nonleased individuals on the payrolls of construction establishments during any part of the pay period which included the 12th of March, June, September, and December. Excluded are subcontractors and their employees, temporary staffing obtained from a staffing service, and proprietors and partners of unincorporated businesses.

2/ Includes all nonleased payroll workers (up through the working supervisory level) directly engaged in construction operations, such as painters, carpenters, plumbers, and electricians. Supervisory employees above the working foreman level are excluded from this category and are included in the other employees category. The average number of nonleased construction workers is the sum of establishment averages of nonleased construction workers who were on the payroll during the pay periods including the 12th of March, June, September and December.

3/ Receipts, billings, or sales for construction work was collected in 2007 and 2012. This item includes receipts, billings, or sales for construction work done by building contractors, heavy and civil engineering construction contractors, and specialty trade contractors. Included are new construction, additions, alterations or reconstruction, and maintenance and repair construction work.

Source: U.S. Census Bureau, 2012 Economic Census, Construction: Geographic Area Series, Detailed Statistics for the State: 2012 <[http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?\\_ts=445486742893](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml?_ts=445486742893)> accessed April 27, 2015.



**Table 21.07-- PRIVATE RESIDENTIAL CONSTRUCTION AND DEMOLITION  
AUTHORIZED BY PERMITS, BY COUNTY: 2009 TO 2014**

Category and year authorized	State total	City and County of Honolulu	Other counties			
			Total	Hawaii	Kauai	Maui
<b>New single family units</b>						
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
2013	(NA)	1,096	(NA)	735	(NA)	329
2014	(NA)	809	(NA)	(NA)	178	331
<b>New duplex units</b>						
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
2013	(NA)	74	(NA)	2	(NA)	4
2014	(NA)	37	(NA)	(NA)	10	14
<b>New apartment units</b>						
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
2013	(NA)	37	(NA)	-	(NA)	16
2014	(NA)	17	(NA)	(NA)	325	-
<b>Units demolished</b>						
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
2013	(NA)	277	(NA)	35	(NA)	30
2014	(NA)	364	(NA)	(NA)	9	44

NA Not available.

Source: County building departments.

**Table 21.08-- REVENUES OF TOP CONTRACTORS: 2012 TO 2014**

[In millions of dollars. Contractors with the highest Hawaii revenues based on 2014 survey responses. List represents only those companies that responded to requests for information]

Rank	Contractor	2012 1/	2013 2/	2014
1	Hawaiian Dredging Construction Co., Inc.	230.00	425.00	546.00
2	Kiewit Corp.	180.00	150.00	260.00
3	Nan, Inc.	179.30	246.70	233.90
4	Albert C. Kobayashi, Inc.	148.00	150.00	228.00
5	dck pacific construction, LLC	190.00	232.00	213.00
6	Nordic PCL Construction, Inc.	103.00	161.00	196.00
7	Swinerton Builders	217.00	157.60	167.00
8	Hensel Phelps Construction Co.	(NA)	128.00	142.00
9	Watts Constructors, LLC	100.17	39.25	130.90
10	Dorvin D. Leis Co., Inc.	81.43	82.20	95.50
11	Layton Construction Co., Inc.	(NA)	(NA)	94.20
12	Isemoto Contracting Co., Ltd.	53.40	47.10	71.30
13	Allied Builders System	60.60	49.10	69.30
14	Group Builders, Inc.	43.50	48.30	66.50
15	Coastal Construction Co., Inc.	66.95	61.50	61.80
16	Wasa Electrical Services, Inc.	54.00	69.50	60.30
17	Shioi Construction, Inc.	38.60	49.70	50.90
18	Alakai Mechanical Corp.	57.90	62.30	47.30
19	Delta Construction Corp.	86.30	70.50	45.00
20	Royal Contracting Co., Ltd.	(NA)	28.09	30.20
21	Arita Poulson General Contracting, LLC	43.00	23.70	29.79
22	Healy Tibbitts Builders, Inc.	(NA)	22.50	22.10
23	S&M Sakamoto, Inc.	(NA)	(NA)	19.69
24	Ralph S. Inouye Co., Ltd	36.10	37.60	18.30
25	Honolulu Builders, LLC	44.30	46.40	15.50

NA Not available.

1/ Figures furnished in 2013 by the 2012 Top 25 listees or from earlier lists.

2/ Figures furnished in 2014 by the 2013 Top 25 listees.

Source: *Building Industry Hawaii* "Top 25 Contractors" (July 2014) pp. 17 and 57 and "Top 25 Contractors" (July 2015) pp. 23 and 75 <<http://www.tradepublishing.com/building-industry-hawaii/>> accessed July 7, 2015.

**Table 21.09-- HONOLULU CONSTRUCTION COST INDEXES: 1990 TO 2014**

[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	99.5	97.1	101.5
1993	111.5	116.0	106.2	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)	206.7	(NA)	(NA)
2012	232.2	(NA)	(NA)	213.1	(NA)	(NA)
2013	243.9	(NA)	(NA)	224.0	(NA)	(NA)
2014	260.3	(NA)	(NA)	239.3	(NA)	(NA)

NA Not available.

1/ Wages and benefits.

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://dbedt.hawaii.gov/economic/qser/>> accessed March 13, 2015 and records.

**Table 21.10-- CONDOMINIUM ASSOCIATIONS AND APARTMENTS  
REGISTERED: 1990 TO 2014**

[Fiscal year ending June 30. Biennial registration was started in June 1997]

<b>Fiscal year</b>	<b>Associations registered</b>	<b>Apartments represented</b>	<b>Fiscal year</b>	<b>Associations registered</b>	<b>Apartments represented</b>
1990	201	20,066	2003	1,456	134,444
1991	809	74,916	2004	1,469	135,708
1992	968	87,127	2005	1,501	138,334
1993	1,049	91,424	2006	1,546	142,171
1994	1,114	95,827	2007	1,565	145,124
1995	1,171	101,628	2008	1,601	151,238
1996	1,249	107,580	2009	1,629	153,856
1997	1,277	106,052	2010	1,634	154,625
1998 1/	1,339	112,832	2011	1,670	156,511
1999	1,361	114,449	2012	1,649	156,846
2000	1,389	116,750	2013	1,668	158,294
2001	1,419	118,209	2014	1,591	151,320
2002	1,439	133,276			

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://cca.hawaii.gov/reb/reports/>> accessed January 2, 2015.

**Table 21.11-- CONDOMINIUM PROJECTS REGISTERED WITH THE STATE  
OF HAWAII: 1994 TO 2014**

[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]

<b>Year</b>	<b>Projects</b>	<b>Individual units</b>
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
2013	234	8,464
2014	261	6,715

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Real Estate Branch, *Annual Report Real Estate Commission* (annual) <<http://cca.hawaii.gov/reb/reports/>> accessed January 2, 2015.

**Table 21.12-- NEW CONDOMINIUM PROJECTS, BY TYPE: 2010 TO 2014**

[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	2010	2011	2012	2013	2014
All types	159	141	129	128	153
Total residential 1/ Commercial and other	2/ 120 8	2/ 98 12	2/ 95 15	102 10	121 9
Agricultural	31	31	19	16	23
New residential projects by size 1/	119	97	95	102	115
2 units or fewer	32	27	20	18	25
3 to 15 units	25	12	25	37	47
16 to 50 units	31	40	30	14	8
More than 50 units	31	18	20	33	35

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, *2014 Annual Report Real Estate Commission*  
<<http://cca.hawaii.gov/reb/reports/>> accessed January 2, 2015 and records.

**Table 21.13-- HOUSING UNITS CONVERTED TO CONDOMINIUM UNITS:  
1994 TO 2014**

[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 condominium units, but includes all types of units that were converted to condominium units during the current fiscal year]

<b>Year</b>	<b>Projects</b>	<b>Individual units</b>
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
2013	75	553
2014	75	633

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Real Estate Branch, *Annual Report Real Estate Commission* (annual) <<http://cca.hawaii.gov/reb/reports/>> accessed January 2, 2015.

**Table 21.14-- TIMESHARE PROPERTIES AND UNITS,  
BY ISLAND: 2013 AND 2014**

Subject	State total	Oahu	Hawaii	Kauai	Maui
2013					
Properties 1/	2/ 63	2/ 14	2/ 14	17	18
Registered units 3/	2/ 10,405	2/ 3,552	2/ 1,680	2,377	2/ 2,796
Operated units 4/	2/ 10,389	2/ 3,536	2/ 1,680	2,377	2/ 2,796
2014					
Properties 1/	60	13	13	17	17
Registered units 3/	10,514	3,715	1,652	2,302	2,845
Operated units 4/	10,647	3,669	1,652	2,481	2,845

1/ Includes any property which contains one or more operated timeshare units. Data were obtained directly from the Hawaii Tourism Authority summary information on properties with operated units. For the data years prior to 2013, the *Data Book* tables included any property with registered timeshare units. Therefore, *Data Book* tables with data prior to 2013 are not comparable to those displaying data from 2013 and onward.

2/ Revised from previous *Data Book*.

3/ 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).

4/ 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, *2014 Visitor Plant Inventory*  
<<http://www.hawaiitourismauthority.org/default/assets/File/2014%20Visitor%20Plant%20Inventory%20Report%20%28FINAL%29.pdf>> accessed May 12, 2015.



**Table 21.15-- HOME EXEMPTIONS CLAIMED: 2010 TO 2015**

[Fiscal year ending June 30]

Tenure and county	2010	2011	2012	2013	2014	2015
<b>TOTAL OWNER-OCCUPIED 1/</b>						
State total	217,383	219,138	220,654	217,935	217,768	217,108
Honolulu	141,288	142,402	144,092	141,258	140,865	140,582
Maui	26,015	26,253	26,007	25,842	25,681	25,431
Hawaii	37,615	38,055	38,261	38,528	38,856	38,720
Kauai	12,465	12,428	12,294	12,307	12,366	12,375
<b>FEE SIMPLE</b>						
State total	210,878	2/ 212,873	214,655	212,396	212,433	212,010
Honolulu	136,155	137,435	139,300	136,866	136,641	136,524
Maui	25,176	25,408	25,201	25,081	24,953	24,755
Hawaii	37,274	2/ 37,799	38,071	38,350	38,692	38,576
Kauai	12,273	12,231	12,083	12,099	12,147	12,155
<b>LEASEHOLD</b>						
State total	6,505	2/ 6,265	5,999	5,539	5,335	5,098
Honolulu	5,133	4,967	4,792	4,392	4,224	4,058
Maui	839	845	806	761	728	676
Hawaii	341	2/ 256	190	178	164	144
Kauai	192	197	211	208	219	220

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 March 8, 2015 and records.

**Table 21.16-- SELECTED HOUSING CHARACTERISTICS, BY COUNTY: 2010**

<b>Subject</b>	<b>State total</b>	<b>City and County of Honolulu</b>	<b>Hawaii County</b>	<b>Kauai County</b>	<b>Maui County 1/</b>
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: 2009-2013**

[Based on a sample and subject to sampling variability. Figures displayed  
are the average values over the 5-year period of 2009 to 2013]

<b>Characteristic</b>	<b>State total</b>	<b>City and County of Honolulu</b>	<b>Hawaii County</b>	<b>Kalawao County</b>	<b>Kauai County</b>	<b>Maui County</b>
All housing units	522,164	338,266	83,242	95	29,972	70,589
Occupied	449,771	309,803	64,909	46	22,390	52,623
Vacant	72,393	28,463	18,333	49	7,582	17,966
Units in structure						
1 unit, detached	282,085	155,610	65,248	69	20,955	40,203
1 unit, attached	40,183	32,770	1,924	2	1,419	4,068
2 units	14,956	8,273	1,827	4	1,430	3,422
3 or more units	184,144	141,292	13,962	20	6,079	22,791
Mobile home, boat, RV, van, etc	796	321	281	-	89	105
Tenure						
Owner-occupied	259,270	172,043	42,661	-	14,010	30,556
Renter-occupied	190,501	137,760	22,248	46	8,380	22,067
Average household size of unit						
Owner-occupied	3.11	3.18	2.83	-	3.04	3.10
Renter-occupied	2.77	2.76	2.84	1.39	2.90	2.69
Percent						
Structure built after 2010	0.7	0.7	0.6	0.0	0.6	0.4
Structure built 2000 to 2009	13.2	10.8	20.7	0.0	12.3	16.5
Structure built 1990 to 1999	14.8	12.8	18.9	2.1	20.6	17.0
Structure built 1940 to 1989	67.7	72.2	55.2	67.4	63.1	63.0
Structure built before 1940	3.6	3.5	4.6	30.5	3.5	3.0
Lacking complete plumbing	0.8	0.5	2.1	0.0	1.7	1.1
Lacking complete kitchen facilities	1.8	1.6	2.7	0.0	1.3	2.3
With no telephone service	2.4	2.2	2.2	0.0	4.0	3.1
Median number of rooms	4.6	4.7	4.7	3.2	4.7	4.1
Percent householder moved into unit						
Moved into unit 2010 or later	17.9	18.5	15.1	23.9	16.2	18.6
Moved into unit 2000 to 2009	43.2	42.5	45.2	43.5	39.7	46.6
Moved into unit 1990 to 1999	15.9	15.1	18.3	13.0	20.2	15.8
Moved into unit before 1990	23.0	23.9	21.4	19.6	23.9	19.1
Percent of units with occupants per room of 1.51 or more	3.1	3.0	3.0	0.0	2.7	4.0

Continued on next page.

**Table 21.17-- SUMMARY HOUSING CHARACTERISTICS,  
BY COUNTY: 2009-2013 -- Con.**

<b>Characteristic</b>	<b>State total</b>	<b>City and County of Honolulu</b>	<b>Hawaii County</b>	<b>Kalawao County</b>	<b>Kauai County</b>	<b>Maui County</b>
Owner-occupied units						
Total	259,270	172,043	42,661	-	14,010	30,556
Median value (dollars)	503,100	556,300	309,800	(X)	484,500	523,700
Selected monthly owner costs						
Housing units with a mortgage	177,220	120,199	26,538	-	9,201	21,282
Median (dollars)	2,326	2,450	1,729	(X)	2,227	2,408
Housing units without a mortgage	82,050	51,844	16,123	-	4,809	9,274
Median (dollars)	505	555	332	(X)	457	475
Selected monthly owner costs as a percentage of household income (SMOCAPI) 1/						
Housing units with a mortgage (excluding units where SMOCAPI cannot be computed)	176,451	119,816	26,330	-	9,147	21,158
Monthly costs were 35 percent or more of household income	66,610	42,291	10,926	(X)	4,046	9,347
Housing units without a mortgage (excluding units where SMOCAPI cannot be computed)	80,753	51,117	15,686	-	4,744	9,206
Monthly costs were 35 percent or more of household income	8,025	5,013	1,619	(X)	459	934
Gross rent						
Occupied units paying rent	177,081	130,339	18,908	35	7,711	20,088
Median(dollars)	1,380	1,467	1,049	850	1,239	1,291
Gross rent as a percentage of household income (GRAPI)						
Occupied units paying rent (excluding units where GRAPI cannot be computed)	173,438	127,619	18,358	35	7,597	19,829
35.0 percent or more	80,890	60,213	8,967	13	2,923	8,774

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. In prior years, the data are tabulated for all owner-occupied units. It is now restricted to only those units where SMOCAPI is computed, that is SMOC and household income are valid values. It provides information on the monthly housing cost expenses for owners.

Source: U.S. Census Bureau, 2009-2013 American Community Survey 5-Year Estimates, Data Profile <<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed December 4, 2014.

**Table 21.18-- TENURE BY AGE OF HOUSEHOLDER: 2000 AND 2010**

<b>Subject</b>	<b>April 1, 2000</b>	<b>April 1, 2010</b>	<b>Percent change</b>
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)	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)	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) 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 pmt/not enough info 2/	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 3/	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/ Units with 1.01 or more persons per room.

2/ Households with no shelter payment or those that did not provide sufficient information to calculate a shelter-to-income ratio.

3/ 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 2014**

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	519,508	336,899	82,324	29,793	70,492
2010: April 1 estimates base 3/	519,508	336,899	82,323	29,793	70,493
2010: July 1 3/	519,969	337,032	82,462	29,908	70,567
2011: July 1 3/	522,638	338,404	83,434	30,042	70,758
2012: July 1 3/	524,658	339,632	84,012	30,127	70,887
2013: July 1 3/	526,944	340,872	84,541	30,222	71,309
2014: July 1 3/	530,106	343,017	85,163	30,346	71,580
Share of state total April 1, 2010 estimates base	100.0	64.8	15.8	5.7	13.6
July 1, 2014	100.0	64.7	16.1	5.7	13.5
April 1, 2010 estimates base to July 1, 2014 Percent change	2.0	1.8	3.4	1.9	1.5
Average annual	0.5	0.4	0.8	0.4	0.4

1/ Maui County including Kalawao County.

2/ Housing unit estimates for 2000 through 2009 were revised on October 9, 2012 based upon the April 1, 2010 Census figures.

3/ Housing unit estimates are based on revisions released in May 2015 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, 2014" (PEPANNHU) (May 21, 2014) <<http://www.census.gov/popest/data/housing/totals/2014/index.html>> accessed May 21, 2015; 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 Waiialae-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/Moilili	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://honolulu.gov/planning/demographics2/2000/NA/general.pdf>> accessed July 3, 2007.

**Table 21.23-- VACANCY AND HOMEOWNERSHIP RATES, FOR THE STATE  
AND HONOLULU MSA: 1998 TO 2014**

Year	Rental vacancy rate 1/		Homeowner vacancy rate 1/		Gross vacancy rate 3/		Year-round vacancy rate 4/		Homeownership rate 1/	
	State	Hono- lulu MSA 2/	State	Hono- lulu MSA 2/	State	Hono- lulu MSA 2/	State	Hono- lulu MSA 2/	State	Hono- lulu MSA 2/
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
2013	10.1	6.0	1.8	0.9	17.4	10.9	15.8	8.6	57.3	57.9
2014	8.3	5.6	1.6	1.1	18.0	12.3	16.2	10.2	58.4	58.2
Standard error 6/	1.3	1.3	0.5	0.5	1.2	1.2	1.0	1.2	1.8	2.1

NA Not available.

1/ In 2014, the rental vacancy rate for the entire U.S. was 7.6 and the rental vacancy rate for all U.S. inside metropolitan areas was 7.4; the homeowner vacancy rate for the entire U.S. was 1.9 and the homeowner vacancy rate for all U.S. inside metropolitan areas was 1.8; and the homeownership rate for the entire U.S. was 64.5 and the homeownership rate for all U.S. inside metropolitan areas was 62.9.

2/ The Honolulu Metropolitan Statistical Area (MSA) consists of the City and County of Honolulu. The metropolitan data for 1994 are based on 1980 metropolitan/nonmetropolitan definitions; 1995 to 2004 data are based on 1990 metropolitan/nonmetropolitan definitions; and 2005 and later data are based on 2000 metropolitan/nonmetropolitan definitions.

3/ 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 2014, the gross vacancy rate for the entire U.S. was 13.4 and for all U.S. inside metropolitan areas was 11.5.

4/ 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 2014, the year-round vacancy rate for the entire U.S. was 10.4 and for all U.S. inside metropolitan areas was 9.6.

5/ Revised dataset.

6/ 90-percent confidence interval of standard errors.

Source: U.S. Census Bureau, "Housing Vacancies and Homeownership Annual Statistics: 2014" <<http://www.census.gov/housing/hvs/>> accessed April 30, 2015.

**Table 21.24-- BUILDING VACANCY RATES FOR COMPETITIVE OFFICE SPACE FOR THE METROPOLITAN HONOLULU OFFICE MARKET, BY SUBMARKET: 2006 TO 2014**

[The size of the Metropolitan Honolulu Office Market survey varies from year to year. For 2014, it included 94 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]

<b>Vacancy rate 1/</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Downtown 2/	7.3	10.1	9.6	10.5	15.1	16.1	15.1	13.7	14.5
Suburban 3/	7.9	7.2	8.1	10.2	12.3	15.1	14.8	13.5	15.4

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 Research, records.

