

State Population Total

1,288,198

City & County of Honolulu

905,034

Hawaii County

175,784



# 2008

The State of Hawaii

# DATA BOOK

A Statistical Abstract



Kauai County

63,689

Maui County

143,691



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

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# 2008

The State of Hawaii  
**DATA BOOK**  
A Statistical Abstract



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

August 2009

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## Bibliography

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

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

## ABOUT THIS EDITION

The Department of Business, Economic Development & Tourism is pleased to present the 2008 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 41st in the series, closely follows the organization and format of its counterpart, the *Statistical Abstract of the United States*, to facilitate comparison of state and national data. It places the major emphasis on statewide data and less so on counties, islands, urban places, and smaller areas. Source references for additional statistical detail are provided in the introductions to the sections and at the end of each table.

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



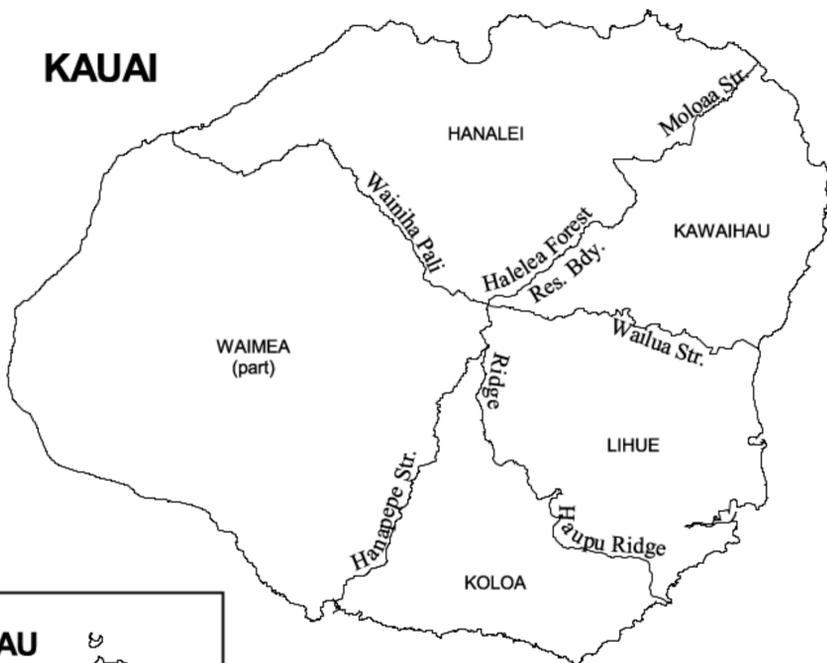
Theodore E. Liu  
Director of Business,  
Economic Development &  
Tourism

# STATE OF HAWAII COUNTIES and DISTRICTS

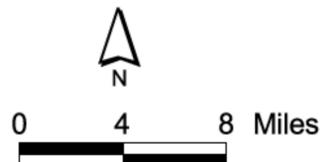
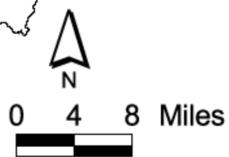
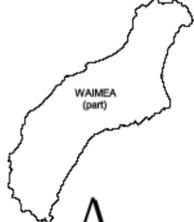


*NOTE: The Northwestern Hawaiian Islands, from Nihoa to Kure Atoll (exclusive of the Midway Islands, a U.S. possession) are part of the Honolulu District.*

## INSET A KAUAI COUNTY



### NIHAU

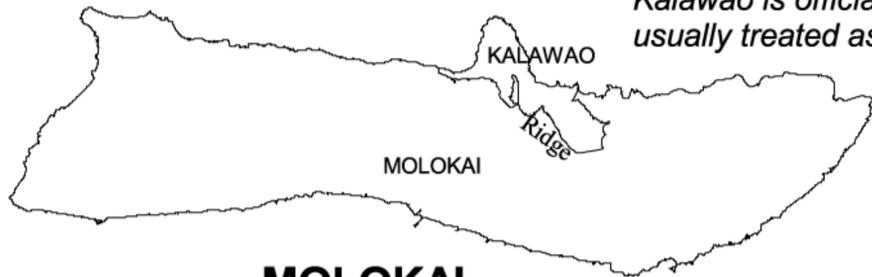


## INSET B HONOLULU CITY AND COUNTY

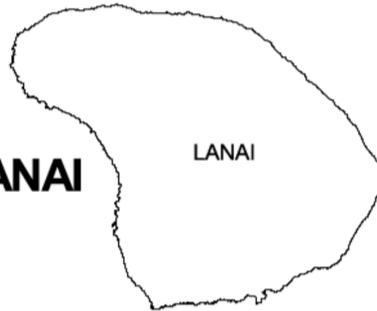


Kalawao is officially designated as a separate county but is usually treated as a district of Maui for statistical purposes.

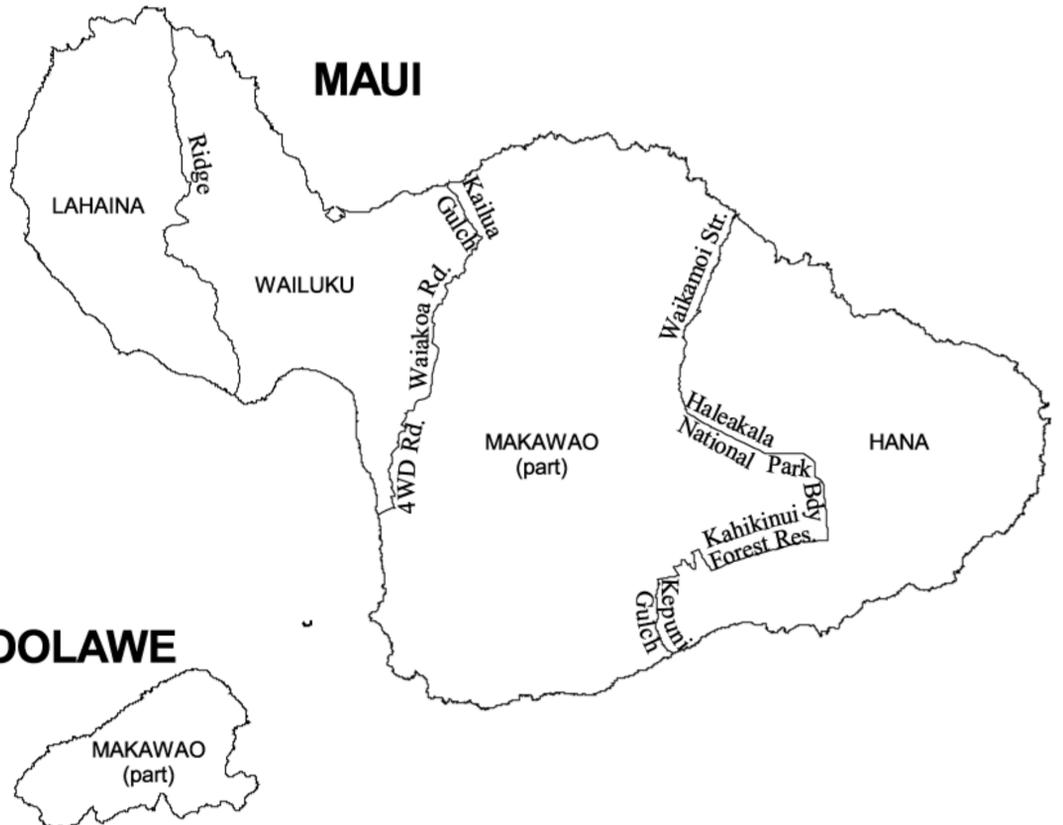
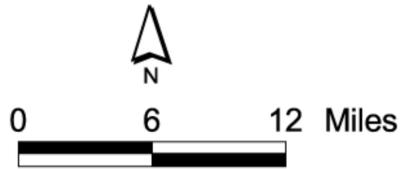
**INSET C  
MAUI  
COUNTY**



**MOLOKAI**

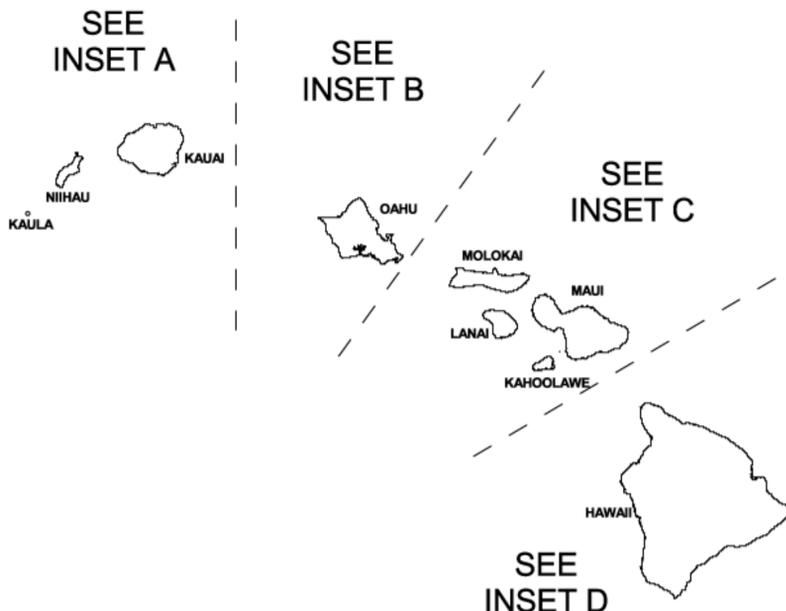


**LANAI**



**MAUI**

**KAHOOLAWE**



SEE  
INSET A

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INSET D



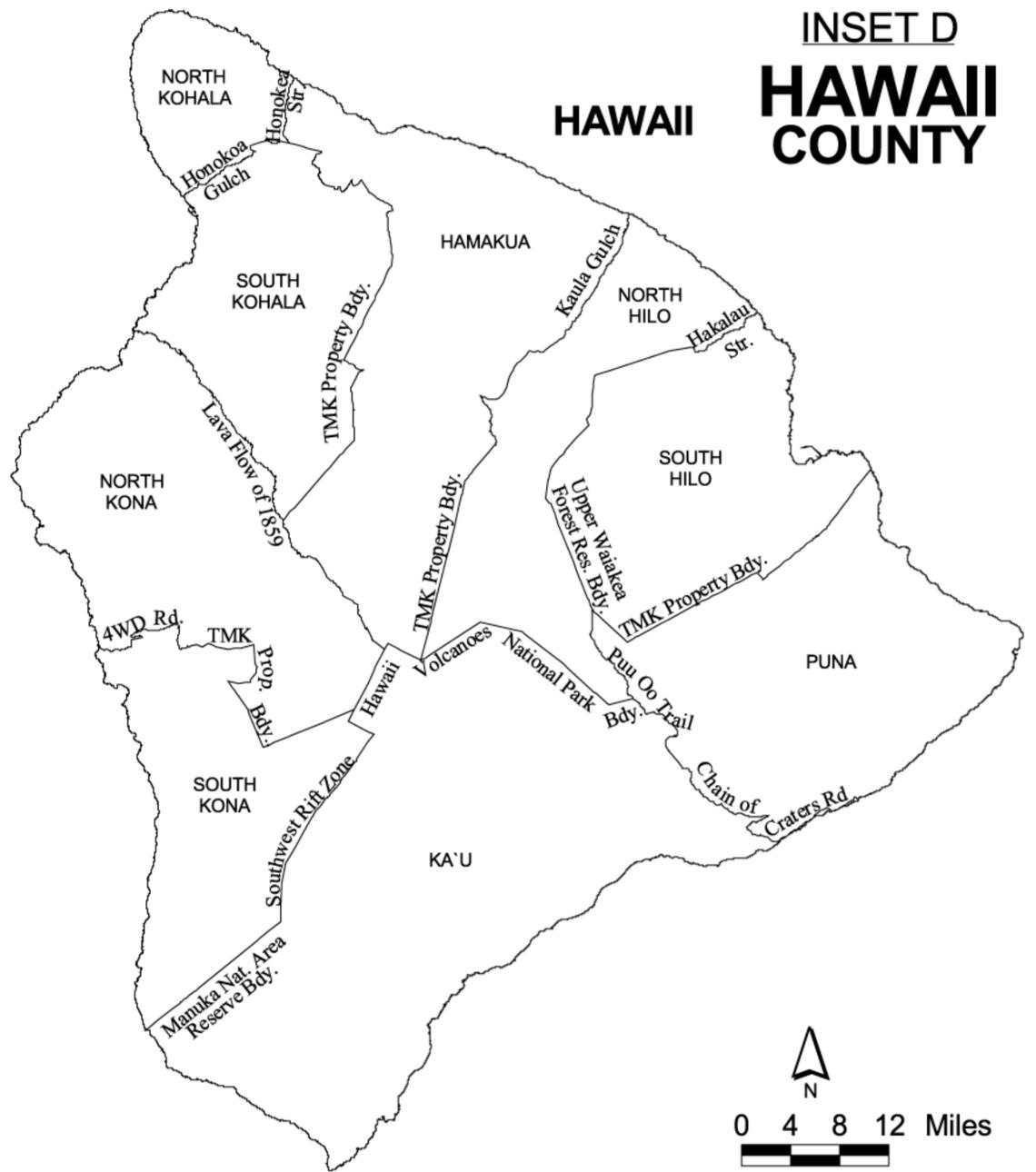
STATE OF HAWAII

DEPARTMENT OF BUSINESS, ECONOMIC  
DEVELOPMENT & TOURISM

OFFICE OF PLANNING

2001

**INSET D  
HAWAII  
COUNTY**



**HAWAII**



# GUIDE TO TABULAR PRESENTATION

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

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

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

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

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

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

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

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

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

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

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

## Section 1

# POPULATION

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

The principal sources for these data are the decennial population censuses conducted by the U.S. Census Bureau; the estimates developed annually by the Federal-State Cooperative Program for Population Estimates; the Hawaii Health Survey conducted regularly since 1969 by the Hawaii State Department of Health; the ongoing series on visitors present and residents absent currently provided by the Tourism Research Branch of the Hawaii State Department of Business, Economic Development & Tourism; and the Office of Immigration Statistics tabulations on immigration and naturalization. Earlier figures on population and migration are given in *Historical Statistics of Hawaii*, Sections 1 and 3. Comparable national statistics on population and migration appear in Section 1 of the *Statistical Abstract of the United States: 2009*.

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**Table 1.01-- POPULATION OF COUNTIES: 1831 TO 2000**

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

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

X Not applicable.

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

2/ Maui County including Kalawao County.

3/ Total population also reported as 129,814.

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

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

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

[See headnote to table 1.01]

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

NA Not available.