**Table 21.25-- STATE GOVERNMENT CAPITAL IMPROVEMENT  
PROJECT EXPENDITURES: 1990 TO 2014**

[In thousands of dollars]

<b>Year</b>	<b>Total expenditures</b>	<b>General obligation bond 1/</b>	<b>Revenue bond 2/</b>	<b>General fund (cash)</b>	<b>Special fund</b>	<b>Federal funds 3/</b>
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
2013	1,150,213	588,437	150,063	1,970	215,374	194,369
2014	1,277,887	573,308	247,380	555	195,183	261,460

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://dbedt.hawaii.gov/economic/qser>> accessed March 13, 2015.

**Table 21.26-- HAWAII PUBLIC HOUSING AUTHORITY  
OPERATIONS: 2012 TO 2014**

[Fiscal year ending June 30 unless otherwise specified]

Subject	2012 1/	2013	2014
Total units owned and administered by the Hawaii Public Housing Authority (HPHA)	5,737	2/ 5,584	2/ 5,584
Total units occupied, May 31 3/	5,184	5,376	5,356
Total number of occupants, May 31 3/	13,784	14,856	13,827
Federal Public Housing Operating Fund (\$1,000)	(NA)	(NA)	(NA)
Average rent charged per unit per month (dollars) 3/ 4/ 5/	266	259	285

NA Not available.

1/ As of mid-2012.

2/ Federal low-rent, 4,720; State low-rent, 864.

3/ Data does not include 570 Kuhio Park Terrace units which receive federal subsidies.

4/ Some units pay zero rent; some get a utility allowance greater than the amount of rent that would otherwise be charged.

5/ Federal projects only; Federal subsidies received between July and June (fiscal year).

Source: Hawaii State Department of Human Services, Hawaii Public Housing Authority, records.

**Table 21.27-- CHARACTERISTICS OF THE REAL ESTATE  
SUBSECTOR (NAICS 531): 2012**

[Includes establishments with payroll. Statistics based on the 2012 North American Industry Classification System (NAICS) which replaced the 2007 NAICS used in the 2007 Economic Census]

NAICS code	Kind of business	Estab-lish-ments	Revenue (\$1,000)	Annual payroll (\$1,000)	Paid employ-ees 1/
531	Total	1,553	2,441,969	335,866	7,314
5311	Lessors of real estate	643	1,618,443	125,484	2,669
53111	Residential buildings & dwellings	282	421,087	39,264	1,118
531110	Residential buildings & dwellings	282	421,087	39,264	1,118
5311101	Apartment buildings	186	110,515	15,169	533
5311109	Dwellings other than apartment bldgs	96	310,572	24,095	585
53112	Nonresidential buildings 2/	273	998,373	72,930	1,202
531120	Nonresidential buildings 2/	273	998,373	72,930	1,202
5311201	Professional & other office	92	332,337	27,678	362
5311202	Manufacturing & industrial	36	130,891	13,062	148
5311203	Shopping centers & retail stores	103	496,015	26,932	528
5311209	Other nonresidential bldgs & facilities	42	39,130	5,258	164
53113	Miniwarehouses & self-storage units	59	56,386	6,688	249
531130	Miniwarehouses & self-storage units	59	56,386	6,688	249
53119	Other real estate property	29	142,597	6,602	100
531190	Other real estate property	29	142,597	6,602	100
5311901	Manufactured (mobile) home sites	2	(D)	(D)	(3/)
5311909	Other real estate property	27	(D)	(D)	(4/)
5312	Offices of real estate agents and brokers	467	446,265	77,926	1,608
53121	Offices of real estate agents and brokers	467	446,265	77,926	1,608
531210	Offices of real estate agents and brokers	467	446,265	77,926	1,608
5312101	Residential real estate agents and brokers	401	388,556	56,776	1,287
5312109	Nonresidential real estate agents and brokers	66	57,709	21,150	321
5313	Activities related to real estate	443	377,261	132,456	3,037
53131	Real estate property managers	313	320,941	107,860	2,569
531311	Residential property managers	210	240,720	77,074	1,901
531312	Nonresidential property managers	103	80,221	30,786	668
53132	Offices of real estate appraisers	68	21,177	9,959	182
531320	Offices of real estate appraisers	68	21,177	9,959	182
53139	Other activities related to real estate	62	35,143	14,637	286
531390	Other activities related to real estate	62	35,143	14,637	286

D Withheld to avoid disclosing data for individual companies.

1/ Pay period including March 12.

2/ Except miniwarehouses.

3/ 0 to 19 employees.

4/ 20 to 99 employees.

Source: U.S. Census Bureau, *2012 Economic Census, Real Estate and Rental and Leasing, Geographic Area Series, Hawaii* (January 2015) <<http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed April 27, 2015.

**Table 21.28-- CHARACTERISTICS OF THE REAL ESTATE SUBSECTOR  
(NAICS 531), BY COUNTY AND PLACE: 2012**

[Includes establishments with payroll. Statistics based on the 2012 North American Industry Classification System (NAICS) which replaced the 2007 NAICS used in the 2007 Economic Census]

<b>Geographic area</b>	<b>Establishments (number)</b>	<b>Revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Employees 1/</b>
State total	1,553	2,441,969	335,866	7,314
Hawaii County	181	99,895	21,619	635
Ainaloa	1	(D)	(D)	(2/)
Captain Cook	2	(D)	(D)	(2/)
Hawaiian Paradise Park	1	(D)	(D)	(2/)
Hilo	61	33,797	4,814	196
Holualoa	8	(D)	(D)	(2/)
Kahaluu-Keauhou	4	2,361	192	5
Kailua	32	23,665	5,622	152
Kalaoa	7	(D)	(D)	(2/)
Waikoloa Village	6	(D)	(D)	(3/)
Waimea	14	(D)	(D)	(3/)
Balance of Hawaii County	45	(D)	(D)	(4/)
Honolulu County	1,027	2,059,927	261,211	5,167
Ahuimanu	1	(D)	(D)	(2/)
Aiea	12	4,281	1,042	32
East Honolulu	44	15,813	3,904	81
Ewa Gentry	3	(D)	(D)	(2/)
Halawa	8	(D)	(D)	(3/)
Haleiwa	5	(D)	(D)	(2/)
Hauula	1	(D)	(D)	(2/)
Heeia	1	(D)	(D)	(2/)
Iroquois Point	1	(D)	(D)	(2/)
Kahaluu	1	(D)	(D)	(2/)
Kahuku	4	747	365	13
Kailua	44	24,954	5,089	122
Kaneohe	21	7,359	2,119	62
Kaneohe Station	1	(D)	(D)	(2/)
Kapolei	13	(D)	(D)	(3/)
Laie	1	(D)	(D)	(3/)
Maili	1	(D)	(D)	(2/)
Makakilo	4	461	99	3
Mililani Mauka	2	(D)	(D)	(3/)

Continued on next page.



**Table 21.28-- CHARACTERISTICS OF THE REAL ESTATE SUBSECTOR  
(NAICS 531), BY COUNTY AND PLACE: 2012 -- Con.**

<b>Geographic area</b>	<b>Establishments (number)</b>	<b>Revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Employees 1/</b>
Honolulu County (con.)				
Mililani Town	5	(D)	(D)	(3/)
Nanakuli	2	(D)	(D)	(2/)
Ocean Pointe	6	9,381	1,259	23
Pearl City	18	7,104	1,320	42
Pupukea	4	(D)	(D)	(2/)
Royal Kunia	1	(D)	(D)	(2/)
Schofield Barracks	1	(D)	(D)	(5/)
Urban Honolulu	713	1,444,166	198,146	3,850
Wahiawa	9	5,174	835	31
Waialua	2	(D)	(D)	(2/)
Waianae	8	(D)	(D)	(3/)
Waikele	4	9,798	566	10
Waimalu	24	20,568	3,287	81
Waimanalo	2	(D)	(D)	(2/)
Waimanalo Beach	1	(D)	(D)	(2/)
Waipahu	24	15,248	2,244	77
Waipio	5	(D)	(D)	(2/)
West Loch Estate	1	(D)	(D)	(2/)
Whitmore Village	1	(D)	(D)	(2/)
Balance of Honolulu County	28	(D)	(D)	(4/)
Kauai County	113	71,695	18,519	507
Hanamaulu	2	(D)	(D)	(2/)
Hanapepe	1	(D)	(D)	(2/)
Kalaheo	3	(D)	(D)	(2/)
Kapaa	13	(D)	(D)	(3/)
Kekaha	1	(D)	(D)	(2/)
Kilauea	11	(D)	(D)	(2/)
Lihue	25	17,179	3,323	82
Puhi	4	(D)	(D)	(2/)
Wailua Homesteads	1	(D)	(D)	(2/)
Balance of Kauai County	52	44,346	12,196	357
Maui County 6/	232	210,452	34,517	1,005
Haiku-Pauwela	6	(D)	(D)	(2/)
Kaanapali	15	36,905	1,913	40
Kahului	26	20,386	6,014	128
Kaunakakai	6	2,419	518	19
Kihei	51	48,477	6,113	155

Continued on next page.

**Table 21.28-- CHARACTERISTICS OF THE REAL ESTATE SUBSECTOR  
(NAICS 531), BY COUNTY AND PLACE: 2012 -- Con.**

<b>Geographic area</b>	<b>Establish- ments (number)</b>	<b>Revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Employees 1/</b>
Maui County (con.) 6/				
Kula	6	2,052	470	12
Lahaina	26	27,221	4,427	181
Lanai City	1	(D)	(D)	(2/)
Makawao	7	913	299	10
Napili-Honokowai	11	(D)	(D)	(3/)
Paia	4	(D)	(D)	(2/)
Pukalani	3	296	52	1
Waihee-Waiehu	2	(D)	(D)	(2/)
Wailea	15	17,035	1,590	34
Wailuku	35	18,388	4,600	116
Balance of Maui County	18	(D)	(D)	(4/)

D Withheld to avoid disclosing data for individual companies.

1/ Paid employees, pay period including March 12.

2/ 0 to 19 employees.

3/ 20 to 99 employees.

4/ 100 to 249 employees.

5/ 250 to 499 employees.

6/ Kalawao County which is located on the island of Molokai did not have any businesses in 2012.

Source: U.S. Census Bureau, *2012 Economic Census, Real Estate and Rental and Leasing, Geographic Area Series, Hawaii* (January 2015) <<http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed April 27, 2015.

**Table 21.29-- REAL ESTATE LICENSES, ACTIVE AND INACTIVE, BY TYPE OF LICENSE AND LOCATION: FEBRUARY 18, 2015**

[Real estate licenses are subject to renewal on or before December 31 of each even-numbered year. Date shown in table title is unpublished correction to the report title]

Type of license	Active	Inactive	Location 1/	Active	Inactive
Total	12,242	4,467	Total	12,242	4,467
Broker	5,448	698	Oahu	7,603	2,423
Individual	3,153	634	Hawaii	1,628	431
Sole owner	851	2	Maui	1,941	562
Corporation or partnership	758	37	Kauai	815	305
Limited liability corporation/ limited liability partnership	686	25	Molokai	31	6
			Lanai	13	6
			U.S. mainland	207	710
Salesman	6,794	3,769	Foreign	4	18
			Other	-	6

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 February 17, 2015  
<[http://cca.hawaii.gov/pvl/files/2013/06/WebGeo\\_021715.pdf](http://cca.hawaii.gov/pvl/files/2013/06/WebGeo_021715.pdf)> accessed March 3, 2015.

**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]

<b>Year</b>	<b>Number listed</b>	<b>Number sold</b>	<b>Percent sold</b>	<b>Mean sales price (dollars)</b>
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	7,187	54.6	537,945
2011	12,070	7,192	59.6	519,690
2012	10,746	7,760	72.2	547,816

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: 2012 TO 2014**

Year and type of property 1/	Number listed	Number sold	Percent sold	Sales price (dollars)	
				Median	Mean
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
2013					
Total	(NA)	(NA)	(NA)	(NA)	(NA)
Single family	(NA)	3,341	(NA)	650,000	804,933
Condominium/cooperative	(NA)	4,800	(NA)	332,000	393,396
Vacant land	(NA)	(NA)	(NA)	(NA)	(NA)
Multi-family	(NA)	(NA)	(NA)	(NA)	(NA)
Commercial/industrial	(NA)	(NA)	(NA)	(NA)	(NA)
Business opportunities	(NA)	(NA)	(NA)	(NA)	(NA)
2014					
Total	(NA)	(NA)	(NA)	(NA)	(NA)
Single family	(NA)	3,285	(NA)	675,000	856,826
Condominium/cooperative	(NA)	4,810	(NA)	350,000	418,186
Vacant land	(NA)	(NA)	(NA)	(NA)	(NA)
Multi-family	(NA)	(NA)	(NA)	(NA)	(NA)
Commercial/industrial	(NA)	(NA)	(NA)	(NA)	(NA)
Business opportunities	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available.

1/ The 2012 data were from records while the 2013 and 2014 were from the annual residential resales report.

Source: Honolulu Board of Realtors, Multiple Listing Service, "Annual Residential Resales Data for Oahu" <<http://www.hicentral.com/oahu-historical-data.php>> accessed July 13, 2015 and records.

**Table 21.32-- MULTIPLE LISTING SERVICE SINGLE FAMILY HOUSES SOLD,  
BY SELLING PRICE RANGE, FOR OAHU: 2010 TO 2012**

<b>Selling price range</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
All properties	3,023	2,954	3,173
On leased land	19	23	30
Percent	0.6	0.8	0.9
Less than \$100,000	5	4	8
\$100,000 to \$149,999	7	16	18
\$150,000 to \$199,999	15	24	11
\$200,000 to \$249,999	41	52	43
\$250,000 to \$299,999	78	68	71
\$300,000 to \$349,999	118	125	89
\$350,000 to \$399,999	172	207	164
\$400,000 to \$449,999	287	268	256
\$450,000 to \$499,999	288	290	298
\$500,000 to \$549,999	269	277	258
\$550,000 to \$599,999	241	251	267
\$600,000 to \$649,999	242	216	242
\$650,000 to \$699,999	238	197	247
\$700,000 to \$799,999	315	276	373
\$800,000 to \$899,999	185	181	243
\$900,000 to \$999,999	145	110	131
\$1.0 to \$1.9 million	304	317	347
\$2.0 to \$2.9 million	40	38	63
\$3.0 to \$3.9 million	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)	723,901	711,513	754,310

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	Fee simple	Leasehold
All properties	3,970	4,035	4,361	3,966	395
Less than \$50,000	32	49	22	-	22
\$50,000 to \$74,999	49	62	49	16	33
\$75,000 to \$99,999	110	119	84	56	28
\$100,000 to \$124,999	118	126	136	87	49
\$125,000 to \$149,999	113	160	147	108	39
\$150,000 to \$174,999	147	177	153	121	32
\$175,000 to \$199,999	175	209	237	201	36
\$200,000 to \$224,999	228	248	248	220	28
\$225,000 to \$249,999	300	314	333	294	39
\$250,000 to \$274,999	329	253	306	284	22
\$275,000 to \$299,999	255	272	270	256	14
\$300,000 to \$349,999	550	500	562	547	15
\$350,000 to \$399,999	381	397	457	440	17
\$400,000 to \$449,999	287	299	338	332	6
\$450,000 to \$499,999	206	197	261	257	4
\$500,000 to \$599,999	251	231	279	277	2
\$600,000 to \$699,999	175	140	174	171	3
\$700,000 to \$799,999	84	94	103	103	-
\$800,000 to \$899,999	48	39	47	46	1
\$900,000 to \$999,999	22	36	38	36	2
\$1,000,000 or more	110	113	117	114	3
Median value (dollars)	310,000	300,000	317,500	330,000	168,000
Mean value (dollars)	375,499	365,185	374,478	392,181	193,878

Source: Honolulu Board of Realtors, Multiple Listing Service records.

**Table 21.34-- MULTIPLE LISTING SERVICE, NUMBER OF SINGLE FAMILY AND CONDOMINIUM SALES, BY COUNTY: 1999 TO 2014**

Category and year	State total	Oahu 1/	Hawaii	Kauai	Maui
SINGLE FAMILY					
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
2013	2/ 6,685	2/ 3,366	1,886	447	986
2014	6,696	3,397	1,885	467	947
CONDOMINIUM					
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	5,980	3,929	605	289	1,157
2012	6,448	4,285	592	318	1,253
2013	2/ 7,203	2/ 4,868	645	351	1,339
2014	7,083	4,906	646	327	1,204

1/ May differ from Honolulu Board of Realtors data used in other *Data Book* tables.

2/ Revised from previous *Data Book*.

Source: Locations Research, records.



**Table 21.35-- MULTIPLE LISTING SERVICE, MEDIAN SALES PRICE OF SINGLE FAMILY AND CONDOMINIUM SALES, BY COUNTY: 1999 TO 2014**

[In dollars]

Category and year	State total	Oahu 1/	Hawaii	Kauai	Maui
<b>SINGLE FAMILY</b>					
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	579,000	246,450	455,000	432,000
2012	500,000	625,000	260,000	458,750	470,000
2013	2/ 544,000	650,000	295,000	529,000	530,000
2014	575,000	675,000	315,000	533,000	570,000
<b>CONDOMINIUM</b>					
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
2013	333,000	332,000	250,000	310,000	374,000
2014	351,000	350,000	280,000	346,000	415,000

1/ May differ from Honolulu Board of Realtors data used in other *Data Book* tables.

2/ Revised from previous *Data Book*.

Source: Locations Research, records.

**Table 21.36-- FORECLOSURE FILINGS, BY JUDICIAL CIRCUIT:  
1993 TO 2014**

<b>Year</b>	<b>State total</b>	<b>First Circuit 1/</b>	<b>Second Circuit 2/</b>	<b>Third Circuit 3/</b>	<b>Fifth Circuit 4/</b>
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
2013	3,422	1,504	728	961	229
2014	2,084	1,026	397	543	118

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, records.

**Table 21.37-- 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 21.38-- TALLEST STRUCTURES, BY ISLAND: MARCH 2015**

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 Aeronautical tower	West end of Molokai	(NA)	(X)	178
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. 2012 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*.

**Number**   **Table Name**

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

Narrative

<a href="#">22.01</a>	Statistical Summary of Manufactures (NAICS 31-33): 2008 to 2013
<a href="#">22.02</a>	Detailed Manufacturing Statistics (NAICS 31-33): 2007 and 2012
<a href="#">22.03</a>	Statistical Summary of Manufacturing (NAICS 31-33), by County: 2012
<a href="#">22.04</a>	Manufacturing, by Selected Industry Group (NAICS 31-33): 2013
<a href="#">22.05</a>	Manufacturing, Employment and Wages (NAICS 31-33), by Selected NAICS Code: 2014
<a href="#">22.06</a>	General Excise Tax Base for Manufacturing: 1987 to 2014
<a href="#">22.07</a>	25 Largest Industrial and High-Technology Parks, by Island: 2010 to 2013
<a href="#">22.08</a>	Pineapple Companies and Canneries, and Sugar Companies and Mills, 1955 to 2014, and by Island, 2013 and 2014
<a href="#">22.09</a>	Sugar and Molasses Production: 1991 to 2014
<a href="#">22.10</a>	Value of Sales for Pineapple and Sugar Production: 1990 to 2011

**Table 22.01-- STATISTICAL SUMMARY OF MANUFACTURES  
(NAICS 31-33): 2008 TO 2013**

[In millions of dollars unless otherwise noted. Industry groups with 950 employees or more.  
Statistics based on the 2012 North American Industry Classification System (NAICS)]

Subject	2008	2009	2010	2011	2012	2013
All employees						
Number (1,000)	12.8	11.6	10.7	10.7	11.4	10.8
Payroll	490.6	445.9	429.6	431.0	465.0	465.2
Production workers						
Number (1,000) 1/	8.3	7.3	6.8	6.7	7.4	6.9
Hours	16.3	13.9	13.0	12.9	13.6	13.4
Wages	268.7	239.6	238.1	232.3	258.0	268.0
Value added by manufacture	1,707.6	1,688.0	1,391.4	1,456.6	1,101.0	1,139.8
Cost of materials 2/	6,647.0	4,239.1	5,044.0	6,353.3	6,740.8	5,263.9
Value of shipments 2/	8,528.2	5,928.6	6,399.1	7,694.5	(D)	6,417.5
Total capital expenditures	135.7	85.6	75.0	101.3	108.4	(NA)

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

NA Not available.