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

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

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

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

**Table 1.03-- RESIDENT POPULATION, BY MILITARY STATUS:  
1997 TO 2008**

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

Date	Total resident population 1/	Armed forces 2/	Civilian population		
			All civilians 1/	Military dependents 3/	Not military dependents 1/
1997: July 1	1,211,640	44,542	1,167,098	55,082	1,112,016
1998: July 1	1,215,233	44,984	1,170,249	60,022	1,110,227
1999: July 1	1,210,300	41,361	1,168,939	43,950	1,124,989
2000: April 1	1,211,537	43,496	1,168,041	42,450	1,125,591
July 1	1,211,479	44,452	1,167,027	44,541	1,122,486
2001: July 1	1,217,955	43,805	1,174,150	52,906	1,121,244
2002: July 1	1,227,391	44,513	1,182,878	49,044	1,133,834
2003: July 1	1,238,333	43,939	1,194,394	53,449	1,140,945
2004: July 1	1,251,532	34,372	1,217,160	57,056	1,160,104
2005: July 1	1,264,468	40,371	1,224,097	57,473	1,166,624
2006: July 1	1,275,264	41,757	1,233,507	53,124	1,180,383
2007: July 1	1,277,356	34,892	1,242,464	59,606	1,182,858
2008: July 1	1,288,198	37,522	1,250,676	61,308	1,189,368

1/ The resident population is defined as the number of persons whose usual place of residence is in an area, regardless of physical location on the estimate or census date. It includes military personnel stationed or homeported in the area and residents temporarily absent, but excludes visitors present. Resident population estimates for 1991 through 1999 were revised based upon the April 1, 2000 figures. The revisions were released April 19, 2002. Population estimates after 1999 were based on data released December 22, 2008 and may differ somewhat from earlier figures cited in other tables. Figures for "all civilians" and for "civilian population - not military dependent" may also differ from earlier figures as a result of these population revisions.

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

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

Source: U.S. Census Bureau, Population Division, "Table 1: Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2008" (NST-EST2008-01) (December 22, 2008) <<http://www.census.gov/popest/states/tables/NST-EST2008-01.xls>> accessed December 22, 2008, records and decennial censuses; U.S. Census Bureau, Population Division and Hawaii State Department of Business, Economic Development & Tourism, "Population Estimates by Military Status by Single Years of Age for the State of Hawaii: 2000 to 2008" <[http://hawaii.gov/dbedt/info/census/popestimate/2008-state-characteristics/Milstat\\_year\\_00\\_08\\_hi.xls](http://hawaii.gov/dbedt/info/census/popestimate/2008-state-characteristics/Milstat_year_00_08_hi.xls)> (May 14, 2009) accessed May 14, 2009; Hawaii State Department of Business, Economic Development & Tourism, annual survey of local commanding officers and calculations.

**Table 1.04-- RESIDENT AND DE FACTO POPULATION, BY RESIDENCE  
STATUS: 1990 TO 2008**

Date	Resident population 1/		De facto population 2/		De facto-resident ratio
	Total	Temporarily absent 3/	Total	Visitors present 4/	
1990: April 1	1,108,229	28,602	1,230,731	151,104	1.111
July 1	1,113,491	27,994	1,240,013	154,516	1.114
1991: July 1	1,136,754	31,812	1,252,265	147,323	1.102
1992: July 1	1,158,613	39,200	1,271,662	152,249	1.098
1993: July 1	1,172,838	52,487	1,267,849	147,498	1.081
1994: July 1	1,187,536	54,362	1,289,804	156,630	1.086
1995: July 1	1,196,854	55,856	1,298,096	157,098	1.085
1996: July 1	1,203,755	58,137	1,303,915	158,297	1.083
1997: July 1	1,211,640	40,898	1,327,930	157,187	1.096
1998: July 1	1,215,233	38,495	1,334,125	157,388	1.098
1999: July 1	1,210,300	42,297	1,332,442	164,439	1.101
2000: April 1	1,211,537	42,021	1,337,991	168,475	1.104
July 1	1,211,479	46,151	1,333,965	168,637	1.101
2001: July 1	1,217,955	46,566	1,329,636	158,247	1.092
2002: July 1	1,227,391	46,757	1,340,829	160,195	1.092
2003: July 1	1,238,333	53,447	1,345,934	161,048	1.087
2004: July 1	1,251,532	57,481	1,365,532	171,481	1.091
2005: July 1	1,264,468	65,674	1,384,239	185,445	1.095
2006: July 1	1,275,264	68,656	1,396,049	189,441	1.095
2007: July 1	1,277,356	71,626	1,395,142	5/ 189,412	1.092
2008: July 1	1,288,198	72,080	1,388,605	172,487	1.078

1/ The resident population is defined as the number of persons whose usual place of residence is in an area, regardless of physical location on the estimate or census date. It includes military personnel stationed or homeported in the area and residents temporarily absent, but excludes visitors present. Resident population estimates for 1991 through 1999 were revised based upon the April 1, 2000 figures. The revisions were released April 19, 2002. Population estimates after 1999 were based on data released December 22, 2008 and may differ somewhat from earlier figures cited in other tables.

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

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

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

5/ Revised from previous *Data Book*.

Source: U.S. Census Bureau, Population Division, "Table 1: Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2008" (NST-EST2008-01) (December 22, 2008) <<http://www.census.gov/popest/states/tables/NST-EST2008-01.xls>> accessed December 22, 2008; Hawaii State Department of Business, Economic Development & Tourism, Tourism Research Branch; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

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

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

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

NA Not available.

1/ Including Molokini, uninhabited.

2/ Including Sand Island (56 in 1970, 60 in 1980, 25 in 1990), Mokauea Island (12 in 1970, 11 in 1980, uninhabited in 1990), Ford Island (798 in 1970, 522 in 1980, 233 in 1990), and Moku o Loe (uninhabited in 1970, 16 in 1980, 6 in 1990). The combined total for Sand Island and Mokauea Island in 1960 was 36.

These offshore islands were not reported separately in other years.

3/ Including Lehua and Kaula, uninhabited.

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

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

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

**Table 1.06-- RESIDENT POPULATION, BY COUNTY: 1990 TO 2008**

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

Date	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County 1/
1990: April 1	1,108,229	836,231	120,317	51,177	100,504
July 1 2/	1,113,491	838,534	121,572	51,676	101,709
1991: July 1 2/	1,136,754	850,510	127,266	53,379	105,599
1992: July 1 2/	1,158,613	863,959	131,630	54,439	108,585
1993: July 1 2/	1,172,838	870,348	135,085	55,461	111,944
1994: July 1 2/	1,187,536	878,591	137,713	56,478	114,754
1995: July 1 2/	1,196,854	881,399	140,492	57,068	117,895
1996: July 1 2/	1,203,755	883,443	141,935	57,688	120,689
1997: July 1 2/	1,211,640	886,711	144,445	57,712	122,772
1998: July 1 2/	1,215,233	886,909	145,833	57,843	124,648
1999: July 1 2/	1,210,300	878,906	146,970	58,264	126,160
2000: April 1	1,211,537	876,156	148,677	58,463	128,241
July 1	1,211,479	875,054	149,060	58,506	128,859
2001: July 1	1,217,955	877,024	150,806	58,722	131,403
2002: July 1	1,227,391	882,278	153,040	59,409	132,664
2003: July 1	1,238,333	887,576	156,127	59,963	134,667
2004: July 1	1,251,532	893,879	159,865	60,937	136,851
2005: July 1	1,264,468	899,673	164,462	61,589	138,744
2006: July 1	1,275,264	904,134	169,061	61,950	140,119
2007: July 1	1,277,356	900,525	172,547	62,761	141,523
2008: July 1	1,288,198	905,034	175,784	63,689	143,691

1/ Including Kalawao County (Kalaupapa Settlement). Kalawao had 130 in 1990, 147 in 2000, and 117 in 2008.

2/ Population estimates for 1990 through 1999 were revised based upon the April 1, 2000 figures. The revisions were released April 19, 2002. Population estimates after April 1, 2000 are based on revisions released in March 2009 and may differ somewhat from earlier figures cited in other tables.

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

<<http://eire.census.gov/popest/data/counties/tables/CO-EST2001-12/CO-EST2001-12-15.php>> accessed April 19, 2002; "Table 1: Annual Estimates of the Resident Population for Counties of Hawaii: April 1, 2000 to July 1, 2008" (CO-EST2008-01-15) (March 19, 2009)

<<http://www.census.gov/popest/counties/tables/CO-EST2008-01-15.xls>> accessed March 19, 2009.