1/ For years 2008 to 2013, 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.

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, 2008* (March 2010) <[http://www.census.gov/econ/census07/www/get\\_data.html](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](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](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?ft=table>> accessed June 26, 2013; U.S. Census Bureau, 2012 Economic Census, Sector 31: EC1231A1, "Manufacturing: Geographic Area Series: Industry Statistics for the States, Metropolitan and Micropolitan Statistical Areas, Counties, and Places: 2012" <[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/31A1/0400000US15/naics~31-33](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/31A1/0400000US15/naics~31-33)> accessed June 24, 2015; U.S. Census Bureau, Annual Survey of Manufacturers: AM1331AS101, "Geographic Area Series: Statistics for All Manufacturing by State: 2013" <<http://factfinder.census.gov/bkmk/table/1.0/en/ASM/2013/31AS101/0400000US15/naics~31-33>> accessed June 24, 2015.

**Table 22.02-- DETAILED MANUFACTURING STATISTICS  
(NAICS 31-33): 2007 AND 2012**

[Statistics based on the 2012 North American Industry Classification System (NAICS)]

Item	Year	
	2007	2012
Companies 1/	942	764
All establishments 2/	984	796
0 to 19 employees	813	670
20 to 99 employees	148	104
100 employees or more	23	22
All employees 3/	14,127	11,440
Total compensation (\$1,000)	674,489	602,703
Annual payroll	511,486	465,024
Total fringe benefits	163,003	137,679
Employer cost for health insurance (\$1,000)	51,348	51,919
Production workers, average for year	9,487	7,396
Pay period including March 12	9,671	7,374
Pay period including June 12 4/	9,478	7,355
Pay period including September 12 4/	9,416	7,412
Pay period including December 12 4/	9,383	7,443
Production-worker hours (1,000)	17,480	13,640
Production-worker wages (\$1,000)	294,394	257,974
Total cost of materials (\$1,000)	5,812,515	6,740,826
Materials, parts, containers, packaging, etc., used	5,010,642	5,975,005
Resales	632,000	570,928
Purchased fuels	98,510	121,202
Purchased electricity	32,373	43,758
Contract work	38,990	29,933
Quantity of electricity purchased for heat and power (1,000 kWh)	193,390	129,712
Quantity of electricity generated (1,000 kWh)	454,207	(D)
Quantity of electricity sold or transferred (1,000 kWh)	(D)	(D)
Total value of shipments (\$1,000)	8,799,266	(D)
Value of resales	730,979	645,048
Value added (\$1,000)	3,013,731	1,101,021

Continued on next page.



**Table 22.02-- DETAILED MANUFACTURING STATISTICS  
(NAICS 31-33): 2007 AND 2012 -- Con.**

Item	Value	
	2007	2012
Total inventories, beginning of year (\$1,000)	761,942	781,501
Finished goods	485,768	(D)
Work-in-process	(D)	(D)
Materials and supplies	(D)	188,586
Total inventories, end of year (\$1,000)	776,859	1,025,186
Finished goods	542,393	390,834
Work-in-process	69,898	403,979
Materials and supplies	164,568	230,373
Gross value of depreciable assets (acquisition costs) at beginning of year (\$1,000)	1,788,164	2,698,293
Total capital expenditures (new and used)	86,735	108,404
Buildings and other structures	15,982	12,834
Machinery and equipment	70,753	95,570
Automobiles, trucks, etc., for highway use	6,713	5,922
Computers and peripheral data processing equipment	8,606	5,513
All other expenditures for machinery and equipment	55,434	84,135
Total retirements	88,206	26,143
Gross value of depreciable assets at end of year (\$1,000)	1,786,693	2,780,554
Depreciation charges during year (\$1,000)	83,345	160,578
Total rental payments (\$1,000)	49,759	60,822
Buildings and other structures	31,654	47,139
Machinery and equipment	18,105	13,683

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, June, September, and December plus other employees for payroll period that includes the 12th of March.

4/ Dates revised from previous *Data Book*.

Source: 2007 Economic Census: EC0731A2, "Manufacturing, Geographic Area Series, Detailed Statistics for the State: 2007" (April 2010) <[http://www.census.gov/econ/census07/www/get\\_data.html](http://www.census.gov/econ/census07/www/get_data.html)> accessed June 9, 2010; 2012 Economic Census: EC1231A2, "Manufacturing, Geographic Area Series, Detailed Statistics for the State: 2012" (June 2015) <[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/31A2/0400000US15/naics~31-33](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/31A2/0400000US15/naics~31-33)> accessed July 1, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 22.03-- STATISTICAL SUMMARY OF MANUFACTURING  
(NAICS 31-33), BY COUNTY: 2012**

[For the State, industries with 100 employees or more; for the counties, industries with 500 employees or more. Statistics based on the 2012 North American Industry Classification System (NAICS)]

<b>Subject</b>	<b>State total</b>	<b>City and County of Honolulu</b>	<b>Hawaii</b>	<b>Maui</b>	<b>Kauai</b>
All establishments 1/ With 20 employees or more	796 126	544 106	112 13	99 7	41 -
All employees					
Number	11,440	9,076	1,182	997	185
Payroll (\$1,000)	465,024	370,762	46,354	41,107	6,801
Production workers					
Number	7,396	5,836	823	623	114
Hours (1,000)	13,640	10,715	1,463	1,261	201
Wages (\$1,000)	257,974	201,848	26,236	25,641	4,249
Value added by manufacture (\$1,000)	1,101,021	761,410	145,838	172,964	20,809
Cost of materials 2/ (\$1,000)	6,740,826	6,486,422	133,398	104,138	16,868
Value of shipments 2/ (\$1,000)	(D)	(D)	283,326	(D)	(D)
Total capital expenditures (\$1,000)	108,404	84,849	10,304	12,318	933

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

1/ Includes establishments with payroll at any time during the year.

2/ 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, 2012 Economic Census: EC1231A1, "Manufacturing, Geographic Area Series, Industry Statistics for the States, Metropolitan and Micropolitan Statistical Areas, Counties, and Places: 2012" (June 2015) <[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/31A1/0400000US15|0400000US15.05000/naics~31-33](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/31A1/0400000US15|0400000US15.05000/naics~31-33)> accessed July 6, 2015.

**Table 22.04-- MANUFACTURING, BY SELECTED INDUSTRY GROUP  
(NAICS 31-33): 2013**

[Industry groups with 950 employees or more. Statistics based on the 2012 North American Industry Classification System (NAICS)]

<b>Subject</b>	<b>Total</b>	<b>Food NAICS 311</b>	<b>Food, bakeries &amp; tortilla NAICS 3118</b>	<b>Printing &amp; related support NAICS 323</b>	<b>Printing &amp; related support NAICS 3231</b>	<b>Non- metallic mineral NAICS 327</b>
All employees						
Number	10,825	4,631	1,927	531	531	884
Payroll (\$1,000)	465,243	157,256	50,392	26,305	26,305	48,385
Production workers						
Number	6,912	3,020	1,366	265	265	627
Hours (1,000)	13,408	5,595	2,120	801	801	1,398
Wages (\$1,000)	268,039	87,645	31,178	16,333	16,333	33,912
Total cost of materials						
(\$1,000) 1/	5,263,886	544,141	81,820	47,395	47,395	122,962
(\$1,000) 1/	6,417,533	1,067,403	199,890	118,695	118,695	(D)
Value added (\$1,000)	1,139,809	538,883	118,639	70,406	70,406	157,430

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

1/ 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: AM1331AS101: Geographic Area Statistics: Statistics for All Manufacturing by State: 2013 <<http://factfinder.census.gov/bkmk/table/1.0/en/ASM/2013/31AS101/0400000US15/naics~31-33|311|3118|323|3231|327>> accessed July 6, 2015.

**Table 22.05-- MANUFACTURING, EMPLOYMENT AND WAGES  
(NAICS 31-33), BY SELECTED NAICS CODE: 2014**

[Includes only establishments with payroll. Statistics based on the 2012 North American Industry Classification System (NAICS)]

NAICS code	Kind of business	Average establishments	Annual average employment	Total annual wages (\$1,000)	Annual wages per employee
	Total	930	13,890	573,292	41,274
311	Food	297	6,605	197,491	29,901
3112	Grain and Oilseed milling	3	48	1,694	35,549
3113	Sugar & confectionery product	21	820	30,967	37,745
3114	Fruit & vegetable preserving & specialty	17	362	10,044	27,726
3115	Dairy product	14	379	16,499	43,552
3116	Animal slaughtering & processing	18	439	14,947	34,075
3118	Bakeries & tortilla	136	2,580	65,543	25,404
3119	Other food	84	1,936	56,874	29,376
312	Beverage and tobacco product	27	914	43,311	47,382
3121	Beverage	27	914	43,311	47,382
314	Textile product mills	28	177	6,319	35,633
3141	Textile furnishings mills	8	111	4,391	39,439
3149	Other textile product mills	20	66	1,928	29,212
315	Apparel	59	497	14,303	28,793
3212	Plywood & engineered wood product	5	90	2,923	32,627
322	Paper	4	52	2,772	53,385
3222	Converted paper product	4	52	2,772	53,385
323	Printing & related support activities	105	799	28,747	35,975
3231	Printing & related support activities	105	799	28,747	35,975
324	Petroleum and coal products	7	475	54,797	115,282
325	Chemical	33	377	18,498	49,066
3251	Basic chemical	7	119	7,294	61,082
3254	Pharmaceutical and medicine	4	98	5,528	56,645
326	Plastics & rubber products	20	306	13,694	44,813
327	Nonmetallic mineral product	52	881	57,353	65,093
3271	Clay product and refractory	4	29	639	22,157
3272	Glass and glass product	8	37	964	26,114
3273	Cement & concrete product	25	699	50,383	72,122
3279	Other nonmetallic mineral products	16	117	5,367	45,968
332	Fabricated metal product	43	312	17,544	56,200
3323	Architectural and structural metals	30	220	11,526	52,432
334	Computer & electronic product	12	186	13,975	74,969

Continued on next page.

**Table 22.05-- MANUFACTURING, EMPLOYMENT AND WAGES  
(NAICS 31-33), BY SELECTED NAICS CODE: 2014 -- Con.**

<b>NAICS code</b>	<b>Kind of business</b>	<b>Average establishments</b>	<b>Annual average employment</b>	<b>Total annual wages (\$1,000)</b>	<b>Annual wages per employee</b>
336	Transportation equipment	27	739	45,855	62,078
3366	Ship & boat building	20	712	44,366	62,275
337	Furniture & related product	52	351	15,776	45,000
3371	Household and institutional furniture	41	257	11,130	43,322
339	Miscellaneous	130	862	29,400	34,107
3391	Medical equipment & supplies	33	177	6,582	37,276
3399	Other miscellaneous	97	685	22,818	33,290

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, "Private, All Industry Aggregations, Hawaii 2014 Annual Averages, All Establishment Sizes"  
<[http://www.bls.gov/cew/apps/table\\_maker/v4/table\\_maker.htm#type=11&year=2014&qtr=A&own=5&area=15000&supp=0](http://www.bls.gov/cew/apps/table_maker/v4/table_maker.htm#type=11&year=2014&qtr=A&own=5&area=15000&supp=0)> accessed July 10, 2015.

**Table 22.06-- GENERAL EXCISE TAX BASE FOR MANUFACTURING:  
1987 TO 2014**

[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	1997	581,259	2007	766,208
1988	629,303	1998	535,371	2008	795,352
1989	630,997	1999	585,305	2009	752,237
1990	728,387	2000	586,039	2010	708,787
1991	714,407	2001	611,292	2011	695,442
1992	714,470	2002	612,658	2012	646,969
1993	717,423	2003	638,863	2013	655,222
1994	618,238	2004	642,245	2014	701,988
1995	614,771	2005	738,573		
1996	622,889	2006	781,626		

Source: Hawaii State Department of Taxation, "General Excise and Use Tax Base" (annual) and as revised. Beginning in 1997, <[http://tax.hawaii.gov/stats/a5\\_3txcolrptarchive/](http://tax.hawaii.gov/stats/a5_3txcolrptarchive/)> accessed July 13, 2015.

**Table 22.07-- 25 LARGEST INDUSTRIAL AND HIGH-TECHNOLOGY  
PARKS BY ISLAND: 2010 TO 2013**

[The 2014-2015 *Book of Lists* does not include Industrial & Technology Parks]

Subject	State total	Hawaii	Maui	Molokai	Oahu	Kauai
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 1/	1,125	207	20	(NA)	883	15
Number of owners 2/	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 3/	733	216	20	(NA)	482	15
Number of owners 4/	438	111	145	9	163	10
2012						
Number of parks	25	4	5	1	13	2
Total acres	4,748.88	1,864.00	701.30	16.50	2,098.08	69.00
Developed acres	2,927.38	614.00	251.30	(NA)	1,993.08	69.00
Number of tenants 3/	721	212	20	(NA)	474	15
Number of owners 5/	377	111	90	(NA)	166	10
2013 6/						
Number of parks	25	4	5	1	13	2
Total acres	4,907.20	1,864.00	701.30	16.50	2,256.40	69.00
Developed acres	3,021.70	614.00	251.30	(NA)	2,087.40	69.00
Number of tenants 7/	691	212	20	(NA)	444	15
Number of owners 5/	408	111	90	(NA)	197	10

NA Not available.

1/ Data on number of tenants not available for 8 parks: 4 on Maui, 1 on Molokai, 2 on Oahu and 1 on Kauai.

2/ Data on number of owners not available for 3 parks: 1 on Maui, 1 on Oahu and 1 on Kauai.

3/ Data on number of tenants not available for 9 parks: 4 on Maui, 1 on Molokai, 3 on Oahu and 1 on Kauai.

4/ Data on number of owners not available for 7 parks: 2 on Maui, 4 on Oahu and 1 on Kauai.

5/ Data on number of owners not available for 9 parks: 3 on Maui, 1 on Molokai, 4 on Oahu and 1 on Kauai.

6/ Data revised from original list published in Vol. 51, No. 33 (October 11, 2013), p. 18.

7/ Data on number of tenants not available for 10 parks: 4 on Maui, 1 on Molokai, 4 on Oahu and 1 on Kauai.

Source: *Pacific Business News*, Vol. 47, No. 46 (January 8, 2010), p. 15; Vol. 48, No. 47 (January 14, 2011), p. 16; Vol. 50, No. 32 (October 5, 2012), p. 18; Vol. 51, No. 33 (October 11, 2013), p. 18; and *Book of Lists* (2014) Vol. 51, No. 43 (December 20, 2013), p. 76.

**Table 22.08-- PINEAPPLE COMPANIES AND CANNERIES, AND  
SUGAR COMPANIES AND MILLS, 1955 TO 2014,  
AND BY ISLAND, 2013 AND 2014**

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
2013	2/ 2	-	1	1
2014	2/ 2	-	1	1
ISLAND: 2013				
Hawaii	-	-	-	-
Maui	2/ 1	-	1	1
Oahu	2/ 1	-	-	-
Kauai	-	-	-	-
ISLAND: 2014				
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 2014**

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
2013	35,556	15,443	1,351,087	191,351	178,837	53,365
2014	35,556	14,193	1,261,235	161,525	172,828	51,615

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](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, *2012 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**  
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**Table 23.01-- GENERAL EXCISE TAX BASE FOR TRADE AND SERVICE  
ACTIVITIES: 1985 TO 2014**

[In thousands of dollars. Data are on a cash basis accounting]

<b>Year reported 1/</b>	<b>Retailing</b>	<b>Services 2/</b>	<b>Amusement, etc. 3/</b>	<b>Intermediary services</b>	<b>Wholesaling</b>
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
2013	29,667,015	13,341,442	391,118	614,317	14,795,784
2014	30,766,185	13,527,677	398,887	689,539	15,282,809

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://files.hawaii.gov/tax/stats/monthly/2014cy-ge\\_rev.pdf](http://files.hawaii.gov/tax/stats/monthly/2014cy-ge_rev.pdf)> accessed June 15, 2015.

**Table 23.02-- RETAIL ESTABLISHMENTS, BY PAYROLL STATUS:  
1972 TO 2012**

[Coverage has differed somewhat from census to census. Statistics currently 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]

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
2012	14,155	4,643	9,512	19,331	18,902	430

1/ Excludes food services (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 Accommodation 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](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](http://www.census.gov/epcd/nonemployer/2007/hi/HI000_44.HTM)> accessed January 21, 2010; 2012 Economic Census, Sector 44-45: EC1244A1: Retail Trade: Geographic Area Series: Summary Statistics for the U.S., States, Metro Areas, Counties, and Places: 2012 <[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/44A1/0400000US15/naics~44-45](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/44A1/0400000US15/naics~44-45)> accessed June 10, 2015; and *Nonemployer Statistics, Hawaii*, 2012 Retail Trade Hawaii <<http://www.census.gov/econ/nonemployer/index.html>> accessed June 10, 2015.

**Table 23.03-- CHARACTERISTICS OF RETAIL ESTABLISHMENTS  
(NAICS 44-45) WITH PAYROLL, BY BROAD GEOGRAPHIC AREA: 2012**

[Includes establishments with payroll. Statistics based on the  
2012 North American Industry Classification System (NAICS)]

<b>Subject</b>	<b>State total</b>	<b>Oahu</b>	<b>Other islands 1/</b>
Number of establishments	4,643	2,889	1,754
Sales (\$1,000)	18,901,745	13,036,448	5,865,297
Annual payroll (\$1,000)	1,835,021	1,233,102	601,919
First quarter payroll (\$1,000)	451,327	303,670	147,657
Paid employees for pay period including March 12	68,360	46,165	22,195

1/ DBEDT calculation.

Source: U.S. Census Bureau, 2012 Economic Census, Sector 44-45: EC1244A1: Retail Trade: Geographic Area Series, Summary Statistics for the U.S., States, Metro Areas, Counties, and Places: 2012  
<[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/44A1/0400000US15|0400000US15.05000/naics~44-45](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/44A1/0400000US15|0400000US15.05000/naics~44-45)> accessed May 22, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.



**Table 23.04-- RETAIL ESTABLISHMENTS (NAICS 44-45), BY COUNTY AND  
SELECTED PLACE: 2012**

[Includes establishments with payroll. Statistics based on the  
2012 North American Industry Classification System (NAICS)]

<b>Geographic area</b>	<b>Number of establishments</b>	<b>Sales (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Number of employees 1/</b>
State total	4,643	18,901,745	1,835,021	68,360
Hawaii County	648	2,390,830	241,327	9,084
Captain Cook	9	30,185	3,599	128
Hilo	228	969,620	101,573	3,849
Holualoa	12	15,027	795	32
Honaunau-Napoopoo	4	3,571	371	18
Kahaluu-Keauhou	7	41,578	4,287	166
Kailua	145	526,481	60,443	2,239
Kalaoa	30	304,739	21,134	570
Mountain View	4	6,210	384	22
Waikoloa Village	14	23,524	2,110	68
Waimea	28	97,106	9,167	350
Balance of Hawaii County 2/	167	372,789	37,464	1,642
Honolulu County	2,889	13,036,448	1,233,102	46,165
Aiea	45	100,683	9,842	477
East Honolulu	55	343,330	27,898	962
Ewa Beach	12	50,966	5,181	373
Ewa Gentry	7	30,166	2,802	128
Halawa	16	18,589	1,569	64
Haleiwa	34	92,528	9,964	398
Hauula	3	3,613	332	24
Kahaluu	3	4,187	400	26
Kailua	96	322,096	32,694	1,388
Kaneohe	119	481,466	46,461	1,597
Kaneohe Station	6	6,899	840	26
Kapolei	21	373,649	27,470	1,067
Laie	8	34,426	3,475	178
Maili	6	8,156	534	30
Makakilo	5	(D)	(D)	(3/)
Mililani Mauka	5	(D)	(D)	(4/)
Mililani Town	34	253,019	25,466	974
Nanakuli	14	39,270	3,101	171
Ocean Pointe	6	31,571	809	43
Pearl City	65	672,495	49,906	2,081
Pupukea	9	21,976	2,537	110
Royal Kunia	8	101,689	11,686	458

Continued on next page.