**Table 1.07 -- PERCENTAGE CHANGE IN RESIDENT POPULATION,  
BY COUNTY: 1991 TO 2008**

[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:					
1991 2/	2.1	1.4	4.7	3.3	3.8
1992 2/	1.9	1.6	3.4	2.0	2.8
1993 2/	1.2	0.7	2.6	1.9	3.1
1994 2/	1.3	0.9	1.9	1.8	2.5
1995 2/	0.8	0.3	2.0	1.0	2.7
1996 2/	0.6	0.2	1.0	1.1	2.4
1997 2/	0.7	0.4	1.8	0.0	1.7
1998 2/	0.3	0.0	1.0	0.2	1.5
1999 2/	-0.4	-0.9	0.8	0.7	1.2
2000	0.1	-0.4	1.4	0.4	2.1
2001	0.5	0.2	1.2	0.4	2.0
2002	0.8	0.6	1.5	1.2	1.0
2003	0.9	0.6	2.0	0.9	1.5
2004	1.1	0.7	2.4	1.6	1.6
2005	1.0	0.6	2.9	1.1	1.4
2006	0.9	0.5	2.8	0.6	1.0
2007	0.2	-0.4	2.1	1.3	1.0
2008	0.8	0.5	1.9	1.5	1.5
Annual average growth:					
1990-2000	0.8	0.4	2.1	1.2	2.4
2000-2008	0.8	0.4	2.1	1.1	1.4
1998-2008	0.6	0.2	1.9	1.0	1.4

1/ Maui County includes Kalawao County.

2/ Population estimates for 1990 through 1999 were revised based upon the April 1, 2000 figures. The revisions were released April 19, 2002. Population estimates after April 1, 2000 are based on revisions released in March 2009 and may differ somewhat from earlier figures cited in other tables.

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

<<http://eire.census.gov/popest/data/counties/tables/CO-EST2001-12/CO-EST2001-12-15.php>> accessed April 19, 2002; "Table 1: Annual Estimates of the Resident Population for Counties of Hawaii: April 1, 2000 to July 1, 2008" (CO-EST2008-01-15) (March 19, 2009)

<<http://www.census.gov/popest/counties/tables/CO-EST2008-01-15.xls>> accessed March 19, 2008; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 1.08 -- COUNTY POPULATION AS A SHARE OF THE STATE  
TOTAL: 1990 TO 2008**

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

Date		City and County of Honolulu	Hawaii County	Kauai County	Maui County 1/
1990:	April 1	75.5	10.9	4.6	9.1
	July 1 2/	75.3	10.9	4.6	9.1
1991:	July 1 2/	74.8	11.2	4.7	9.3
1992:	July 1 2/	74.6	11.4	4.7	9.4
1993:	July 1 2/	74.2	11.5	4.7	9.5
1994:	July 1 2/	74.0	11.6	4.8	9.7
1995:	July 1 2/	73.6	11.7	4.8	9.9
1996:	July 1 2/	73.4	11.8	4.8	10.0
1997:	July 1 2/	73.2	11.9	4.8	10.1
1998:	July 1 2/	73.0	12.0	4.8	10.3
1999:	July 1 2/	72.6	12.1	4.8	10.4
2000:	April 1	72.3	12.3	4.8	10.6
	July 1	72.2	12.3	4.8	10.6
2001:	July 1	72.0	12.4	4.8	10.8
2002:	July 1	71.9	12.5	4.8	10.8
2003:	July 1	71.7	12.6	4.8	10.9
2004:	July 1	71.4	12.8	4.9	10.9
2005:	July 1	71.2	13.0	4.9	11.0
2006:	July 1	70.9	13.3	4.9	11.0
2007:	July 1	70.5	13.5	4.9	11.1
2008:	July 1	70.3	13.6	4.9	11.2

1/ Maui County includes Kalawao County.

2/ Population estimates for 1990 through 1999 were revised based upon the April 1, 2000 figures. The revisions were released April 19, 2002. Population estimates after April 1, 2000 are based on revisions released in March 2009 and may differ somewhat from earlier figures cited in other tables.

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

<<http://eire.census.gov/popest/data/counties/tables/CO-EST2001-12/CO-EST2001-12-15.php>> accessed April 19, 2002; "Table 1: Annual Estimates of the Resident Population for Counties of Hawaii: April 1, 2000 to July 1, 2008" (CO-EST2008-01-15) (March 19, 2009)

<<http://www.census.gov/popest/counties/tables/CO-EST2008-01-15.xls>> accessed March 19, 2009; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 1.09-- DE FACTO POPULATION, BY COUNTY: 1990 TO 2008**

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

Date	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County 1/
1990: April 1	1,230,731	896,260	133,202	66,699	134,569
July 1	1,257,319	913,268	137,103	68,558	138,390
1991: July 1	1,252,265	901,717	141,240	69,605	139,703
1992: July 1	1,271,662	912,514	146,421	66,076	146,651
1993: July 1	1,267,849	909,506	148,014	61,262	149,067
1994: July 1	1,289,804	919,898	150,311	67,161	152,434
1995: July 1	1,298,096	921,626	152,482	68,844	155,144
1996: July 1	1,303,915	921,609	154,364	70,474	157,468
1997: July 1	1,327,930	932,931	161,225	71,763	162,011
1998: July 1	1,334,125	931,439	165,205	73,920	163,562
1999: July 1	1,332,442	927,689	164,570	74,441	165,743
2000: April 1	1,337,991	927,174	167,073	75,200	168,544
July 1	1,333,965	924,617	166,245	74,672	168,431
2001: July 1	1,329,636	920,982	167,247	73,587	167,820
2002: July 1	1,340,829	925,875	170,248	74,323	170,383
2003: July 1	1,345,934	925,145	172,368	75,306	173,115
2004: July 1	1,365,532	935,144	177,120	77,009	176,259
2005: July 1	1,384,239	940,831	184,837	78,287	180,283
2006: July 1	1,396,049	944,580	189,533	79,372	182,564
2007: July 1	1,395,142	938,767	191,537	81,557	183,281
2008: July 1	1,388,605	934,262	192,691	80,054	181,598

1/ Maui County including Kalawao County. The 2008 de facto population of Kalawao County, which is the Kalaupapa Settlement on Molokai, was 117.

Source: U.S. Census Bureau, Federal-State Cooperative Program for Population Estimates  
 "Table 1: Annual Estimates of the Resident Population for Counties of Hawaii: April 1, 2000 to July 1, 2008"  
 (CO-EST2008-01-15) (March 19, 2009) <<http://www.census.gov/popest/counties/tables/CO-EST2008-01-15.xls>>  
 accessed March 19, 2009; Hawaii State Department of Business, Economic Development & Tourism, Tourism Research Branch, records; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

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

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

X Not applicable.

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

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

3/ Maui County includes Kalawao County.

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

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

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

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

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

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

3/ Maui County includes Kalawao County.

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

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

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

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

1/ Including Kalawao County.

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

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

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

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

Continued on next page.

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

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

Continued on next page.

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

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

Continued on next page.

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

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

NA Not available.

X Not applicable.

1/ New census designated place for the 2000 Census.

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

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

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

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

**Table 1.14-- POPULATION AND PERCENTAGE CHANGE  
RANKINGS: 2000 AND 2008**

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

Comparison 1/	Resident population, 2008	Ranking		
		Population 2/		Percent change, 2000- 2008 3/
		2000	2008	
State of Hawaii:				
Among the 50 States and D.C.	1,288,198	42	42	25
Among the 50 States	1,288,198	42	42	25
Honolulu MSA: 4/				
Among all MSAs 5/	905,034	52	55	260
City and County of Honolulu: 6/				
Among all counties	905,034	48	51	1,278
Among incorporated places 7/	905,034	12	12	158
Honolulu CDP: 8/				
Among incorporated places 7/	374,676	47	49	194
Hawaii County 9/	175,784	363	342	267
Kalawao County 9/	117	3,141	10/ 3,141	3,119
Kauai County 9/	63,689	818	799	665
Maui County 9/	143,574	422	426	472
Hilo Micropolitan 11/	175,784	6	3	33
Kahului-Wailuku Micropolitan 11/	143,574	16	13	60
Kapaa Micropolitan 11/	63,689	168	145	96

Continued on next page.

**Table 1.14-- POPULATION AND PERCENTAGE CHANGE  
RANKINGS: 2000 AND 2008 -- Con.**

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

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

3/ Ranking of the area in regard to 2000-2008 population percent change, greatest percent change ranking 1. Figures for 2000 are from the April 1, 2000 Population Estimates base which reflects changes to the Census 2000 population from the Count Question Resolution program and geographic program revisions.

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

5/ Metropolitan Statistical Areas (MSAs) contain at least one Census Bureau-defined urbanized area of 50,000 or more people. Among all 363 U.S. metropolitan statistical areas.

6/ The City and County of Honolulu consists of Oahu and the Northwestern Hawaiian Islands (except Midway). There are 3,142 U.S. counties in 2000 (based on the April 1, 2000 Population Estimates base) and 2008. There are 273 incorporated places with a population of over 100,000 in 2008.

7/ Among all 273 incorporated places with over 100,000 population in 2008.

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

9/ Among all 3,142 U.S. counties.

10/ Kalawao County has the second lowest county population in the United States. The county with the lowest population is Loving, Texas with a population of 42.

11/ Micropolitan statistical areas contain at least one urban cluster of 10,000 to 49,999 people. Hilo Micropolitan consists of Hawaii County; Kahului-Wailuku Micropolitan consists of Maui County (excluding Kalawao County); and Kapaa Micropolitan consists of Kauai County. Among all 577 U.S. micropolitan statistical areas.

Source: U.S. Census Bureau, Population Division <<http://www.census.gov/popest/estimates.html>> accessed July 1, 2009.