**Table 23.04-- RETAIL ESTABLISHMENTS (NAICS 44-45), BY COUNTY AND  
SELECTED PLACE: 2012 -- Con.**

<b>Geographic Area</b>	<b>Number of establishments</b>	<b>Sales (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Number of employees 1/</b>
Honolulu County - Con.				
Schofield Barracks	5	6,578	842	39
Urban Honolulu	1,851	7,684,234	748,593	26,485
Wahiawa	43	114,150	10,338	461
Waialua	9	13,121	983	46
Waianae	20	120,609	9,669	430
Waikele	53	274,822	25,986	1,614
Waimalu	115	429,286	44,100	2,144
Waimanalo	10	22,974	2,281	87
Waimanalo Beach	4	6,170	537	31
Waipahu	106	866,132	76,833	2,248
Waipio	15	54,655	4,562	164
Balance of Honolulu County 2/	81	(D)	(D)	(D)
Kalawao County	1	(D)	(D)	(3/)
Kalawao County	1	(D)	(D)	(3/)
Kauai County	347	1,013,489	102,373	3,937
Hanamaulu	6	8,086	625	44
Hanapepe	10	14,603	2,061	61
Kalaheo	9	11,670	838	31
Kapaa	50	137,980	14,713	572
Kilauea	14	22,489	2,046	95
Lihue	93	576,031	55,222	1,847
Puhi	11	17,173	1,876	67
Balance of Kauai County 2/	154	225,457	24,992	1,220
Maui County	758	(D)	(D)	(5/)
Haiku-Pauwela	7	11,384	1,477	47
Kaanapali	73	187,001	21,427	732
Kahului	194	1,252,291	124,760	4,127
Kaunakakai	18	50,691	5,361	182
Kihei	68	234,893	20,687	867
Kula	13	13,786	1,263	60
Lahaina	166	249,107	29,938	1,247
Lanai City	10	14,147	1,946	75
Makawao	19	17,722	1,797	72
Napili-Honokowai	9	32,525	2,517	95
Paia	27	52,578	6,304	231
Pukalani	8	88,540	9,450	344
Waihee/Waiehu	1	(D)	(D)	(3/)

Continued on next page.

**Table 23.04-- RETAIL ESTABLISHMENTS (NAICS 44-45), BY COUNTY AND  
SELECTED PLACE: 2012 -- Con.**

<b>Geographic Area</b>	<b>Number of establishments</b>	<b>Sales (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Number of employees 1/</b>
Maui County - Con.				
Wailea	57	99,284	14,146	458
Wailuku	58	132,004	16,169	502
Balance of Maui County	30	24,846	2,965	131

D Withheld to avoid disclosing data for individual companies.

1/ For week including March 12.

2/ This table displays fewer economic places within each county than the source document. Therefore, the balance of county figures were recalculated by DBEDT and differ from figures shown in the original source.

3/ 0 to 19 employees.

4/ 20 to 99 employees.

5/ 5,000 to 9,999 employees.

Source: U.S. Census Bureau, 2012 Economic Census, Sector 44-45: EC1244A1: Retail Trade: Geographic Area Series: Summary Statistics for the U.S., States, Metro Areas, Counties, and Places: 2012

<[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/44A1/0400000US15|0400000US15.05000|0400000US15.E6000/naics~44-45](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/44A1/0400000US15|0400000US15.05000|0400000US15.E6000/naics~44-45)> accessed May 18, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 23.05-- RETAIL ESTABLISHMENTS (NAICS 44-45) WITH PAYROLL,  
BY KIND OF BUSINESS: 2012**

[Includes establishments with payroll. Statistics based on the  
2012 North American Industry Classification System (NAICS)]

NAICS code	Kind of business	Number of establishments	Sales (\$1,000)	Annual payroll (\$1,000)	Number of employees 1/
44-45	Retail trade	4,643	18,901,745	1,835,021	68,360
441	Motor vehicle and parts dealers	322	2,742,825	278,726	5,981
442	Furniture and home furnishings stores	161	265,204	35,872	1,198
443	Electronics and appliance stores	158	411,831	38,448	1,706
444	Building material and garden equipment and supplies dealers	253	1,093,488	133,489	4,394
445	Food and beverage stores	676	3,208,071	327,056	13,474
446	Health and personal care stores	384	1,610,027	160,269	5,105
447	Gasoline stations	285	1,509,032	63,424	2,995
448	Clothing and clothing accessories stores	1,248	2,546,443	274,296	13,170
451	Sporting goods, hobby, book, and music stores	238	344,764	44,850	2,094
452	General merchandise stores	93	4,319,272	351,728	12,784
453	Miscellaneous store retailers	636	624,077	101,923	4,636
454	Nonstore retailers	189	226,711	24,940	823

1/ For week including March 12.

Source: U.S. Census Bureau, 2012 Economic Census, Sector 44-45: EC1244A1: Retail Trade: Geographic Area Series: Summary Statistics for the U.S., States, Metro Areas, Counties, and Places: 2012  
<[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/44A1/0400000US15/naics~ALL-L3-44-45](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/44A1/0400000US15/naics~ALL-L3-44-45)> accessed May 21, 2015.

**Table 23.06-- PRIVATE INDUSTRY RETAIL EMPLOYMENT AND WAGES,  
ANNUAL AVERAGES (NAICS 44-45): 2013**

[Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system]

NAICS code	Retail trade	Average establishments	Average employment	Total wages (\$1,000)	Wages per employee
	Total	4,435	69,678	2,005,137	28,777
441	Motor vehicle and parts dealers	334	6,449	313,894	48,677
442	Furniture and home furnishings stores	163	1,400	47,099	33,640
443	Electronics and appliance stores	115	1,367	49,193	35,997
444	Building material and garden supply stores	209	4,182	133,811	31,998
445	Food and beverage stores	652	14,107	373,520	26,477
446	Health and personal care stores	422	5,425	176,765	32,583
447	Gasoline stations	224	2,216	52,259	23,585
448	Clothing and clothing accessories stores	1,118	11,579	265,783	22,954
451	Sporting goods, hobby, book and music stores	256	2,946	60,892	20,673
452	General merchandise stores	132	13,889	368,677	26,545
453	Miscellaneous store retailers	672	5,610	145,660	25,966
454	Nonstore retailers	138	508	17,581	34,632

Source: U.S. Bureau of Labor Statistics, *Employment and Wages Annual Averages 2013*, table 10, <<http://www.bls.gov/cew/cewbultn13.htm#Tables>> accessed April 20, 2015.

**Table 23.07-- 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 23.08-- 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
<b>Oahu</b>						
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
<b>Hawaii</b>						
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
<b>Maui</b>						
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
<b>Kauai</b>						
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 23.09-- CHARACTERISTICS OF SHOPPING MALLS: 2013 AND 2014**

Subject	Hawaii		United States	Hawaii as percent of U.S.
	2013	2014	2014	
Number of shopping centers 1/	273	273	114,957	0.2
Shopping center space (millions sq ft) 1/	27.9	27.9	7,500	0.4
Shopping center space per capita (sq ft)	19.8	19.7	23.6	(X)
Shopping center jobs per center	211	210	110	(X)
Number of center jobs per 1,000 sq ft	2.1	2.1	1.7	(X)
Number of jobs (in thousands)	58	57	12,700	0.5
Shopping center share of total employment (percent)	9.3	9.2	9.1	(X)
Shopping center retail sales (millions of dollars)	9,300	9,500	2,500,000	0.4
Per capita shopping center sales	6,572	6,696	7,986	(X)
State sales tax revenue (millions of dollars) 2/	370	380	144,700	0.3

X Not applicable.

1/ Copyright, CoStar Realty Information, Inc., <www.costar.com>.

2/ Sales tax revenue generated at shopping centers, excludes states not taxing: Alaska, Delaware, New Hampshire, Montana and Oregon. Local government sales tax revenue not included.

Source: International Council of Shopping Centers, records.



**Table 23.10-- SHOPPING CENTER CHARACTERISTICS: 2011 TO 2014**

<b>Characteristic</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Count	269	272	273	273
Employment (thousands of jobs)	56	57	58	57
Gross leasable area (million square feet)	27	28	28	28
Retail sales (billion dollars)	8.7	9.0	9.3	9.5
Retail sales per square feet (dollars)	317	324	332	340

Source: International Council of Shopping Centers, Hawaii Council of Shopping Centers, *2014 Hawaii Council of Shopping Centers Directory*.

**Table 23.11-- 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](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 23.12-- DUTY-FREE STORE REVENUES: 1985 TO 2014**

[In dollars. These sales revenues are not included in the general excise and use tax base data cited elsewhere in this volume]

<b>Year</b>	<b>Revenues</b>	<b>Year</b>	<b>Revenues</b>
1985	180,126,919	2000	229,392,900
1986	270,891,959	2001	215,257,193
1987	369,788,429	2002	149,962,722
1988	445,072,755	2003	158,854,936
1989	451,185,041	2004	168,305,421
1990	413,932,037	2005	189,517,794
1991	378,587,469	2006	174,632,693
1992	421,953,644	2007	147,125,047
1993	397,322,968	2008	130,749,679
1994	413,417,555	2009	116,402,544
1995	419,548,514	2010	119,377,140
1996	425,824,748	2011	152,849,776
1997	355,636,355	2012	199,596,711
1998	271,692,798	2013	201,060,547
1999	192,429,772	2014	166,411,033

Source: DFS Hawaii, records; and for 1995-2014 data Hawaii State Department of Transportation, Airport Division, records.

**Table 23.13-- 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 23.14-- PRODUCT LINE SALES FOR RETAIL TRADE  
(NAICS 44-45): 2007**

<b>Products and services code</b>	<b>Meaning of products and services code</b>	<b>Number of establishments</b>	<b>Sales (\$1,000)</b>	<b>Line sales as % of sales of establishments with line</b>	<b>Line sales as % of total sales of NAICS</b>
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

Continued on next page.

**Table 23.14-- PRODUCT LINE SALES FOR RETAIL TRADE  
(NAICS 44-45): 2007 -- Con.**

<b>Products and services code</b>	<b>Meaning of products and services code</b>	<b>Number of establishments</b>	<b>Sales (\$1,000)</b>	<b>Line sales as % of sales of establishments with line</b>	<b>Line sales as % of total sales of NAICS</b>
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](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 23.15-- WHOLESALE TRADE ESTABLISHMENTS AND SALES  
(NAICS 42): 1939 TO 2012**

[Coverage has differed somewhat from census to census. Statistics currently 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]

Year	Number of establishments	Sales (\$1,000)	Year	Number of establishments	Sales (\$1,000)
1939	704	97,045	1982	1,737	4,084,369
1948	702	480,734	1987	1,998	5,362,490
1954	594	581,940	1992	2,202	8,001,621
1958	793	618,155	1997	1,872	7,147,462
1963	974	735,205	2002	1,876	9,986,355
1967	1,030	1,013,813	2007	1,844	12,672,267
1972	1,336	1,538,429	2012	1,751	13,466,008
1977	1,569	2,571,489			

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](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; *2012 Economic Census, Sector 42: EC1242A1: Wholesale Trade, Geographic Area Series: Summary Statistics for the U.S., States, Metro Areas, Counties, and Places: 2012* <[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/42A1/0400000US15/naics~42](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/42A1/0400000US15/naics~42)> accessed May 22, 2015.

**Table 23.16-- CHARACTERISTICS OF WHOLESALE ESTABLISHMENTS  
(NAICS 42), BY BROAD GEOGRAPHIC AREA: 2012**

[Includes establishments with payroll. Merchant wholesalers, except manufacturers' sales branches and offices. Statistics based on the 2012 North American Industry Classification System (NAICS)]

<b>Subject</b>	<b>State total</b>	<b>Oahu</b>	<b>Neighbor islands 1/</b>
Number of establishments	1,561	1,167	394
Sales (\$1,000)	9,607,982	8,052,799	1,555,183
Annual payroll (\$1,000)	724,517	596,874	127,643
First quarter payroll (\$1,000)	175,328	145,092	30,236
Paid employees for pay period including March 12 (number)	16,686	13,446	3,240
Operating expenses (\$1,000)	1,430,907	1,173,325	257,582
Inventories (\$1,000)			
Beginning of year	936,940	799,816	137,124
End of year	995,699	849,305	146,394

1/ DBEDT calculation.

Source: U.S. Census Bureau, 2012 Economic Census, Sector 42: EC1242A1: Wholesale Trade, Geographic Area Series, Summary Statistics for the U.S., States, Metro Areas, Counties, and Places: 2012 <[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/42A1/0400000US15|0400000US15.05000/naics~42](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/42A1/0400000US15|0400000US15.05000/naics~42)> accessed May 26, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.



**Table 23.17-- WHOLESALE TRADE (NAICS 42), BY KIND OF BUSINESS:  
2012**

[Includes establishments with payroll. Statistics based on the  
2012 North American Industry Classification System (NAICS)]

NAICS codes	Kind of business	Number of establishments	Sales (\$1,000)	Annual payroll (\$1000)	Number of employees 1/
42	Wholesale trade	1,751	13,466,008	844,540	18,761
4231	Motor vehicles and parts	55	642,691	38,170	818
4232	Furniture and home furnishings	58	136,694	19,601	439
4233	Lumber and other construction materials	74	377,075	32,060	641
4234	Commercial equipment	135	602,866	77,058	1,322
4235	Metals and minerals, except petroleum	23	104,522	9,887	202
4236	Electrical and electrical goods	104	511,356	50,599	828
4237	Hardware, and plumbing	82	438,736	42,609	702
4238	Machinery, equipment, and supplies	113	344,330	50,308	908
4239	Miscellaneous durable goods	182	331,695	43,883	1,252
4241	Paper and paper products	70	1,064,062	28,735	669
4242	Drugs and druggists' sundries	64	1,172,410	34,505	772
4243	Apparel, piece goods, and notions	95	138,777	21,029	652
4244	Grocery and related products	309	2,984,713	227,482	5,776
4245	Farm product raw materials	3	1,634	379	14
4246	Chemical and allied products	37	(D)	(D)	(2/)
4247	Petroleum and petroleum products	26	(D)	(D)	(2/)
4248	Beer, wine, and distilled alcoholic beverages	34	698,177	62,698	1,248
4249	Miscellaneous nondurable goods	184	(D)	(D)	(3/)
4251	Wholesale electronic markets and agents and brokers	103	901,175	19,789	477

D Withheld to avoid disclosing data for individual companies.

1/ For week including March 12.

2/ 250 to 499 employees.

3/ 1,000 to 2,499 employees.

Source: U.S. Census Bureau, 2012 Economic Census, Sector 42: EC1242A1: Wholesale Trade, Geographic Area Series, Summary Statistics for the U.S., States, Metro Areas, Counties, and Places: 2012

<[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/42A1/0400000US15/naics~42|4231|4232|4233|4234|4235|4236|4237|4238|4239](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/42A1/0400000US15/naics~42|4231|4232|4233|4234|4235|4236|4237|4238|4239)> accessed May 27, 2015.

**Table 23.18-- WHOLESALE TRADE (NAICS 42), BY COUNTY AND SELECTED PLACE: 2012**

[Includes establishments with payroll. Merchant wholesalers, except manufacturers' sales and offices. Statistics based on the 2012 North American Industry Classification System (NAICS)]

<b>Geographic area</b>	<b>Number of establishments</b>	<b>Sales (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Number of employees 1/</b>
Hawaii	1,561	9,607,982	724,517	16,686
Hawaii County	178	(D)	(D)	(2/)
Hawaiian Paradise Park	2	(D)	(D)	(3/)
Hilo	71	328,057	31,409	839
Honaunau/Napoopoo	2	(D)	(D)	(3/)
Kailua	26	55,801	5,986	138
Kalaoa	22	96,548	8,841	218
Balance of Hawaii County 4/	55	(D)	(D)	(D)
Honolulu County	1,167	8,052,799	596,874	13,446
Aiea	10	15,547	1,659	48
East Honolulu	33	22,461	2,354	65
Ewa Beach	2	(D)	(D)	(3/)
Halawa	28	162,428	11,532	258
Haleiwa	3	9,907	359	20
Kahaluu	4	2,920	275	7
Kailua	17	21,389	2,769	62
Kaneohe	12	11,469	986	19
Kapolei	7	92,258	7,857	149
Laie	2	(D)	(D)	(5/)
Maili	2	(D)	(D)	(3/)
Makakilo	5	2,163	299	14
Mililani Mauka	5	(D)	(D)	(5/)
Mililani Town	9	2,862	495	16
Pearl City	38	261,860	19,264	463
Pupukea	2	(D)	(D)	(3/)
Urban Honolulu	782	5,712,767	399,801	9,002
Wahiawa	6	7,233	1,019	30
Waialua	3	1,024	209	11
Waimalu	10	51,941	5,871	125
Waimanalo	6	20,326	1,559	61
Waipahu	56	292,465	35,089	790
Waipio	27	383,578	33,430	741
Balance of Honolulu County 4/	98	(D)	(D)	(D)

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**Table 23.18-- WHOLESALE TRADE (NAICS 42), BY COUNTY AND SELECTED PLACE: 2012 -- Con.**

<b>Geographic area</b>	<b>Number of establishments</b>	<b>Sales (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Number of employees 1/</b>
Kauai County	76	(D)	(D)	(6/)
Hanapepe	2	(D)	(D)	(3/)
Kalaheo	2	(D)	(D)	(3/)
Kapaa	11	20,715	1,862	80
Lihue	37	153,004	11,577	323
Puhi	14	73,164	7,221	138
Balance of Kauai County 4/	10	(D)	(D)	(D)
Maui County	140	714,580	50,414	1,141
Haiku-Pauwela	10	9,059	2,022	36
Kaanapali	2	(D)	(D)	(3/)
Kahului	52	513,480	31,802	637
Kaunakakai	4	6,015	470	8
Kihei	12	22,473	2,056	65
Kula	3	(D)	(D)	(5/)
Lahaina	5	(D)	(D)	(5/)
Lanai City	1	(D)	(D)	(3/)
Makawao	3	(D)	(D)	(3/)
Pukalani	5	(D)	(D)	(3/)
Waihee/Waiehu	2	(D)	(D)	(3/)
Wailuku	36	124,547	10,918	285
Balance of Maui County 4/	5	(D)	(D)	(D)

D Withheld to avoid disclosing data for individual companies.

1/ For week including March 12.

2/ 1,000 to 2,499 employees.

3/ 0 to 19 employees.

4/ This table displays less economic places within each county than the source document. Therefore, the balance of county figures were recalculated and differ from figures shown in the original source.

5/ 20 to 99 employees.

6/ 500 to 999 employees.

Source: U.S. Census Bureau, 2012 Economic Census, Sector 42: EC1242A1: Wholesale Trade: Geographic Area Series: Summary Statistics for the U.S., States, Metro Areas, Counties, and Places: 2012

<[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/42A1/0400000US15|0400000US15.05000|0400000US15.E6000/naics~42](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/42A1/0400000US15|0400000US15.05000|0400000US15.E6000/naics~42)> accessed May 27, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 23.19-- PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES ESTABLISHMENTS (NAICS 54), BY COUNTY AND SELECTED PLACE: 2012**

[Includes establishments with payroll. Statistics based on the 2012 North American Industry Classification System (NAICS)]

<b>Geographic area</b>	<b>Number of establishments</b>	<b>Receipts/ revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Number of employees 1/</b>
State total	3,226	3,334,059	1,265,631	21,629
Hawaii County	294	193,315	72,089	1,502
Captain Cook	3	(D)	(D)	(2/)
Hawaiian Paradise Park	3	(D)	(D)	(2/)
Hilo	101	79,436	30,978	653
Holualoa	10	1,170	365	17
Kahaluu-Keauhou	6	1,428	557	10
Kailua	62	27,010	9,806	233
Kalaoa	22	11,254	2,507	125
Waikoloa Village	8	1,440	498	20
Waimea	31	50,466	21,249	282
Balance of Hawaii County 3/	48	(D)	(D)	(D)
Honolulu County	2,399	2,895,066	1,105,443	18,234
Ahuimanu	7	990	374	10
Aiea	16	9,676	3,265	108
East Honolulu	110	33,806	12,233	282
Ewa Beach	3	(D)	(D)	(2/)
Ewa Gentry	3	(D)	(D)	(2/)
Halawa	16	5,884	2,270	42
Haleiwa	3	(D)	(D)	(2/)
Heeia	5	1,143	322	12
Hickam Housing	3	(D)	(D)	(4/)
Kahaluu	6	639	236	6
Kailua	96	(D)	(D)	(5/)
Kaneohe	51	28,938	11,140	299
Kaneohe Station	15	10,303	4,889	74
Kapolei	11	4,887	1,748	102
Laie	3	(D)	(D)	(4/)
Makakilo	7	1,675	461	15
Mililani Mauka	15	13,348	7,485	58
Mililani Town	18	6,220	2,534	81
Nanakuli	3	713	259	15
Ocean Pointe	6	2,642	763	40
Pearl City	36	27,585	10,307	224
Pupukea	6	761	151	8

Continued on next page.

**Table 23.19-- PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES ESTABLISHMENTS (NAICS 54), BY COUNTY AND SELECTED PLACE: 2012 -- Con.**

<b>Geographic area</b>	<b>Number of establishments</b>	<b>Receipts/ revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Number of employees 1/</b>
Honolulu County - Con.				
Royal Kunia	6	(D)	(D)	(4/)
Schofield Barracks	20	39,089	15,213	244
Urban Honolulu	1,709	2,414,461	914,628	14,263
Wahiawa	22	20,856	8,324	149
Waialua	3	1,300	432	15
Waianae	9	3,135	1,112	43
Waikele	3	481	127	15
Waimalu	24	20,599	9,853	193
Waimanalo	7	19,513	7,762	154
Waipahu	20	15,240	5,422	226
Waipio	15	9,977	5,539	121
West Loch	3	363	164	3
Balance of Honolulu County 3/	119	(D)	(D)	(D)
Kauai County	143	59,283	21,110	512
Kalaheo	9	2,450	727	32
Kapaa	17	3,581	974	49
Kekaha	7	6,490	2,223	33
Kilauea	14	1,575	371	16
Lihue	46	21,217	8,244	245
Puhi	5	2,824	1,490	29
Wailua Homesteads	7	3,199	1,034	39
Balance of Kauai County 3/	38	17,947	6,047	69
Maui County	390	186,395	66,989	1,381
Haiku-Pauwela	24	4,635	892	24
Kaanapali	9	4,708	1,295	41
Kahului	43	27,726	9,515	258
Kihei	51	44,605	19,721	258
Kula	29	7,451	2,689	60
Lahaina	21	7,122	1,646	80
Lanai City	2	(D)	(D)	(2/)
Makawao	13	3,568	987	25
Napili-Honokowai	4	969	293	4
Paia	11	2,070	506	14
Pukalani	13	2,243	895	37
Waikapu	3	276	98	2

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**Table 23.19-- PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES ESTABLISHMENTS (NAICS 54), BY COUNTY AND SELECTED PLACE: 2012 -- Con.**

<b>Geographic area</b>	<b>Number of establishments</b>	<b>Receipts/ revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Number of employees 1/</b>
Maui County - Con.				
Wailea	22	4,353	886	25
Wailuku	129	71,070	26,081	524
Balance of Maui County 3/	16	(D)	(D)	(D)

D Withheld to avoid disclosing data for individual companies.

1/ For week including March 12.

2/ 0 to 19 employees

3/ This table displays less economic places within each county than the source document. Therefore, the balance of county figures were recalculated and differ from figures shown in the original source.

4/ 20 to 99 employees.

5/ 500 to 999 employees.

Source: U.S. Census Bureau, 2012 Economic Census, Sector 54: EC1254A1: Professional, Scientific, and Technical Services: Geographic Area Series, Summary Statistics for the U.S., States, Metro Areas, Counties, and Places: 2012 <[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/54A1/0400000US15|0400000US15.05000|0400000US15.E6000/naics~54](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/54A1/0400000US15|0400000US15.05000|0400000US15.E6000/naics~54)> accessed June 3, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 23.20-- ADMINISTRATIVE AND SUPPORT AND WASTE MANAGEMENT AND REMEDIATION SERVICES ESTABLISHMENTS (NAICS 56), BY COUNTY AND SELECTED PLACE: 2012**

[Includes establishments with payroll. Statistics based on the 2012 North American Industry Classification System (NAICS)]

Geographic area	Number of establishments	Receipts (\$1,000)	Annual payroll (\$1,000)	Number of employees 1/
State total	1,799	2,893,771	1,355,113	47,307
Hawaii County	235	275,783	143,164	5,616
Hawaiian Paradise Park	3	(D)	(D)	(2/)
Hilo	62	73,968	40,185	1,669
Holualoa	12	10,193	2,949	89
Kahaluu-Keauhou	6	2,102	602	15
Kailua	41	(D)	(D)	(3/)
Kalaoa	28	39,926	18,817	727
Waikoloa Village	14	6,766	966	32
Waimea	15	4,029	1,464	40
Balance of Hawaii County 4/	54	(D)	(D)	(5/)
Honolulu County	1,169	2,203,990	1,022,281	34,800
Aiea	13	8,804	2,702	100
East Honolulu	50	(D)	(D)	(6/)
Ewa Beach	8	766	350	22
Ewa Gentry	9	(D)	(D)	(7/)
Halawa	19	31,435	6,957	187
Haleiwa	7	(D)	(D)	(7/)
Hauula	3	(D)	(D)	(2/)
Heeia	4	(D)	(D)	(7/)
Kahaluu	4	(D)	(D)	(2/)
Kahuku	3	845	279	11
Kailua	43	26,395	12,008	348
Kaneohe	28	11,673	3,606	186
Kaneohe Station	3	(D)	(D)	(7/)
Kapolei	12	9,534	5,486	297
Maili	4	83	49	2
Makaha	3	162	59	4
Makakilo	10	6,892	1,899	72
Mililani Mauka	11	4,040	1,392	67
Mililani Town	16	4,868	1,563	70
Nanakuli	5	(D)	(D)	(7/)
Pearl City	29	30,447	12,636	488
Pupukea	4	(D)	(D)	(7/)
Royal Kunia	8	(D)	(D)	(7/)

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**Table 23.20-- ADMINISTRATIVE AND SUPPORT AND WASTE MANAGEMENT AND REMEDIATION SERVICES ESTABLISHMENTS (NAICS 56), BY COUNTY AND SELECTED PLACE: 2012 -- Con.**

<b>Geographic area</b>	<b>Number of establishments</b>	<b>Receipts (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Number of employees 1/</b>
Honolulu County - Con.				
Schofield Barracks	5	4,748	2,999	132
Urban Honolulu	706	1,539,531	717,840	25,562
Wahiawa	16	(D)	(D)	(5/)
Waianae	5	(D)	(D)	(7/)
Waimalu	17	27,150	11,915	423
Waimanalo	9	(D)	(D)	(8/)
Waipahu	32	40,924	12,895	572
Waipio	14	15,165	7,493	283
Waipio Acres	4	(D)	(D)	(7/)
Balance of Honolulu County 4/	65	(D)	(D)	(D)
Kauai County	124	110,789	52,290	1,990
Kapaa	11	(D)	(D)	(9/)
Kekaha	7	8,046	3,462	103
Kilauea	10	10,128	5,817	286
Lihue	23	26,119	8,427	366
Puhi	6	3,392	1,590	66
Wailua Homesteads	10	3,917	1,361	54
Balance of Kauai County 4/	57	(D)	(D)	(D)
Maui County	271	303,209	137,378	4,901
Haiku-Pauwela	18	5,880	1,698	54
Kaanapali	6	1,303	658	21
Kahului	53	97,251	56,866	2,052
Kaunakakai	3	1,439	143	11
Kihei	41	28,642	11,969	307
Kula	11	7,564	2,542	109
Lahaina	20	46,539	27,982	969
Lanai City	4	(D)	(D)	(7/)
Makawao	11	5,630	3,207	175
Napili-Honokowai	8	4,747	1,721	56
Paia	4	474	142	6
Pukalani	9	(D)	(D)	(8/)
Waihee/Waiehu	3	(D)	(D)	(2/)
Waikapu	3	538	150	7
Wailea	12	9,449	1,086	57
Wailuku	48	70,854	20,474	746
Balance of Maui County 4/	17	(D)	(D)	(D)

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**Table 23.20-- ADMINISTRATIVE AND SUPPORT AND WASTE MANAGEMENT AND REMEDIATION SERVICES ESTABLISHMENTS (NAICS 56), BY COUNTY AND SELECTED PLACE: 2012 -- Con.**

D Withheld to avoid disclosing data for individual companies.

1/ For week including March 12.

2/ 0 to 19 employees.

3/ 1,000 to 2,499 employees.

4/ This table displays less economic places within each county than the source document. Therefore, the balance of county figures were recalculated by DBEDT and differ from figures shown in the original source.

5/ 250 to 499 employees.

6/ 2,500 to 4,999 employees.

7/ 20 to 99 employees.

8/ 100 to 249 employees.

9/ 500 to 999 employees.

Source: U.S. Census Bureau, 2012 Economic Census, Sector 56: EC1256A1: Administrative and Support and Waste Management and Remediation Services: Geographic Area Series, Summary Statistics for the U.S., States, Metro Areas, Counties, and Places: 2012 <[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/56A1/0400000US15|0400000US15.05000|0400000US15.E6000/naics~56](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/56A1/0400000US15|0400000US15.05000|0400000US15.E6000/naics~56)> accessed June 3, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 23.21-- EDUCATIONAL SERVICES ESTABLISHMENTS (NAICS 61),  
BY COUNTY AND SELECTED PLACE: 2012**

[Includes establishments with payroll. Statistics based on the  
2012 North American Industry Classification System (NAICS)]

<b>Geographic area</b>	<b>Number of establishments</b>	<b>Receipts/ revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Number of employees 1/</b>
State total	347	158,389	51,088	2,410
Hawaii County	29	17,307	5,186	195
Hilo	7	1,080	340	36
Kahaluu-Keauhou	3	1,337	472	12
Kailua	9	7,940	2,323	87
Waimea	4	(D)	(D)	(2/)
Balance of Hawaii County 3/	6	(D)	(D)	(D)
Honolulu County	255	119,855	39,539	1,909
Ahuimanu	2	(D)	(D)	(4/)
Aiea	6	804	224	26
East Honolulu	9	806	269	14
Haleiwa	4	1,114	166	4
Kailua	7	3,081	1,532	39
Kaneohe	7	2,379	1,011	45
Kapolei	2	(D)	(D)	(4/)
Mililani Mauka	3	1,455	459	35
Mililani Town	4	522	143	22
Pearl City	3	798	255	25
Urban Honolulu	163	83,320	29,225	1,399
Wahiawa	6	659	161	34
Waimalu	9	3,020	889	70
Waipahu	6	853	325	32
Waipio	4	1,790	307	48
Balance of Honolulu County 3/	20	(D)	(D)	(D)
Kauai County	16	4,502	1,311	76
Kalaheo	2	(D)	(D)	(4/)
Kapaa	3	495	133	14
Lihue	4	831	277	18
Balance of Kauai County 3/	7	(D)	(D)	(D)

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**Table 23.21-- EDUCATIONAL SERVICES ESTABLISHMENTS (NAICS 61),  
BY COUNTY AND SELECTED PLACE: 2012 -- Con.**

<b>Geographic area</b>	<b>Number of establishments</b>	<b>Receipts/ revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Number of employees 1/</b>
Maui County	47	16,725	5,052	230
Haiku/Pauwela	2	(D)	(D)	(4/)
Kahului	10	2,106	738	39
Kihei	9	2,332	682	45
Lahaina	5	4,154	1,214	31
Makawao	4	3,031	726	27
Pukalani	3	139	37	3
Wailea	3	(D)	(D)	(2/)
Wailuku	3	(D)	(D)	(4/)
Balance of Maui County 3/	8	(D)	(D)	(D)

D Withheld to avoid disclosing data for individual companies.

1/ For week including March 12.

2/ 20 to 99 employees.

3/ This table displays less economic places within each county than the source document. Therefore, the balance of county figures were recalculated by DBEDT and differ from figures shown in the original source.

4/ 0 to 19 employees.

Source: U.S. Census Bureau, 2012 Economic Census, Sector 61: EC1261A1: Educational Services: Geographic Area Series: Summary Statistics for the U.S., States, Metro Areas, Counties, and Places: 2012 <[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/61A1/0400000US15|0400000US15.05000|0400000US15.E6000/naics~61](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/61A1/0400000US15|0400000US15.05000|0400000US15.E6000/naics~61)> accessed June 3, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 23.22-- ARTS, ENTERTAINMENT, AND RECREATION  
ESTABLISHMENTS (NAICS 71), BY COUNTY AND  
SELECTED PLACE: 2012**

[Includes establishments with payroll. Statistics based on the  
2012 North American Industry Classification System (NAICS)]

<b>Geographic area</b>	<b>Number of establishments</b>	<b>Receipts/revenues (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Number of employees 1/</b>
State total	495	843,628	249,168	10,623
Hawaii County	69	89,358	29,355	1,149
Captain Cook	3	726	282	22
Hilo	11	6,874	1,930	144
Kailua	12	38,708	15,609	538
Waikoloa Village	3	(D)	(D)	(2/)
Waimea	4	464	197	11
Balance of Hawaii County 3/	36	(D)	(D)	(D)
Honolulu County	259	537,106	145,031	6,495
Aiea	4	(D)	(D)	(4/)
East Honolulu	14	32,847	10,313	434
Halawa	4	(D)	(D)	(4/)
Kahaluu	3	(D)	(D)	(5/)
Kailua	13	14,292	4,601	194
Kaneohe	14	13,766	3,553	236
Kapolei	9	20,606	4,609	266
Laie	2	(D)	(D)	(6/)
Mililani Town	3	8,793	1,800	119
Pearl City	3	11,922	2,452	146
Pupukea	6	7,997	2,437	67
Urban Honolulu	137	224,074	59,976	2,747
Wahiawa	3	(D)	(D)	(5/)
Waimalu	4	10,509	2,948	165
Waimanalo Beach	2	(D)	(D)	(5/)
Waipahu	4	(D)	(D)	(4/)
Balance of Honolulu County 3/	34	(D)	(D)	(D)
Kauai County	47	76,112	27,163	951
Hanapepe	3	1,067	178	10
Kalaheo	3	(D)	(D)	(2/)
Kapaa	4	(D)	(D)	(4/)
Lihue	12	13,814	5,918	242
Balance of Kauai County 3/	25	(D)	(D)	(D)

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**Table 23.22-- ARTS, ENTERTAINMENT, AND RECREATION  
ESTABLISHMENTS (NAICS 71), BY COUNTY AND  
SELECTED PLACE: 2012 -- Con.**

<b>Geographic area</b>	<b>Number of establishments</b>	<b>Receipts/ revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Number of employees 1/</b>
Maui County	120	141,052	47,619	2,028
Haiku-Pauwela	9	3,486	1,100	39
Kaanapali	5	(D)	(D)	(2/)
Kahului	13	19,370	6,839	478
Kaunakakai	1	(D)	(D)	(5/)
Kihei	14	9,403	3,539	185
Kula	7	2,875	398	16
Lahaina	14	(D)	(D)	(7/)
Makawao	3	1,123	326	28
Napili/Honokowai	3	(D)	(D)	(5/)
Pukalani	9	(D)	(D)	(2/)
Wailea	11	17,128	4,622	134
Wailuku	9	4,494	1,660	85
Balance of Maui County 3/	22	(D)	(D)	(D)

D Withheld to avoid disclosing data for individual companies.

1/ For week including March 12.

2/ 100 to 249 employees.

3/ This table displays less economic places within each county than the source document. Therefore, the balance of county figures were recalculated by DBEDT and differ from figures shown in the original source.

4/ 20 to 99 employees.

5/ 0 to 19 employees.

6/ 500 to 999 employees.

7/ 250 to 499 employees.

Source: U.S. Census Bureau, 2012 Economic Census, Sector 71: EC1271A1: Arts, Entertainment, and Recreation: Geographic Area Series: U.S., States, Metro Areas, Counties, and Places: 2012  
<[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/71A1/0400000US15|0400000US15.05000|0400000US15.E6000/naics~71](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/71A1/0400000US15|0400000US15.05000|0400000US15.E6000/naics~71)> accessed June 3, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 23.23-- OTHER SERVICES (EXCEPT PUBLIC ADMINISTRATION)  
ESTABLISHMENTS (NAICS 81), BY COUNTY AND SELECTED  
PLACE: 2012**

[Includes establishments with payroll. Statistics based on the  
2012 North American Industry Classification System (NAICS)]

<b>Geographic area</b>	<b>Number of establishments</b>	<b>Receipts/ revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Number of employees 1/</b>
State total	2,808	2,004,775	538,698	19,348
Hawaii County	288	166,086	41,012	1,387
Hilo	96	57,096	11,261	464
Holualoa	16	(D)	(D)	(2/)
Honaunau/Napoopoo	3	(D)	(D)	(3/)
Kahaluu/Keauhou	16	5,327	1,118	35
Kailua	59	39,556	11,825	391
Kalaoa	9	3,562	749	38
Waikoloa Village	14	7,219	1,653	45
Waimea	15	7,941	1,595	47
Balance of Hawaii County 4/	60	(D)	(D)	(D)
Honolulu County	2,012	1,522,364	411,766	14,967
Ahuimanu	4	1,269	348	18
Aiea	26	9,437	2,828	149
East Honolulu	49	28,220	6,222	252
Ewa Beach	13	(D)	(D)	(2/)
Ewa Gentry	6	(D)	(D)	(2/)
Halawa	18	12,279	3,335	145
Haleiwa	6	1,089	348	13
Hickam Housing	3	(D)	(D)	(2/)
Kailua	65	35,683	9,037	440
Kaneohe	67	32,883	9,885	352
Kaneohe Station	5	(D)	(D)	(3/)
Kapolei	20	12,322	4,063	164
Makaha	5	5,847	1,727	70
Makakilo	11	(D)	(D)	(2/)
Mililani Mauka	11	5,246	1,206	47
Mililani Town	32	19,520	7,371	480
Nanakuli	7	895	206	17
Ocean Pointe	5	2,202	514	20
Pearl City	61	33,131	8,690	292
Royal Kunia	8	2,290	380	33
Urban Honolulu	1,346	1,130,500	302,607	10,410
Wahiawa	25	11,396	3,045	146
Waianae	8	(D)	(D)	(2/)

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**Table 23.23-- OTHER SERVICES (EXCEPT PUBLIC ADMINISTRATION)  
ESTABLISHMENTS (NAICS 81), BY COUNTY AND SELECTED  
PLACE: 2012 -- Con.**

<b>Geographic area</b>	<b>Number of establishments</b>	<b>Receipts/ revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Number of employees 1/</b>
Honolulu County - Con.				
Waimalu	40	37,990	10,525	363
Waimanalo	5	(D)	(D)	(3/)
Waipahu	70	35,325	9,722	474
Waipio	19	16,741	4,381	133
Waipio Acres	5	3,477	454	19
West Loch Estate	3	697	194	7
Balance of Honolulu County 4/	69	(D)	(D)	(D)
Kauai County	125	78,197	23,881	809
Kalaheo	3	(D)	(D)	(3/)
Kapaa	15	11,443	3,531	113
Lihue	40	25,626	8,247	280
Puhi	7	(D)	(D)	(2/)
Balance of Kauai County 4/	60	(D)	(D)	(D)
Maui County	383	238,128	62,039	2,185
Haiku-Pauwela	7	1,400	465	21
Kaanapali	18	24,627	5,144	149
Kahului	60	43,119	12,823	501
Kaunakakai	7	5,445	1,815	54
Kihei	71	29,979	7,453	270
Kula	9	1,690	479	17
Lahaina	45	22,246	1,707	191
Lanai City	1	(D)	(D)	(3/)
Makawao	5	(D)	(D)	(3/)
Napili-Honokawai	21	(D)	(D)	(2/)
Pukalani	9	(D)	(D)	(2/)
Waihee/Waiehu	3	(D)	(D)	(2/)
Wailea	31	35,203	9,175	274
Wailuku	59	31,796	7,650	273
Balance of Maui County 4/	37	(D)	(D)	(D)

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**Table 23.23-- OTHER SERVICES (EXCEPT PUBLIC ADMINISTRATION)  
ESTABLISHMENTS (NAICS 81), BY COUNTY AND SELECTED  
PLACE: 2012 -- Con.**

D Withheld to avoid disclosing data for individual companies.