# 2000 NEIGHBORHOOD AREAS

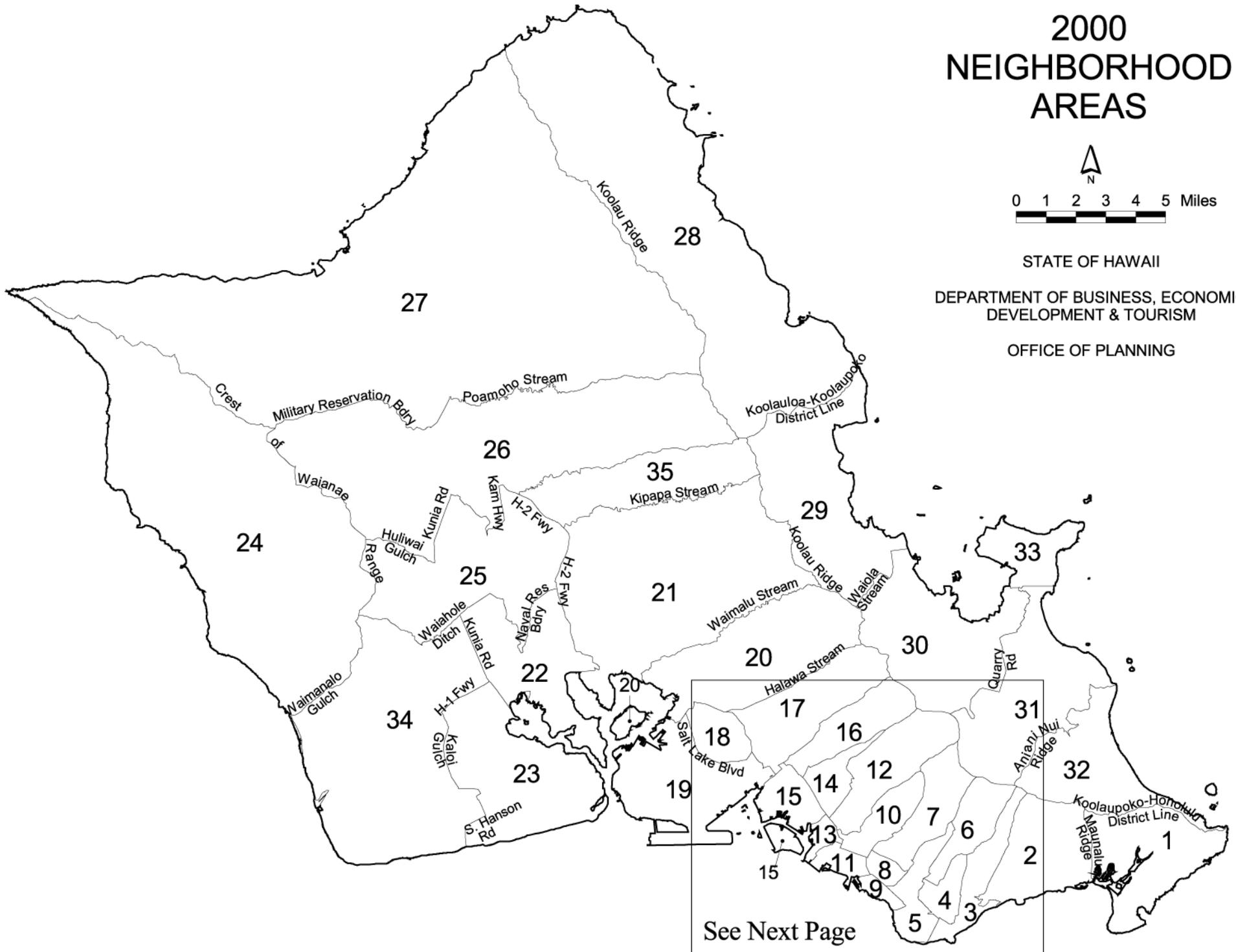


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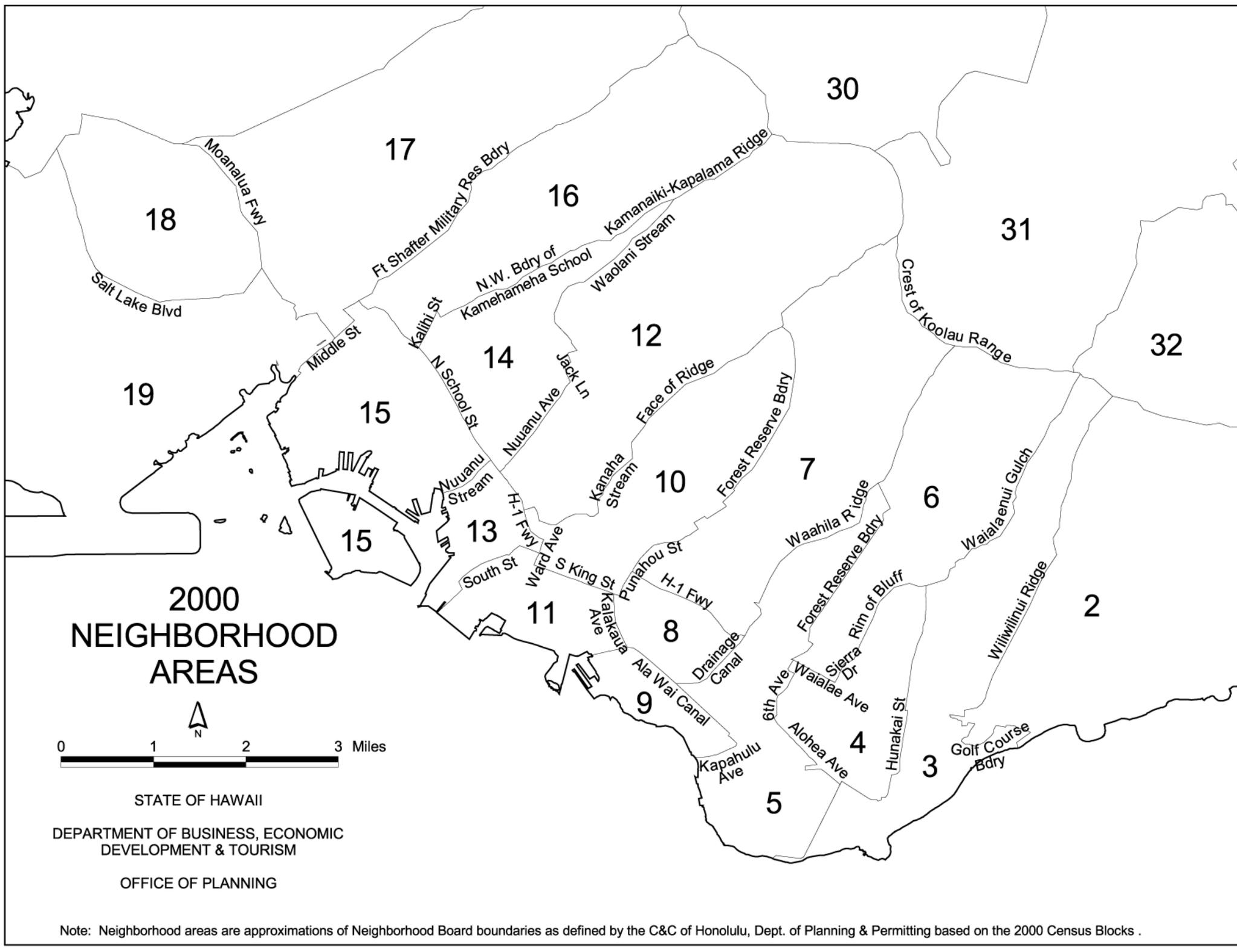
STATE OF HAWAII

DEPARTMENT OF BUSINESS, ECONOMIC  
DEVELOPMENT & TOURISM

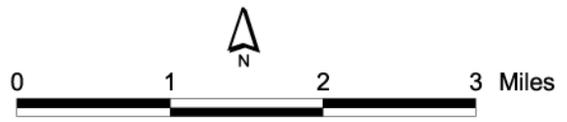
OFFICE OF PLANNING



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 2008**

<b>Neighborhood Area 1/ (see maps)</b>	<b>2000 2/</b>	<b>2008 3/</b>	<b>Percent change</b>
Oahu total	876,156	914,351	4.4
1 Hawaii Kai	27,657	29,852	7.9
2 Kuliouou-Kalani Iki	16,105	16,224	0.7
3 Waialae-Kahala	9,497	9,465	-0.3
4 Kaimuki	18,996	18,866	-0.7
5 Diamond Head/Kapahulu/St. Louis Heights	18,138	17,929	-1.2
6 Palolo	12,331	12,328	0.0
7 Manoa	21,625	21,448	-0.8
8 McCully/Moilili	26,122	26,353	0.9
9 Waikiki	19,720	19,791	0.4
10 Makiki/Lower Punchbowl/Tantalus	29,713	30,375	2.2
11 Ala Moana/Kakaako	14,186	19,627	38.4
12 Nuuanu/Punchbowl	16,693	16,667	-0.2
13 Downtown	14,570	16,221	11.3
14 Liliha/Kapalama	20,310	20,153	-0.8
15 Kalihi-Palama	37,987	38,959	2.6
16 Kalihi Valley	17,937	17,741	-1.1
17 Moanalua	10,566	10,410	-1.5
18 Aliamanu/Salt Lake/Foster Village	36,572	35,944	-1.7
19 Airport Area	21,246	20,956	-1.4
20 Aiea	29,320	29,568	0.8
21 Pearl City	49,345	48,679	-1.3
22 Waipahu	59,284	61,576	3.9
23 Ewa	43,794	55,991	27.9
24 Waianae Coast	41,242	42,569	3.2
25 Mililani/Waipio/Melemanu	36,805	38,099	3.5
26 Wahiawa	38,929	39,157	0.6
27 North Shore	18,380	18,148	-1.3
28 Koolauloa	14,546	14,500	-0.3
29 Kahaluu	14,391	14,296	-0.7
30 Kaneohe	34,829	34,450	-1.1
31 Kailua	45,718	44,760	-2.1
32 Waimanalo	11,234	11,494	2.3
33 Mokapu	11,827	11,629	-1.7
34 Makakilo/Kapolei/Honokai Hale	25,919	33,659	29.9
35 Mililani Mauka-Launani Valley	10,622	16,467	55.0

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

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

3/ Estimated population based on traffic zone data.

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

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

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

Continued on next page.

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

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

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

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

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

# 2000 CENSUS TRACTS ISLAND OF OAHU



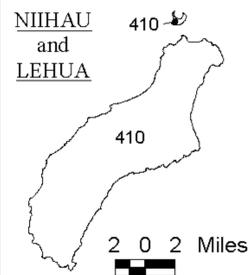
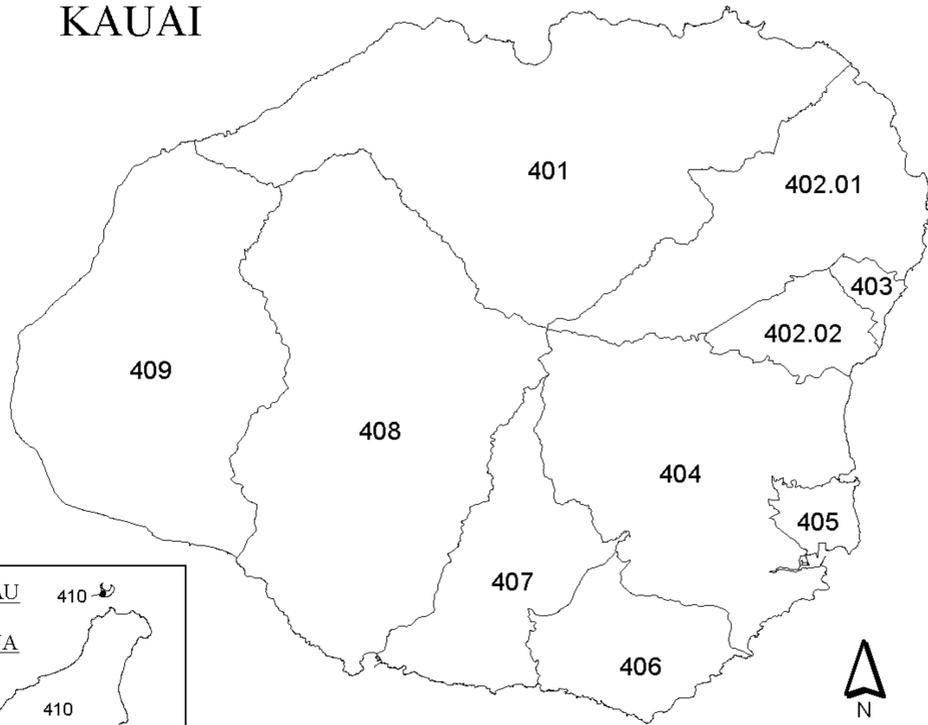
WAHIAWA - SCHOFIELD BARRACKS INSET