1/ For week including March 12.

2/ 20 to 99 employees

3/ 0 to 19 employees.

4/ This table displays less economic places within each county than the source document. Therefore, the balance of county figures were recalculated by DBEDT and differ from figures shown in the original source.

Source: U.S. Census Bureau, 2012 Economic Census, Sector 81: EC1281A1: Other Services (Except Public Administration): Geographic Area Series: U.S., States, Metro Areas, Counties, and Places: 2012 <[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/81A1/0400000US15|0400000US15.05000|0400000US15.E6000/naics~81](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/81A1/0400000US15|0400000US15.05000|0400000US15.E6000/naics~81)> accessed June 3, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.



**Table 23.24-- PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES ESTABLISHMENTS (NAICS 54), BY TYPE OF OPERATION OR KIND OF BUSINESS: 2012**

[Includes establishments with payroll. Statistics based on the 2012 North American Industry Classification System (NAICS)]

NAICS code	Type of operation or kind of business	Number of establishments	Receipts/ Revenue (\$1,000)	Annual payroll (\$1,000)	Number of employees 1/
	Subject to Federal Income Tax				
54	Professional, scientific, and technical services	3,188	3,229,357	1,225,011	20,998
541	Professional, scientific, and technical services	3,188	3,229,357	1,225,011	20,998
5411	Legal services	668	(D)	(D)	(2/)
5412	Accounting, tax preparation, bookkeeping, and payroll services	618	299,122	126,367	3,385
5413	Architectural, engineering, and related services	549	1,057,649	382,804	5,251
5414	Specialized design services	98	45,774	10,480	256
5415	Computer systems design and related services	389	464,803	200,373	2,847
5416	Management, scientific, and technical consulting services	383	327,642	123,926	2,049
5417	Scientific research and development services	75	115,997	58,672	770
5418	Advertising, public relations, and related services	126	99,215	33,879	1,008
5419	Other professional, scientific, and technical services	282	(D)	(D)	(3/)
	Exempt from Federal Income Tax				
54	Professional, scientific, and technical services	38	104,702	40,620	631
541	Professional, scientific, and technical services	38	104,702	40,620	631
5411	Legal services	17	12,124	5,698	144
5417	Scientific research and development services	21	92,578	34,922	487

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**Table 23.24-- PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES  
ESTABLISHMENTS (NAICS 54), BY TYPE OF OPERATION  
OR KIND OF BUSINESS: 2012**

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

1/ For week including March 12.

2/ 2,500 to 4,999 employees.

3/ 1,000 to 2,499 employees.

Source: U.S. Census Bureau, 2012 Economic Census, Sector 54: EC1254A1: Professional, Scientific, and Technical Services: Geographic Area Series: Summary Statistics for the U.S., States, Metro Areas, Counties, and Places: 2012 <[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/54A1/0400000US15/naics~54|541|5411|5412|5413|5414|5415|5416|5417|5418|5419](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/54A1/0400000US15/naics~54|541|5411|5412|5413|5414|5415|5416|5417|5418|5419)> accessed May 29, 2015.

**Table 23.25-- ADMINISTRATIVE AND SUPPORT AND WASTE MANAGEMENT AND REMEDIATION SERVICES ESTABLISHMENTS (NAICS 56), BY KIND OF BUSINESS: 2012**

[Includes establishments with payroll. Statistics based on the 2012 North American Industry Classification System (NAICS)]

NAICS code	Kind of business	Number of establishments	Receipts (\$1,000)	Annual payroll (\$1,000)	Number of employees 1/
56	Administrative and support and waste management and remediation services	1,799	2,893,771	1,355,113	47,307
561	Administrative and support services	1,663	2,543,083	1,267,472	45,401
5611	Office administrative services	55	79,867	29,717	677
5612	Facilities support services	32	58,870	29,302	879
5613	Employment services	141	859,261	628,191	21,757
5614	Business support services	105	59,280	17,626	757
5615	Travel arrangement and reservation services	395	587,493	147,143	3,836
5616	Investigation and security services	158	249,170	153,277	6,588
5617	Services to buildings and dwellings	706	566,245	240,156	10,171
5619	Other support services	71	82,897	22,060	736
562	Waste management and remediation services	136	350,688	87,641	1,906
5621	Waste collection	37	128,390	27,602	704
5622	Waste treatment and disposal	16	114,262	23,651	301
5629	Remediation and other waste management services	83	108,036	36,388	901

1/ For week including March 12.

Source: U.S. Census Bureau, 2012 Economic Census, Sector 56: EC1256A1: Administrative and Support and Waste Management and Remediation Services: Geographic Area Series: Summary Statistics for the U.S., States, Metro Areas, Counties, and Places: 2012 <[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/56A1/0400000US15/naics~56|561|5611|5612|5613|5614|5615|5616|5617|5619|562|5621|5622|5629](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/56A1/0400000US15/naics~56|561|5611|5612|5613|5614|5615|5616|5617|5619|562|5621|5622|5629)> accessed June 1, 2015.

**Table 23.26-- EDUCATIONAL SERVICES ESTABLISHMENTS (NAICS 61),  
BY TYPE OF OPERATION OR KIND OF BUSINESS: 2012**

[Includes establishments with payroll. Statistics based on the  
2012 North American Industry Classification System (NAICS)]

NAICS code	Type of operation or kind of business	Number of establishments	Receipts/revenue (\$1,000)	Annual payroll (\$1,000)	Number of employees 1/
	Subject to Federal Income Tax				
61	Educational services	274	121,724	37,201	1,877
611	Educational services	274	121,724	37,201	1,877
6114	Business schools and computer and management training	25	10,578	4,477	130
6115	Technical and trade schools	33	19,570	5,694	185
6116	Other schools and instruction	202	84,890	24,465	1,492
6117	Educational support services	14	6,686	2,565	70
	Exempt from Federal Income Tax				
61	Educational services	73	36,665	13,887	533
611	Educational services	73	36,665	13,887	533
6114	Business schools and computer and management training	5	772	348	15
6115	Technical and trade schools	12	8,898	3,264	87
6116	Other schools and instruction	47	16,814	5,864	342
6117	Educational support services	9	10,181	4,411	89

1/ For week including March 12.

Source: U.S. Census Bureau, 2012 Economic Census, Sector 61: EC1261A1: Educational Services: Geographic Area Series: Summary Statistics for the U.S., States, Metro Areas, Counties, and Places: 2012

<[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/61A1/0400000US15/naics~61|611|6114|6115|6116|6117](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/61A1/0400000US15/naics~61|611|6114|6115|6116|6117)> accessed June 1, 2015.

**Table 23.27-- ARTS, ENTERTAINMENT, AND RECREATION ESTABLISHMENTS  
(NAICS 71), BY TYPE OF OPERATION OR KIND OF BUSINESS: 2012**

[Includes establishments with payroll. Statistics based on the  
2012 North American Industry Classification System (NAICS)]

NAICS code	Type of operation or kind of business	Number of establishments	Receipts/revenues (\$1,000)	Annual payroll (\$1,000)	Number of employees 1/
	Subject to Federal Income Tax				
71	Arts, entertainment, and recreation	398	571,145	168,184	7,327
711	Performing arts, spectator sports, and related industries	133	128,322	37,878	1,581
7111	Performing arts companies	32	(D)	(D)	(2/)
7112	Spectator sports	12	4,489	779	16
7113	Promoters of performing arts, sports, and similar events	12	(D)	(D)	(3/)
7114	Agents and managers for public figures	8	5,768	391	17
7115	Independent artists, writers, and performers	69	17,716	4,126	125
712	Museums, historical sites, and similar institutions	10	49,495	11,555	465
7121	Museums, historical sites, and similar institutions	10	49,495	11,555	465
713	Amusement, gambling, and recreation industries	255	393,328	118,751	5,281
7131	Amusement parks and arcades	25	30,017	5,741	259
7139	Other amusement and recreation services	230	363,311	113,010	5,022
	Exempt from Federal Income Tax				
71	Arts, entertainment, and recreation	97	272,483	80,984	3,296
711	Performing arts, spectator sports, and related industries	23	28,294	9,028	508
7111	Performing arts companies	18	(D)	(D)	(4/)
7113	Promoters of performing arts, sports, and similar events	5	(D)	(D)	(3/)

Continued on next page.

**Table 23.27-- ARTS, ENTERTAINMENT, AND RECREATION ESTABLISHMENTS (NAICS 71), BY TYPE OF OPERATION OR KIND OF BUSINESS: 2012 -- Con.**

NAICS code	Type of operation or kind of business	Number of establishments	Receipts/revenues (\$1,000)	Annual payroll (\$1,000)	Number of employees 1/
712	Museums, historical sites, and similar institutions	43	167,043	46,162	1,735
7121	Museums, historical sites, and similar institutions	43	167,043	16,162	1,735
713	Amusement, gambling, and recreation industries	31	77,146	25,794	1,053
7139	Other amusement and recreation services	31	77,146	25,794	1,053

D Withheld to avoid disclosing data of individual companies.

1/ For week including March 12.

2/ 1,000 to 2,499 employees.

3/ 100 to 249 employees.

4/ 250 to 499 employees.

Source: U.S. Census Bureau, 2012 Economic Census, Sector 71: EC1271A1: Arts, Entertainment, and Recreation: Geographic Area Series: Summary Statistics for the U.S., States, Metro Areas, Counties, and Places: 2012 <[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/71A1/0400000US15/naics~71|711|7111|7112|7113|7114|7115|712|7121|713|7131|7139](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/71A1/0400000US15/naics~71|711|7111|7112|7113|7114|7115|712|7121|713|7131|7139)> accessed June 1, 2015.

**Table 23.28-- OTHER SERVICES (EXCEPT PUBLIC ADMINISTRATION)  
ESTABLISHMENTS (NAICS 81), BY TYPE OF OPERATION OR KIND OF  
BUSINESS: 2012**

[Includes establishments with payroll. Statistics based on the  
2012 North American Industry Classification System (NAICS)]

NAICS code	Type of operation or kind of business	Number of establishments	Receipts/ revenue (\$1,000)	Annual payroll (\$1,000)	Number of employees 1/
	Firms Subject to Federal Income Tax				
81	Other services (except public admin.)	1,519	877,528	278,979	11,014
811	Repair and maintenance	657	378,279	110,707	3,202
8111	Automotive repair and maintenance	473	302,023	85,022	2,507
8112	Electronic and precision equipment repair and maintenance	40	14,115	5,599	145
8113	Commercial machinery repair and maintenance	60	39,012	13,150	295
8114	Personal and household goods repair and maintenance	84	23,129	6,936	255
812	Personal and laundry services	862	499,249	168,272	7,812
8121	Personal care services	462	145,554	58,767	3,030
8122	Death care services	34	47,694	14,298	538
8123	Drycleaning and laundry services	92	139,609	46,785	1,945
8129	Other personal services	274	166,392	48,422	2,299
	Firms Exempt from Federal Income Tax				
81	Other services (except public admin.)	1,289	1,127,247	259,719	8,334
813	Religious/grantmaking/civic/professional and similar organization	1,289	1,127,247	259,719	8,334
8132	Grantmaking and giving services	78	195,649	30,209	694
8133	Social advocacy organizations	93	121,533	35,695	846
8134	Civic and social organizations	88	69,644	26,635	1,487
8139	Professional and similar organizations	1,030	740,421	167,180	5,307

1/ For week including March 12.

Source: U.S. Census Bureau, 2012 Economic Census, Sector 81: EC1281A1: Other Services (Except Public Administration): Geographic Area Series: Summary Statistics for the U.S., States, Metro Areas, Counties and Places: 2012 <[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/81A1/0400000US15/naics~81|811|8111|8112|8113|8114|812|8121|8122|8123|8129|813|8132|8133|8134|8139](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/81A1/0400000US15/naics~81|811|8111|8112|8113|8114|812|8121|8122|8123|8129|813|8132|8133|8134|8139)> accessed June 2, 2015.

**Table 23.29-- TRAVEL ARRANGEMENT AND RESERVATION SERVICES  
(NAICS 5615), BY KIND OF BUSINESS: 2012**

[Includes establishments with payroll. Statistics based on the  
2012 North American Industry Classification System (NAICS)]

<b>NAICS code</b>	<b>Kind of business</b>	<b>Number of establishments</b>	<b>Receipts (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Number of employees 1/</b>
5615	Travel arrangement and reservation services	395	587,493	147,143	3,836
56151	Travel agencies	176	173,650	53,043	1,358
56152	Tour operators	156	288,329	54,269	1,646
56159	Other travel arrangement & reservation services 2/	63	125,514	39,831	832

1/ For week including March 12.

2/ Includes convention & visitors bureaus (NAICS 561591; 10 establishments). Excludes convention and trade show organizers (NAICS 56192; 23 establishments).

Source: U.S. Census Bureau, 2012 Economic Census, Sector 56: EC1256A1: Administrative and Support and Waste Management and Remediation Services, Geographic Area Series, Summary Statistics for the U.S., States, Metro Areas, Counties, and Places: 2012 <[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/56A1/0400000US15/naics~ALL-561](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/56A1/0400000US15/naics~ALL-561)> accessed June 22, 2015.



**Table 23.30-- ACCOMMODATION AND FOOD SERVICES (NAICS 72), BY COUNTY AND SELECTED PLACE: 2012**

[Includes establishments with payroll. Statistics based on the 2012 North American Industry Classification System (NAICS)]

<b>Geographic area</b>	<b>Number of establishments</b>	<b>Sales (\$1,000)</b>	<b>Annual payroll (\$1000)</b>	<b>Number of employees 1/</b>
State total	3,518	9,536,706	2,535,950	98,364
Hawaii County	430	1,124,494	324,743	12,297
Captain Cook	5	(D)	(D)	(2/)
Hilo	146	133,782	33,243	2,239
Holualoa	11	(D)	(D)	(3/)
Kahaluu-Keauhou	18	88,700	28,737	1,089
Kailua	103	382,777	95,755	3,508
Kalaoa	3	(D)	(D)	(2/)
Volcano	5	4,464	1,242	77
Waikoloa Village	14	(D)	(D)	(4/)
Waimea	26	22,466	6,235	362
Balance of Hawaii County 5/	99	(D)	(D)	(D)
Honolulu County	2,355	5,273,221	1,333,021	57,486
Ahuimanu	7	6,707	1,210	93
Aiea	42	34,939	8,969	567
East Honolulu	65	(D)	(D)	(6/)
Ewa Beach	10	10,021	2,218	172
Ewa Gentry	7	5,604	1,414	104
Halawa	12	11,740	2,714	160
Haleiwa	23	33,591	8,092	494
Kailua	86	81,291	20,913	1,446
Kaneohe	74	76,836	17,457	1,140
Kapolei	33	58,742	14,642	915
Laie	8	(D)	(D)	(3/)
Makakilo	4	671	220	13
Mililani Mauka	6	6,348	1,297	87
Mililani Town	41	60,130	15,025	1,055
Nanakuli	6	6,205	1,447	134
Ocean Pointe	16	15,919	3,678	268
Pearl City	74	79,707	19,277	1,346
Pupukea	6	(D)	(D)	(2/)
Royal Kunia	18	13,992	3,019	223
Urban Honolulu	1,471	3,943,956	955,430	38,426
Wahiawa	44	44,497	11,549	704
Waianae	24	20,713	4,540	353
Waikele	14	24,763	6,239	424

Continued on next page.

**Table 23.30-- ACCOMMODATION AND FOOD SERVICES (NAICS 72), BY  
COUNTY AND SELECTED PLACE: 2012 -- Con.**

<b>Geographic area</b>	<b>Number of establishments</b>	<b>Sales (\$1,000)</b>	<b>Annual payroll (\$1000)</b>	<b>Number of employees 1/</b>
Honolulu County - Con.				
Waimalu	70	91,316	23,950	1,480
Waimanalo	6	3,570	661	53
Waimanalo Beach	4	2,946	684	54
Waipahu	77	64,518	15,016	1,007
Waipio	15	29,426	7,541	492
Balance of Honolulu County 5/	92	(D)	(D)	(D)
Kauai County	234	831,487	252,470	8,638
Hanapepe	4	765	75	6
Kalaheo	6	(D)	(D)	(2/)
Kapaa	39	52,758	10,855	619
Kekaha	3	(D)	(D)	(2/)
Kilauea	4	4,532	1,192	104
Lihue	57	143,312	48,092	1,876
Wailua Homesteads	4	321	75	5
Balance of Kauai County 5/	117	(D)	(D)	(D)
Maui County	499	2,307,504	625,716	19,943
Haiku/Pauwela	4	3,625	1,152	75
Kaanapali	49	718,764	160,067	3,870
Kahului	84	123,307	31,165	1,703
Kaunakakai	8	(D)	(D)	(3/)
Kihei	91	136,593	35,137	1,622
Kula	5	4,945	1,297	82
Lahaina	93	343,924	105,653	3,748
Lanai City	9	(D)	(D)	(7/)
Makawao	10	10,293	4,058	265
Napili/Honokowai	17	55,210	7,734	289
Paia	16	38,935	12,599	509
Pukalani	7	7,026	1,310	123
Wailea	31	554,353	161,090	4,349
Wailuku	47	28,023	7,098	438
Balance of Maui County 5/	28	(D)	(D)	(D)

Continued on next page.

**Table 23.30-- ACCOMMODATION AND FOOD SERVICES (NAICS 72), BY COUNTY AND SELECTED PLACE: 2012 -- Con.**

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

1/ For week including March 12.

2/ 20 to 99 employees.

3/ 100 to 249 employees.

4/ 250 to 499 employees.

5/ This table displays less economic places within each county than the source document. Therefore, the balance of county figures were recalculated by DBEDT and differ from figures shown in the original source.

6/ 1,000 to 2,499 employees.

7/ 500 to 999 employees.

Source: U.S. Census Bureau, 2012 Economic Census, Sector 72: EC1272A1: Accommodation and Food Services, Geographic Area Series: Summary Statistics for the United States, States, Metro Areas, Counties, and Places: 2012<[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/72A1/0400000US15|0400000US15.05000|0400000US15.E6000/naics~72](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/72A1/0400000US15|0400000US15.05000|0400000US15.E6000/naics~72)> accessed June 10, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 23.31-- ACCOMMODATION AND FOOD SERVICES (NAICS 72), BY KIND OF BUSINESS: 2012**

[Includes establishments with payroll. Statistics based on the 2012 North American Industry Classification System (NAICS)]

NAICS codes	Kind of business	Number of establishments	Receipts (\$1,000)	Annual payroll (\$1,000)	Number of employees 1/
72	Accommodation and food services	3,518	9,536,706	2,535,950	98,364
721	Accommodation	309	5,738,872	1,529,385	38,426
7211	Traveler accommodation	300	5,735,924	1,528,665	38,393
72111	Hotels (except casino hotels) and motels	260	5,722,307	1,525,390	38,221
72119	Other traveler accommodation	40	13,617	3,275	172
721191	Bed-and-breakfast inns	20	4,196	1,417	73
721199	All other traveler accommodation	20	9,421	1,858	99
7212	RV (recreational vehicle) parks and recreational camps	4	(D)	(D)	(2/)
7213	Rooming and boarding houses	5	(D)	(D)	(2/)
722	Food services and drinking places	3,209	3,797,834	1,006,565	59,938
7223	Special food services	140	287,277	69,896	3,085
72231	Food service contractors	75	244,449	60,037	2,567
72232	Caterers	39	30,394	7,839	410
72233	Mobile food services	26	12,434	2,020	108
7224	Drinking places (alcoholic beverages)	228	120,448	26,169	1,830
7225	Restaurants and other eating places	2,841	3,390,109	910,500	55,023
72251	Restaurants and other eating places	2,841	3,390,109	910,500	55,023
722511	Full-service restaurants	1,204	1,968,924	595,675	32,893
722513	Limited-service restaurants	1,259	1,162,683	256,867	17,989
722514	Cafeterias, grill buffets, and buffets	12	(D)	(D)	(3/)
722515	Snack & nonalcoholic beverage bars	366	(D)	(D)	(4/)

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

1/ For week including March 12.

2/ 0 to 19 employees.

3/ 250 to 499 employees.

4/ 2,500 to 4,999 employees.

Source: U.S. Census Bureau, 2012 Economic Census, Sector 72: EC1272A1: Accommodation and Food Services, Geographic Area Series: Summary Statistics for the U.S., States, Metro Areas, Counties, and Places: 2012 <[http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012\\_US/72A1/0400000US15/naics~ALL-72](http://factfinder.census.gov/bkmk/table/1.0/en/ECN/2012_US/72A1/0400000US15/naics~ALL-72)> accessed June 12, 2015.

**Table 23.32-- PRODUCT LINE SALES FOR ACCOMMODATION AND FOOD SERVICES  
(NAICS 72): 2007**

Products and services code	Meaning of products and services code	Number of establishments	Sales (\$1,000)	Line sales as % of sales of establishments with line	Line sales as % of total sales of NAICS
20000	Industry total	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](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 23.33-- VISITOR ACCOMMODATIONS, BY COUNTY: 1979 TO 2014**

[Number of units]

Year	State total	City & County of Honolulu	Hawaii County	Kauai County	Maui County
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	35,326	10,594	8,289	20,441
2013 1/	73,959	35,690	10,903	8,675	18,691
2014	73,716	35,864	10,666	8,492	18,694

NA Not available.

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *Visitor Plant Inventory* (annual) <<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/>> accessed April 21, 2015.

**Table 23.34-- VISITOR ACCOMMODATIONS, BY TYPE: 1986 TO 2014**

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	1,974	1,853	121	77,731	65,211	12,520
2012	1,792	1,658	134	74,650	62,462	12,188
2013 4/	1,931	1,832	99	73,959	62,475	11,484
2014	1,700	1,604	96	73,716	63,156	10,560

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/>> accessed April 21, 2015.

**Table 23.35-- VISITOR ACCOMMODATIONS, BY TYPE AND BY ISLAND: 2014**

[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	1,700	1,604	96	73,716	63,156	10,560
Oahu	255	231	24	35,864	31,854	4,010
Waikiki/Honolulu	115	95	20	28,833	25,461	3,372
Rest of Oahu	140	136	4	7,031	6,393	638
Other islands	1,445	1,373	72	37,852	31,302	6,550
Hawaii	568	556	12	10,666	9,875	791
Maui	331	290	41	18,210	14,087	4,123
Lanai	4	4	-	353	353	-
Molokai	27	25	2	131	58	73
Kauai	515	498	17	8,492	6,929	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, *2014 Visitor Plant Inventory*

<<http://www.hawaii-tourism-authority.org/research/reports/visitor-plant-inventory/>> accessed April 21, 2015.



**Table 23.36-- VISITOR ACCOMMODATIONS, BY TYPE AND GEOGRAPHIC AREA: 2014**

[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	1,700	255	1,445	73,716	35,864	37,852
Apartment-hotel	12	8	4	325	235	90
Bed and breakfast	221	29	192	755	53	702
Condominium hotel	96	24	72	10,560	4,010	6,550
Hostels	12	6	6	303	231	72
Hotel	145	68	77	43,575	26,665	16,910
Individual vacation units	1,133	104	1,029	7,162	810	6,352
Timeshare	60	13	47	10,647	3,669	6,978
Other	21	3	18	389	191	198

Source: Hawaii Tourism Authority, *2014 Visitor Plant Inventory*  
 <<http://www.hawaiitourismauthority.org/research/reports/visitor-plant-inventory/>> accessed April 21, 2015.

**Table 23.37-- HOTELS AND OTHER LODGING PLACES (NAICS 721),  
BY COUNTY: 2007 TO 2013**

[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]

<b>County</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
State total	314	312	304	294	295	307	326
Hawaii	65	63	62	61	61	60	69
Honolulu	117	113	112	98	100	108	107
Kauai	46	47	41	43	46	49	54
Maui	86	89	89	92	88	90	96

Source: U.S. Census Bureau, *County Business Patterns, Hawaii* (annual). See also <http://factfinder.census.gov/> accessed April 30, 2015.

**Table 23.38-- VISITOR ACCOMMODATIONS, BY NIGHTLY PRICE: 2014**

<b>Island and type of accommodation</b>	<b>Total</b>	<b>Percent \$100 or less</b>	<b>Percent \$101 to \$250</b>	<b>Percent \$251 to \$500</b>	<b>Percent over \$500</b>
Available Units	73,716	3,833	17,618	31,108	21,156
Island					
Oahu	35,864	1,721	8,715	17,035	8,356
Hawaii	10,666	885	2,997	4,682	2,091
Kauai	8,492	611	1,605	3,821	2,446
Maui	18,210	565	4,061	4,971	8,632
Molokai	353	11	325	14	3
Lanai	131	-	6	57	69
Type of unit					
Apartment/hotel	325	214	111	-	-
Bed and breakfast	755	206	482	63	4
Condominium hotel	10,560	1,394	3,010	5,291	866
Hostel	303	303	-	-	-
Hotel	43,575	1,307	9,674	17,691	14,903
Individual vacation unit	7,162	831	2,922	2,149	1,261
Timeshare	10,647	437	1,853	5,281	3,077
Other	389	261	114	14	-

Source: Hawaii Tourism Authority, *2014 Visitor Plant Inventory*  
 <<http://www.hawaii tourism authority.org/research/reports/visitor-plant-inventory/>> accessed April 21, 2015.

**Table 23.39-- HOTEL ROOMS, OCCUPANCY RATES, AND DAILY ROOM  
AND GUEST RATES: 1989 TO 2014**

[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	77,731	35,001	42,730	73.2	189.83	(NA)
2012	74,650	35,326	39,324	76.9	204.93	(NA)
2013 4/	73,959	35,690	38,269	76.5	229.90	(NA)
2014	73,716	35,864	37,852	77.0	242.63	(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 23.40-- HOTEL ROOM OCCUPANCY AND ROOM RATES, BY  
GEOGRAPHIC AREA: 2014**

<b>Geographic area</b>	<b>Percent occupied</b>	<b>Average daily room rate (dollars)</b>	<b>Revenue per available room (dollars)</b>
State total	77.0	242.63	186.83
Oahu	84.4	221.18	186.68
Waikiki	85.5	221.40	189.30
Other Oahu	77.3	219.66	169.80
Maui	72.0	304.30	219.10
Wailea	75.3	453.32	341.35
Lahaina-Kaanapali-Kapalua	73.0	264.07	192.77
Other Maui	70.8	350.81	248.37
Hawaii	61.5	236.73	145.59
Kohala Coast	65.4	322.20	210.72
Kauai	70.0	236.69	165.68

Source: Smith Travel Research, Hospitality Advisors LLC, *Hawaii Hotel Flash Report*, (December/Year-End 2014 Highlights).

**Table 23.41-- GENERAL EXCISE TAX BASE FOR RENTALS:  
1985 TO 2014**

[In thousands of dollars. Data are on a cash basis accounting]

<b>Year reported 1/</b>	<b>Total</b>	<b>Hotel rentals</b>	<b>All other rentals 2/</b>
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
2013	10,557,258	4,069,865	6,487,392
2014	10,796,148	4,314,087	6,482,060

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://files.hawaii.gov/tax/stats/monthly/201412ge\\_rev.pdf](http://files.hawaii.gov/tax/stats/monthly/201412ge_rev.pdf)> accessed June 15, 2015.

**Table 23.42-- COMPUTER AND SOFTWARE STORES AND SERVICES: 2012**

[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]

<b>Subject and year</b>	<b>Establishments (number)</b>	<b>Receipts/ revenue or sales (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Paid employees, pay period including March 12 (number)</b>
Wholesale trade				
Computer and software merchant wholesalers (NAICS 42343)	21	(D)	(D)	(1/)
Services				
Computer and office machine repair and maintenance (NAICS 811212)	27	9,473	2,753	99
Computer systems design and related services (NAICS 5415)	389	464,803	200,373	2,847
Data processing, hosting, and related services (NAICS 5182)	62	167,053	56,866	771
Software publishers (NAICS 5112)	21	73,298	22,615	204

D Withheld to avoid disclosing data for individual companies.

1/ 250 to 499 employees.

Source: U.S. Census Bureau, 2012 Economic Census. EC1200A1 All sectors: Geographic Area Series: Economy-Wide Key Statistics: 2012. See also <<http://factfinder.census.gov/>> accessed April 20, 2015.

**Table 23.43-- MOTION PICTURE AND VIDEO SERVICES: 1987 TO 2012**

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

Subject and year	Establishments (number)	Receipts (\$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/)
2012	59	(1/)	(4/)	(5/)
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
2012	26	94,582	8,817	781
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
2012	37	9,152	2,364	189

Continued on next page.



**Table 23.43-- MOTION PICTURE AND VIDEO SERVICES: 1987 TO 2012**  
**-- 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.

4/ 6,273 for NAICS 51211 and withheld to avoid disclosing data for individual companies for NAICS 51212 and 51219.

5/ 0 to 19 employees for NAICS 51212 and NAICS 51219. There were 159 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](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](http://factfinder.census.gov/servlet/IBQTable?_bm=y&-fds_name=EC0700A1&-geo_id=04000US15&-ds_name=EC0751A1&-_lang=en)> accessed April 29, 2010; U.S. Census Bureau, 2012 Economic Census. EC1200A1 All sectors: Geographic Area Series: Economy-Wide Key Statistics: 2012. See also <<http://factfinder.census.gov/>> accessed April 20, 2015.

**Table 23.44-- FILM AND TELEVISION PRODUCTION: 2010 TO 2014**

[In millions of dollars, except for employment which is in number of jobs]

<b>Category</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Total production expenditures	384.1	184.3	245.6	228.7	223.0
Expenditures qualified for tax credit	292.1	127.7	189.1	163.8	163.0
Expenditures not qualified for tax credit	92.0	57.2	56.5	64.9	59.0
Economic Impact					
Output 1/	672.2	322.5	429.8	400.2	390.3
Earnings 1/	161.3	77.4	103.2	96.1	93.7
State taxes 1/	46.1	22.1	29.5	27.4	26.8
Employment	4,225	1,954	2,530	2,264	2,141

1/ 2011 to 2012 revised from previous *Data Book*.

Source: Hawaii Department of Business, Economic Development & Tourism, Creative Industry Division, and 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.

**Table**  
**Number**   **Table Name**

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Narrative

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**Table 24.01-- FOREIGN TRADE THROUGH THE HAWAII  
CUSTOMS DISTRICT: 1984 TO 2014**

[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)
2013	5,599.6	5,219.0	11,428.7	598.3	(NA)
2014	4,970.6	4,011.5	12,559.7	1,452.1	(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 2013, and beginning with 2004 <[http://www.census.gov/foreign-trade/Press-Release/ft920\\_index.html](http://www.census.gov/foreign-trade/Press-Release/ft920_index.html)> accessed April 10, 2015; *U.S. Merchandise Trade, FT900 Supplement*, December issue 1989 to 2013 <[http://www.census.gov/foreign-trade/Press-Release/current\\_press\\_release/press.html](http://www.census.gov/foreign-trade/Press-Release/current_press_release/press.html)> accessed April 10, 2015; 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: 2010 TO 2014**

[In millions of dollars]

Classification	2010	2011	2012	2013	2014
General imports by district of entry					
Customs value 1/	4,583.3	5,652.3	6,478.2	5,599.6	4,970.6
C.I.F. value 2/	4,801.5	5,892.4	6,719.8	5,844.5	5,217.5
General imports by district of unloading					
Customs value 1/	6,870.9	7,565.3	8,557.5	7,967.7	8,115.4
C.I.F. value 2/	7,166.2	7,864.5	8,874.7	8,291.7	8,173.2
General imports by state of destination 3/					
Commodities	4,743.5	5,936.0	6,696.0	6,064.6	5,328.0
Manufactured commodities	1,260.8	1,180.3	1,656.3	2,490.5	2,040.0
Non-manufactured commodities	3,482.7	4,755.7	5,039.7	3,574.1	3,287.9
Imports for consumption by district of entry (customs value 1/)	4,199.9	4,982.8	5,704.1	5,219.0	4,011.5
Duty free value	1,253.1	1,285.1	1,659.0	1,680.2	1,644.2
Dutiable value	2,946.8	3,697.7	4,045.1	3,538.8	2,367.3
Exports of domestic & foreign merchandise by dist. of export (F.A.S. value 4/)	7,398.1	7,451.6	9,746.9	11,428.7	12,559.7
Exports of merchandise by origin of movement 5/	685.1	909.2	726.2	598.3	1,452.1
Commodities	626.5	800.2	673.6	551.3	1,342.0
Manufactured commodities	492.3	612.8	512.0	386.6	1,169.0
Non-manufactured commodities	134.2	187.4	161.6	164.7	173.0
Reexports 6/	58.5	109.0	52.6	47.0	110.1

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](http://www.census.gov/foreign-trade/Press-Release/ft920_index.html)> accessed April 10, 2015 and *U.S. Merchandise Trade, FT900 Supplement*, December issue (annual) <[http://www.census.gov/foreign-trade/Press-Release/current\\_press\\_release/press.html](http://www.census.gov/foreign-trade/Press-Release/current_press_release/press.html)> accessed April 10, 2015; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 24.03-- FOREIGN TRADE THROUGH THE HAWAII CUSTOMS DISTRICT, BY METHOD OF TRANSPORTATION: 2000 TO 2014**

[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
2013	7,967.7	5,053.0	2,696.8	6,492.7	34.0
2014	8,115.4	4,265.0	3,484.8	5,903.4	44.2
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
2013	11,428.7	281.7	1,635.7	469.0	28.1
2014	12,559.7	791.4	2,516.9	1,093.1	28.6

1/ Includes categories not tabulated by method of transportation, not shown separately.

2/ By district of unloading. Value is on customs value basis.

3/ Exports of domestic and foreign merchandise, by district of export. Value is on f.a.s. (free alongside ship) basis.

Source: U.S. Bureau of the Census, *U.S. Merchandise Trade: Selected Highlights, FT920, December* issue (annual) 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](http://www.census.gov/foreign-trade/Press-Release/ft920_index.html)> accessed April 10, 2015.

**Table 24.04-- FOREIGN-TRADE ZONE AND SUBZONE OPERATIONS:  
2011 TO 2013**

[Fiscal year ending September 30. In millions of dollars unless otherwise noted]

Subject	2011	2012	2013
State summary			
Merchandise received	5,000-10,000	5,000-10,000	5,000-10,000
Exports	750-1,000	750-1,000	750-1,000
Total shipments	5,000-10,000	5,000-10,000	5,000-10,000
Employees (persons)	1,251-1,500	1,501-2,000	1,501-2,000
Top foreign-status product, by value (percent)			
Oil/petroleum	99	99	98
Petrochemicals	1	1	2
Vehicles	<1	<1	<1
Plastic/rubber	<1	<1	<1
Other	<1	<1	<1
Consumer products	-	<1	<1
Warehouse/distribution activity			
Number of companies	244	278	335
Merchandise received	1,000-5,000	1,000-5,000	1,000-5,000
Exports	250-500	500-750	500-750
Total shipments	1,000-5,000	1,000-5,000	1,000-5,000
Production activity - zone/subzone			
Zone 9 Pacific Allied Products, Ltd.			
Merchandise received	1-5	5-10	1-5
Exports	-	-	-
Total shipments	1-5	5-10	1-5
Subzone 9A Hawaii Independent Energy, L.L.C. 1/			
Merchandise received	1,000-5,000	1,000-5,000	1,000-5,000
Exports	100-250	250-500	100-250
Total shipments	1,000-5,000	1,000-5,000	1,000-5,000
Subzone 9E Chevron Corporation 2/			
Merchandise received	1,000-5,000	1,000-5,000	1,000-5,000
Exports	75-100	25-50	50-75
Total shipments	1,000-5,000	1,000-5,000	1,000-5,000
Subzone 9F Hawaii Gas 3/			
Merchandise received	50-75	50-75	50-75
Exports	-	-	-
Total shipments	50-75	50-75	50-75

1/ Subzone 9A was Tesoro Hawaii Corporation in 2011 and 2012.

2/ Subzone 9E was Chevron Products Company in 2011 and 2012.

3/ Subzone 9F was The Gas Company, LLC in 2011 and 2012.

Source: United States Foreign-Trade Zones Board, *73rd Annual Report of the Foreign-Trade Zones Board to the Congress of the United States*, Appendix D (December 2012); *74th Annual Report of the Foreign-Trade Zones Board to the Congress of the United States*, Appendix D (August 2013); and *75th Annual Report of the Foreign-Trade Zones Board to the Congress of the United States*, Appendix D (August 2014) <<http://enforcement.trade.gov/ftzpage/annual-report.html>>accessed March 18, 2015.



**Table 24.05-- COMMODITY EXPORTS TOTAL AND TO TOP  
25 FOREIGN COUNTRIES: 2011 TO 2014**

[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 countries based on 2014 dollar value]

Country	2011	2012	2013	2014
Total	884	732	598	1,447
Top 25 foreign countries	863	711	572	1,434
Australia	125	260	114	500
China	100	71	89	221
Japan	91	127	86	184
Singapore	96	35	103	132
Panama	-	1	11	106
Korea, South	95	45	41	93
Indonesia	43	24	3	28
Canada	138	30	21	27
Hong Kong	24	23	17	22
Costa Rica	-	-	-	20
Taiwan	23	22	26	17
Honduras	-	-	-	17
Germany	16	5	4	16
New Zealand	18	16	7	13
Malaysia	12	11	1	10
Vietnam	3	3	4	6
Philippines	8	4	4	4
United Kingdom	2	4	12	3
France	4	2	3	3
Netherlands	57	17	20	3
Thailand	2	5	2	3
Micronesia	-	-	-	2
Mexico	2	4	2	2
Marshall Islands	1	1	1	2
Fiji	-	-	-	1

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 2014 Dollar Value"  
<<http://www.census.gov/foreign-trade/statistics/state/data/hi.html>> accessed July 16, 2015.

**Table 24.06-- COMMODITY IMPORTS TOTAL AND FROM TOP  
25 FOREIGN COUNTRIES: 2011 TO 2014**

[In millions of dollars. U.S. Imports by State of Final Destination (State Import Series).  
Top 25 countries based on 2014 dollar value]

Country	2011	2012	2013	2014
Total	5,974	6,662	6,097	5,330
Top 25 foreign countries	3,420	3,934	4,433	5,184
Indonesia	781	301	810	785
France	272	512	606	664
United Arab Emirates	-	-	-	634
Argentina	225	542	265	531
Vietnam	442	380	538	446
Japan	259	314	438	317
Thailand	683	839	364	291
China	250	310	299	262
Canada	139	141	140	255
Gabon	-	182	60	211
Korea, South	91	73	536	194
Mexico	18	12	10	97
Nigeria	-	-	-	80
Singapore	5	52	6	56
Taiwan	27	33	45	46
Italy	38	38	43	43
Ecuador	1	22	3	38
United Kingdom	10	13	30	36
Switzerland	44	47	35	33
Peru	4	5	32	33
New Zealand	35	31	32	31
Germany	23	17	31	31
Philippines	36	24	29	27
Australia	22	32	57	25
Netherlands	15	12	25	19

Source: U.S. Census Bureau, Foreign-Trade Division "Total U.S. Imports via Hawaii - Top 25 6-digit HS Commodities Based on 2014 Dollar Value"

<<http://www.census.gov/foreign-trade/statistics/state/data/imports/hi.html>> accessed July 16, 2015.