SEE  
HONOLULU & VICINITY MAP

3 0 3 Miles

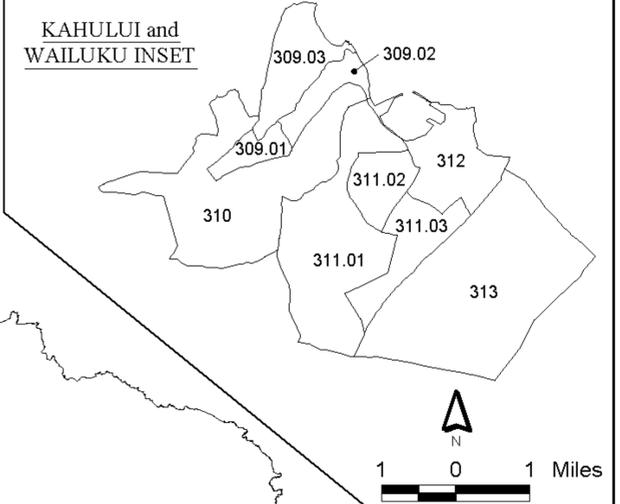
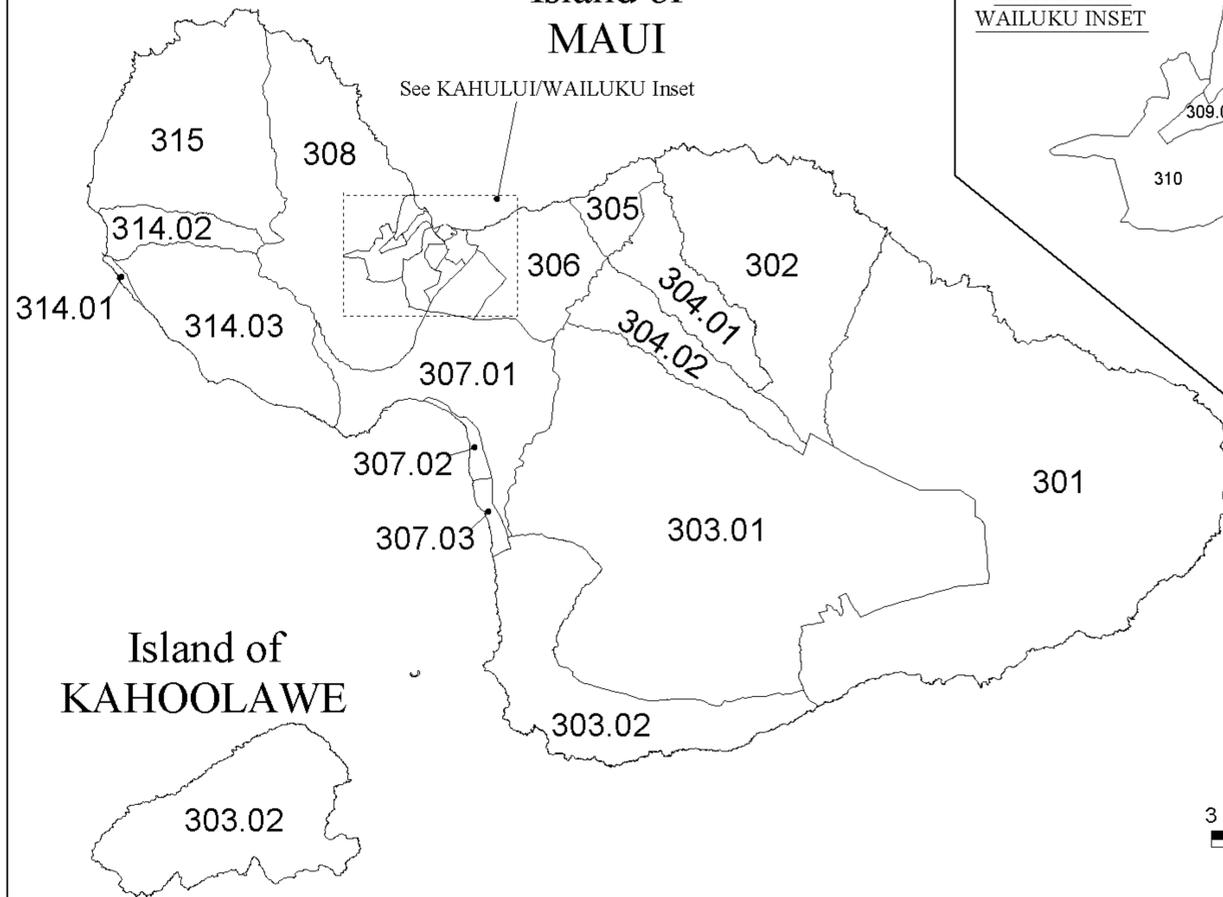


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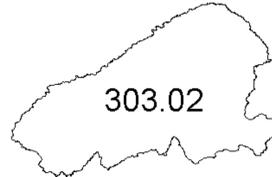


Note: Census Tract 411 includes the island of Kaula (not shown).

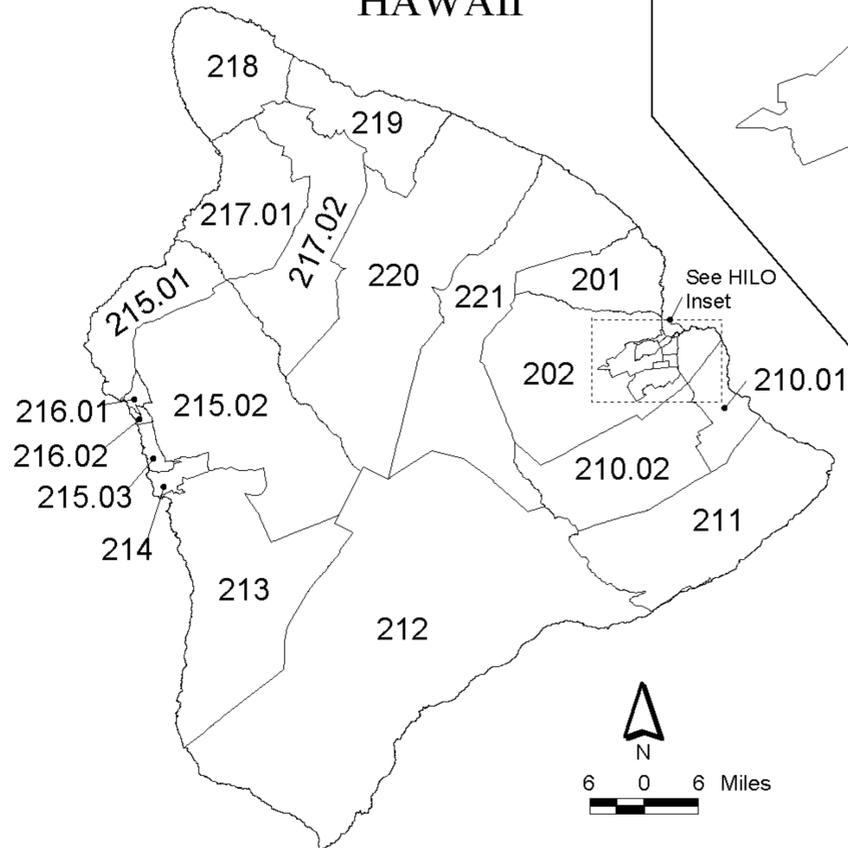
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MAUI**