**Table 24.07-- TOTAL AND TOP 25 CATEGORIES OF COMMODITY  
EXPORTS TO FOREIGN COUNTRIES: 2011 TO 2014**

[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]

<b>Commodity</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
All commodities	884	732	598	1,447
Top 25 commodities based on 2014 value	517	374	433	1,263
Parts of airplanes or helicopters, NESOI	32	52	83	303
Petrol oil bitum mineral (NT crude etc NT bio	10	-	27	292
Arom hydc NESOI 65 pct AO DSTLS A 250DC ASTM D	-	-	10	143
Lt oils, preps GT=70% petroleum/bitum NT biod	-	65	69	128
Helicopters of an unladen weight > 2,000 kg	-	-	-	94
Civilian aircraft, engines and parts	289	83	71	57
Ferrous waste & scrap NESOI	54	48	33	35
Exports of military equipment, not identified	8	1	6	34
Cold-water shrimps and prawns, not frozen	-	10	18	26
Aluminum waste and scrap	21	15	17	18
Cocoa preparations, not in bulk form, NESOI	12	16	15	12
Stainless steel waste & scrap	16	15	13	11
Nonconiferous wood in the rough NESOI, not treat	7	5	7	10
Water, mineral & aerated natural/artificial not sweetened	26	24	23	10
Jewelry & parts thereof, of other precious metal	10	9	7	10
Papayas (papaws), fresh	8	9	9	10
Waters, not sweetened or flavored NESOI; ice, etc.	-	-	-	9
Copper waste & scrap	6	6	9	9
Parts of non-powered & powered aircraft, etc.	-	-	-	8
Tank & other armored fight vehicles, motorized; etc.	2	1	1	8
Coffee, roasted, not decaffeinated	6	6	5	8
Waste, scrap unbleach kraft, corrugated paper	10	8	7	8
Surveying instruments and appliances, NESOI	-	1	-	7
Bomb mines other ammunition projections, etc.	-	1	1	7
App for the transmission/reception of voice/images/data	-	-	-	6

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 2014 Dollar Value"  
<<http://www.census.gov/foreign-trade/statistics/state/data/hi.html>> accessed July 16, 2015.

**Table 24.08-- TOTAL AND TOP 25 CATEGORIES OF COMMODITY  
IMPORTS FROM FOREIGN COUNTRIES: 2011 TO 2014**

[In millions of dollars. U.S. Imports by State of Final Destination (State Import Series)]

Commodity	2011	2012	2013	2014
Total Hawaii imports	5,974	6,662	6,097	5,330
Top 25 commodities based on 2014 dollar value	5,211	5,783	5,246	4,569
Crude oil from petroleum and bituminous minerals	4,550	4,773	3,307	3,005
Airplane & other aircraft, unladen weight > 15,000 kg	220	452	565	636
Petrol oil bitum mineral (NT crude) etc NT bio	45	24	583	276
Passenger vehicles SPK-IG INT COM RCPR P ENG > 1500 NOV	98	133	119	118
Lt oils, preps GT=70% petroleum/bitum NT BIOD	-	-	271	97
Passenger vehicles, spark ign eng com RCPR P ENG>3000 CC	62	77	86	92
Bituminous coal, not agglomerated	42	38	41	46
Pebbles, gravel etc for concrete aggregates	2	25	19	35
Photosensitive semiconductor devices, include photovoltaic cells	13	45	37	30
Propane, liquified	24	16	22	29
Jewelry and parts thereof, of other precious metal	22	33	27	24
Turbojets of a thrust exceeding 25 KN	-	-	16	17
Beer made from malt	22	16	13	17
Portland cement except white Portland cement	13	12	14	16
Wooden kitchen furniture, except seats	11	11	14	16
Meat of bovine animals, boneless, frozen	13	14	14	15
Wooden furniture, NESOI 1/	12	13	16	14
Tuna, skipjack/striped-bellied bonito fillet	-	6	4	13
Wrist watch, NT battery, case base metal, auto	16	16	13	12
Imports of religious, education, scientific	-	1	5	11
Ethyl alcohol & other spirits denatured any str	-	30	-	10
Seats with wooden frames, upholstered, NESOI 1/	8	9	9	10
Passenger motor vehicles, spark ign eng >1,000 cc but =<150 cc	15	19	35	10
Waterskis surfboard water-sprt eq ex slbrd; pts & etc.	10	10	10	10
Container bags, cases etc. NESOI, plastic/text 1/	14	9	8	9

1/ NESOI- Not elsewhere specified or indicated.

Source: U.S. Census Bureau, Foreign-Trade Division "Total U.S. Imports via Hawaii - Top 25 6-digit HS Commodities Based on 2014 Dollar Value"

<<http://www.census.gov/foreign-trade/statistics/state/data/imports/hi.html>> accessed July 16, 2015.

**Table 24.09--FOREIGN AGRICULTURAL EXPORTS FOR HAWAII AND  
THE UNITED STATES: 1973 TO 2013**

[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'series 2000 to 2012 estimates are revised for Hawaii and 2011- 2012 for the U.S. 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	51,265.5
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	141.5	51,265.5	2007	208.4	89,991.8
2001	147.6	53,678.9	2008	293.0	114,761.4
2002	146.1	53,144.2	2009	313.4	98,453.9
2003	152.6	59,392.7	2010	359.1	115,820.1
2004	158.3	61,418.1	2011	401.8	136,444.4
2005	178.8	63,182.3	2012	419.0	141,406.0
2006	189.8	70,950.4	2013	451.8	144,379.3

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 methodology and commodity coverage. Data for 1989 and prior may be kinked due to differences in methodology 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, 2011) ; Ibid. "U.S. Agricultural Exports, Commodity detail by State [New series]: CY2000-2013" (April 29, 2015)

<<http://www.ers.usda.gov/data-products/state-export-data.aspx>> accessed May 19, 2015.

**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 lint, 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 2013**

[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	2012	2013
Total agricultural exports	141.5	147.6	146.1	152.6	158.3	178.8	189.8	208.4	293.0	313.4	359.1	401.8	419.0	451.8
Total animal products	18.4	18.4	19.1	13.9	12.4	12.3	11.3	16.2	32.9	29.7	32.9	46.3	55.9	51.8
Beef and veal	1.7	1.5	1.5	1.5	0.4	0.6	1.1	1.4	1.6	2.0	2.5	4.0	4.4	4.6
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	0.7	0.6
Hides and skins	0.7	0.9	0.8	0.7	0.8	0.7	1.0	1.0	0.9	0.8	1.1	1.6	1.7	1.8
Other animal products	12.8	13.0	13.9	9.0	8.4	8.0	6.3	11.3	27.6	24.0	26.1	37.5	46.7	42.1
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	1.3	1.7
Poultry products	1.3	1.3	1.1	1.1	1.1	1.0	1.0	1.0	1.2	1.3	1.1	1.3	1.1	1.0
Total plant products	123.1	129.2	126.9	138.7	145.9	166.5	178.4	192.2	260.2	283.6	326.2	355.5	363.2	400.0
Vegetables, fresh	12.8	12.5	12.4	12.9	12.8	13.2	13.8	10.7	6.9	6.9	8.7	9.5	9.2	9.7
Vegetables, processed	19.4	18.8	17.5	16.8	17.1	17.3	18.1	14.7	11.2	11.2	13.5	15.4	17.4	17.5
Fruits, fresh	14.2	14.9	13.3	14.0	13.6	16.8	16.3	14.7	17.5	16.1	16.4	17.7	18.0	18.4
Fruits & nuts, processed	20.6	21.1	19.8	22.4	24.7	31.2	31.8	28.7	33.0	31.8	33.2	37.8	39.1	43.9
Other plant products 2/	56.1	61.9	64.0	72.5	77.8	88.0	98.4	123.4	191.5	217.6	254.5	275.1	279.4	310.5

1/ Rice, wheat, corn, grain products processed, feeds and fodder, soybeans, soybean meal, vegetable oils, cotton, and tobacco are zero over the period.

2/ Includes sugar products, planting seeds, other oilseeds and oilseed products, other horticulture products, and other processed foods.

Source: U.S. Department of Agriculture, Economic Research Service, "U.S. Agricultural Exports, Commodity detail by State [New series]: CY2000-2013" (April 29, 2015) <<http://www.ers.usda.gov/data-products/state-export-data.aspx>> accessed May 19, 2015.

**Table 24.12-- PROFILE OF IMPORTING AND EXPORTING COMPANIES,  
UNITED STATES AND HAWAII: 2011 TO 2013**

[In number, millions of dollars, and percent]

Characteristic	2011		2012		2013	
	U.S.	Hawaii	U.S.	Hawaii	U.S.	Hawaii
Exports by state of origin of movement 1/						
Value of exports	1,480,432	884	1,545,709	732	1,579,593	598
Value as percent of total	100.0	0.1	100.0	(2/)	100.0	(2/)
Known value 3/	1,325,046	724	4/ 1,381,728	4/ 455	1,400,955	458
Percent of known value	100.0	0.1	100.0	(2/)	100.0	(2/)
Number of identified exporters	303,509	880	4/ 305,669	4/ 891	304,223	862
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	15.8	29.2	4.4	-17.2	2.2	-18.3
Known value 3/	16.2	31.6	4/ 4.3	-37.2	1.4	0.8
Number of exporters	3.2	1.4	4/ 0.7	1.3	-0.5	-3.3
Imports by state of destination 5/						
Value of imports	2,207,824	5,974	2,275,320	6,771	2,268,321	6,097
Value as percent of total	100.0	0.3	100.0	0.3	100.0	0.3
Known value 3/	1,945,307	5,771	2,007,762	6,540	1,986,142	5,836
Percent of known value	100.0	0.3	100.0	0.3	100.0	0.3
Number of identified importers	183,960	2,013	185,729	2,081	184,208	2,031
Percent of number of ident. imp.	100.0	1.1	100.0	1.1	100.0	1.1
Percent change from previous year						
Value of imports	15.4	26.0	3.1	13.3	-0.3	-10.0
Known value 3/	15.8	28.9	3.2	13.3	-1.1	-10.8
Number of importers	1.3	-0.4	1.0	3.4	-0.8	-2.4

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/ Represents zero or one-half unit of measurement shown.

3/ Defined as portion of total U.S. exports that could be matched to specific companies.

4/ Revised from previous *Data Book*.

5/ Series introduced with the 2008 data.

Source: U.S. Census Bureau, *Profile of U.S. Importing and Exporting Companies, 2010-2011* (pp. 53-56) <<http://www.census.gov/foreign-trade/Press-Release/edb/2011/edbrel.pdf>> accessed May 16, 2013; Ibid. *2011-2012* (pp. 49-53) <<http://www.census.gov/foreign-trade/Press-Release/edb/2012/edbrel.pdf>> accessed June 10, 2014; Ibid. *2012-2013* (pp. 49-53) <<http://www.census.gov/foreign-trade/Press-Release/edb/2012/edbrel.pdf>> accessed April 10, 2015; and calculations by Hawaii State Department of Business, Economic Development & Tourism.



**Table 24.13-- AGRICULTURAL LANDHOLDINGS OF FOREIGN OWNERS:  
2004 TO 2012**

[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. Beginning with the 2011, the report will be published only as of the end of each calendar year]

<b>Closing date</b>	<b>Parcels owned by foreigners</b>	<b>Privately owned agricultural land 1/</b>	<b>Acres owned by foreigners</b>	<b>Percent of all privately owned agric. land 2/</b>	<b>Agricultural acres owned by foreigners</b>
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
Dec. 31, 2011	116	1,803,038	163,530	8.8	158,887
Dec. 31, 2012	116	1,803,038	163,530	8.8	158,887

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, 2002 respectively.

2/ The December 31, 2012 percentage for Hawaii ranked 2nd (rank of 1 assigned to the highest) among the 50 States, exceeded only by Maine at 16.2 percent and well above the national percentage of 2.0 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 and *Ibid. Foreign Holdings of U.S. Agricultural Land Through December 31* (annual), reports 1, 2 and 3 <<http://www.fsa.usda.gov/programs-and-services/economic-and-policy-analysis/afida/index>> accessed June 18, 2015.

**Table 24.14-- AGRICULTURAL AND NONAGRICULTURAL LANDHOLDINGS OF FOREIGN OWNERS, BY COUNTRY AND BY COUNTY: 2011 AND 2012**

[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
December 31, 2011					
Parcels owned by foreigners	116	11	75	7	23
Use of landholdings of foreign owners	163,530	6,153	96,082	7,927	53,368
Agriculture	158,887	2,960	94,885	7,886	53,156
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	34,107	1,117	30,664	703	1,623
Non agriculture	4,643	3,193	1,197	41	212
Acres owned by foreigners	163,530	6,153	96,082	7,927	53,368
Canada	82	-	66	-	16
Germany	434	-	23	384	27
Netherlands	37,410	-	37,408	-	2
United Kingdom	3,128	-	3,128	-	-
All others	122,476	6,153	55,457	7,543	53,323
December 31, 2012					
Parcels owned by foreigners	116	11	75	7	23
Use of landholdings of foreign owners	163,530	6,153	96,082	7,927	53,368
Agriculture	158,887	2,960	94,885	7,886	53,156
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	34,107	1,117	30,664	703	1,623
Non agriculture	4,643	3,193	1,197	41	212
Acres owned by foreigners	163,530	6,153	96,082	7,927	53,368
Canada	82	-	66	-	16
Germany	434	-	23	384	27
Netherlands	37,410	-	37,408	-	2
United Kingdom	3,128	-	3,128	-	-
All others	122,476	6,153	55,457	7,543	53,323

Source: U.S. Department of Agriculture, Farm Service Agency, *Foreign Ownership of U. S. Agricultural Land Through December 31* (annual) reports 2 and 3

<<http://www.fsa.usda.gov/programs-and-services/economic-and-policy-analysis/afida/index>> accessed June 18, 2015.

**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) affiliates.

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) affiliates. 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	-	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) affiliates. 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) affiliates. 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/	Manufacturing	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) affiliates. 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 2012**

[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, & equipment (million dollars)	Employment (1,000 employees)					
		2007	2008	2009	2010	2011 1/	2012
All countries	6,184	31.0	27.6	26.7	26.8	29.8	32.1
Japan	4,320	16.6	13.2	12.8	12.7	14.2	14.9
Canada	18	0.6	0.9	0.9	1.0	0.8	0.6
France	680	4.6	4.3	4.5	4.4	5.9	6.1
Germany	250	0.9	0.8	0.7	0.7	0.7	0.9
Netherlands	(D)	0.1	0.1	0.1	0.1	0.3	0.3
Switzerland	39	0.8	0.9	1.0	0.9	1.0	1.2
United Kingdom	58	2.4	3.0	2.3	2.7	2.5	2.3
Other	(D)	4.9	4.4	4.4	4.3	4.3	0.7
All industries	6,184	31.0	27.6	26.7	26.8	29.8	32.1
Manufacturing	303	2.8	3.4	2.8	3.3	2.8	3.0
Wholesale trade	434	2.5	1.9	1.4	1.3	1.3	1.0
Retail trade	363	3.2	3.3	4.2	4.3	5.5	5.6
Information	150	0.3	0.5	0.4	0.4	0.3	0.4
Finance and insurance	(D)	3.1	2.6	2.6	2.5	2.8	2.9
Real estate & rental & leasing	763	1.3	1.2	1.2	1.2	1.1	(2/)
Professional, scientific & technical services	12	0.2	0.1	0.1	0.1	0.3	0.2
Other industries	(D)	17.6	14.5	14.1	13.8	15.6	(3/)

D Withheld to avoid disclosing data for individual companies.

1/ Revised from previous *Data Book*.

2/ Size ranges are given in employment cells that are suppressed. This size range is 1,000 to 2,499.

3/ Size ranges are given in employment cells that are suppressed. This size range is 10,000 to 24,999.

Source: U.S. Bureau of Economic Analysis, International Data, Direct Investment & MNC, "Foreign Direct Investment" "Employment by State and Country 2007-2012 (Excel)"; "Employment by State and Industry 2007-2012 (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 March 18, 2015.



**Table 24.21-- FOREIGN DIRECT INVESTMENT IN ALL AFFILIATES:  
2007 TO 2012**

[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]

<b>Category</b>	<b>Gross property, plant, and equipment (million dollars)</b>	<b>Employment (1,000 employees)</b>
2007	6,990	32.4
2008	(NA)	29.2
2009	(NA)	28.1
2010	(NA)	28.5
2011 1/	(NA)	31.1
2012	(NA)	32.9

NA Not available.

1/ Revised from previous *Data Book*.

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 March 18, 2015.

# BIBLIOGRAPHY

This volume is the 47th 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 18th 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](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 on the Internet site <<http://hawaiicounty.gov/databook>>. *Maui County Data Book 2013*, 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 June 2014. 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 131<sup>th</sup>, 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 2014**

[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/
2013	5/	849	5/	5/	5/	5/
2014	5/	843	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.

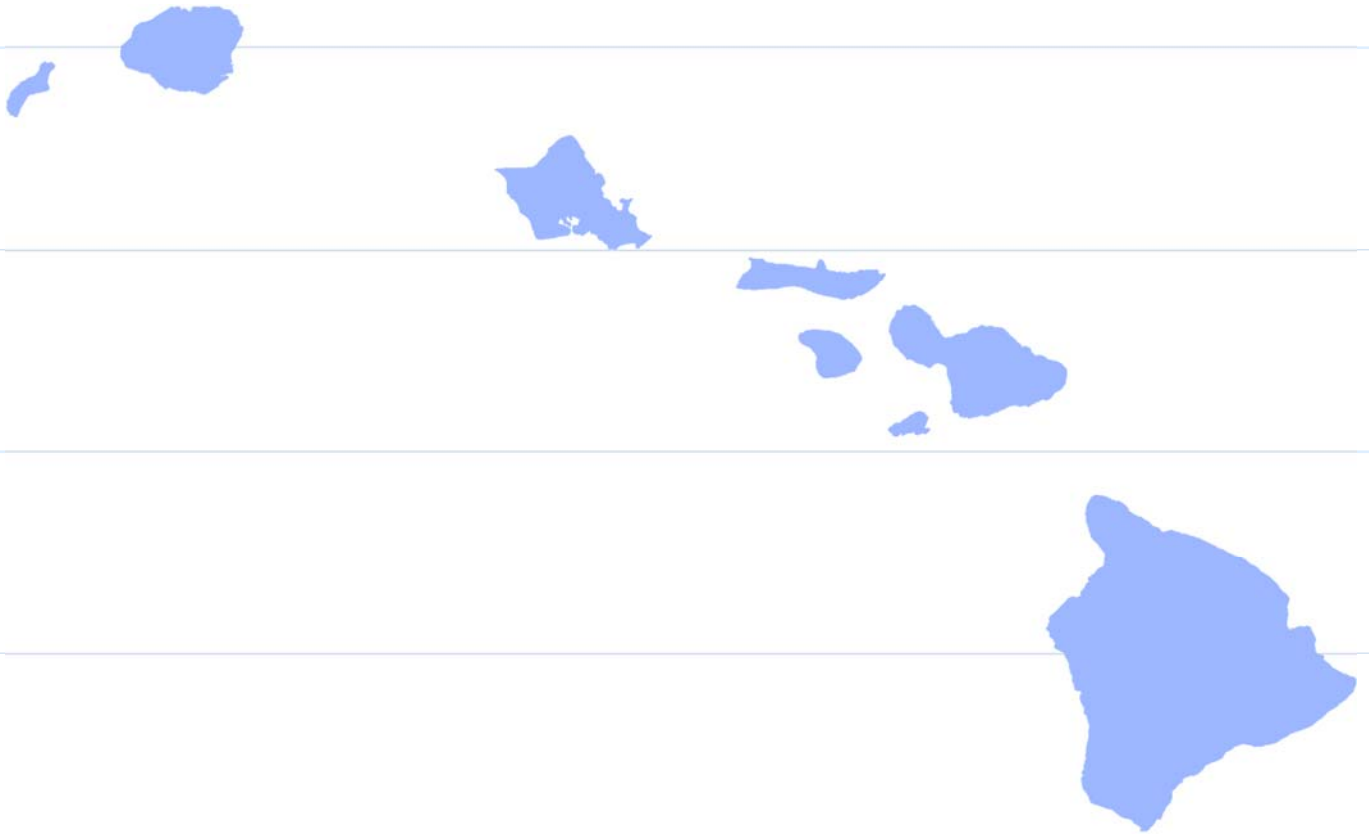
Electronic versions of the *Data Book* on CD-ROM were distributed on the Hawai'i Data Disc series. The first Hawai'i Data Disc, produced by the Research and Economic Analysis Division of DBEDT in 1993, contained the 1989 through 1992 *Data Books*. The 2002 Hawai'i Data Disc became available in September 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.

Time-series data from the *Data Book* can also be obtained using the custom search function from the DBEDT Data Warehouse, a web-based data query platform. The Internet site which hosts the DBEDT Data Warehouse is at <<http://www.hawaiieconomicdata.com/>>.

For further information about available data and sources, users should call the Research and Economic Analysis Division at (808) 586-2466.



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