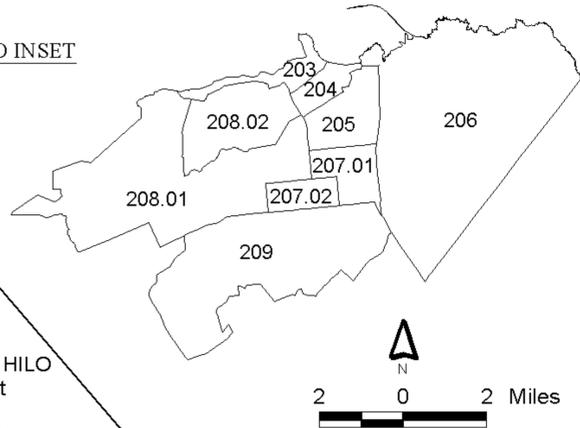
**Island of  
KAHOOLAWE**



**Island of  
HAWAII**

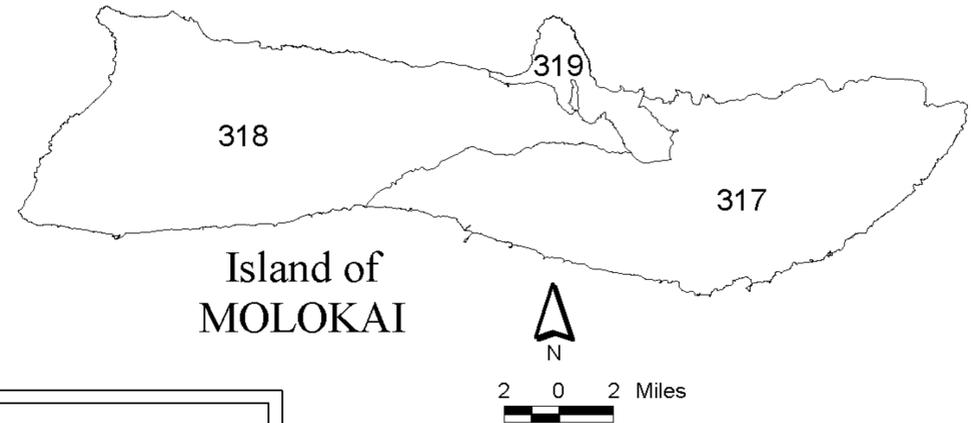


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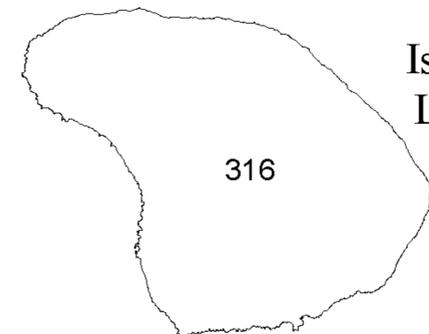


See HILO Inset

**Island of  
MOLOKAI**



**Island of  
LANAI**



**2000  
CENSUS TRACTS**

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

2001

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

County, district, and 1990 census tract	2000 census tract (see maps)	2000 Name	1990	2000
C & C OF HONOLULU			836,231	876,156
Honolulu			377,059	1/ 372,279
1.02	1.02	Portlock Road	1,674	1,637
	1.04 2/	Lunalilo Park Subdivision		2,171
	1.09 3/	Kamiloiki-Kamehame		2,639
1.04			8,376	
	1.10 3/	Kalama Valley		3,732
1.05	1.05	Koko Head	5,251	4,659
1.06	1.06	Hahaione	6,292	6,752
1.07	1.07	Kamilonui	3,009	3,017
1.08	1.08	Hawaii Kai Marina	2,830	3,050
2	2	Kuliouou	5,742	5,714
	3.01 3/	Aina Haina-Hawaii Loa Ridge		3,181
3.98			5,617	
	3.02 3/	Wailupe		2,960
4.97	4.01 3/	Kalani	2,771	2,681
4.98	4.02 3/	Waialae-Iki	3,372	3,825
5	5	Waialae-Kahala	3,744	3,661
6	6	Diamond Head	1,311	1,378
7	7	22nd Avenue	2,993	2,829
8	8	Ocean View	3,856	3,666
9.01	9.01	Waialae Nui	2,334	2,203
9.02	9.02	Maunalani Heights	3,779	3,851
9.03	9.03	Lower Wilhelmina Rise	2,760	2,907
10	10	Upper Palolo	3,194	3,083
11	11	Central Palolo	4,072	3,727
12.01	12.01	Keanu Street	3,118	3,837
12.02	12.02	Paalea Street	3,081	3,080
13	13	Kaimuki	4,488	4,073
14	14	Kapaolono Field	2,595	2,570
15	15	Upper Kapahulu	3,664	3,471
16	16	Lower Kapahulu	3,911	3,564
17	17	Kapiolani Park	2,536	2,045
18.01	18.01	Koa Avenue	1,307	1,246
18.02	18.02	Jefferson School	4,411	4,731
19.01	19.01	Waikiki Beach	1,190	753

Continued on next page.

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

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

Continued on next page.

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

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

Continued on next page.

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

County, district, and 1990 census tract	2000 census tract (see maps)	2000 Name	1990	2000
Ewa			230,189	3/ 272,328
73	} 73 3/	Hickam	6,689	} 5,687
73.99			53	
74	} 74 3/	Pearl Harbor	3,633	} 2,177
74.99			4,331	
75.02	75.02 3/	Red Hill	1,236	1,821
75.03	75.03	Halawa Heights	4,952	4,916
75.04	75.04	Aloha Stadium	3,080	3,083
75.05	75.05	Foster Village	5,189	5,473
75.06	75.06	Red Hill (Navy) Housing	1,367	1,327
77.01	77.01	Lower Aiea	4,206	4,132
77.02	77.02	Upper Aiea	4,689	4,887
78.02	78.02	Ewa Forest Reserve	-	-
78.04	78.04	Hoohulu Street	2,034	2,068
78.05	78.05	Waiau Townhouses	5,300	4,966
78.06	78.06	Kaonohi	5,441	5,159
78.07	78.07	Pearl Ridge High Rise	5,759	5,315
78.08	78.08	Pearl Ridge Center	2,960	3,096
78.03	} 78.09 3/	Newtown	9,136	} 3,873
80.01	80.01	Hale Mohalu	1,610	1,829
80.02	80.02	Kula Drive	2,914	2,732
80.03	80.03	Kuokoa Street	5,055	4,439
80.05	80.05	Pacific Palisades	7,313	6,847
80.06	80.06	Pearl City	5,383	4,981
80.07	80.07	Pearl City Uplands	5,904	5,389
81	81	Pearl City Pen-Ford Island	2,384	4,210
82	82	Waipio Peninsula	-	-
83.01	83.01	Iroquois Point	5,786	3,856
83.02	83.02	Puuloa	6,699	6,563
84	} 84.01 3/	Ewa Gentry-East	9,677	} 3,300
	84.03 3/	Ocean Pointe		2,249
	84.04 3/	Ewa Gentry-West		8,690
85	} 85 5/	Barbers Point	4,529	} 1,311
86.98 4/			(NA)	
86.99			23	

Continued on next page.

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

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

Continued on next page.

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

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

Continued on next page.

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

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

NA Not available.

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

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

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

4/ Includes only part of the census tract.

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

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

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

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

Continued on next page.

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

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

Continued on next page.

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

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

Continued on next page.

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

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

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

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

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

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

Continued on next page.

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

Island and Hawaiian Home Land	Popu- lation total	Native Hawaiian		Island and Hawaiian Home Land	Popu- lation total	Native Hawaiian	
		Race alone 1/	Race alone or in combina- tion 2/			Race alone 1/	Race alone or in combina- tion 2/
Oahu	13,287	6,408	11,324	Oahu (con.): Waimanalo	3,028	1,590	2,544
Auwaiolimu- Kalawahine- Kalawahine- Kewalo- Papakolea	1,575	876	1,343	Kauai Anahola- Kamalomalo	2,028 1,735	995 871	1,560 1,336
Kapalama	-	-	-	Hanapepe	54	19	35
Kapolei	-	-	-	Kapaa	4	-	-
Lualualei	1,826	773	1,485	Kekaha	225	104	184
Moiiliili	-	-	-	Moloaa	-	-	-
Nanakuli	5,099	2,382	4,429	Wailua	10	1	5
Shafter Flats	-	-	-	Waimea	-	-	-
Waianae	1,759	787	1,523				

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

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

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

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

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

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

Continued on next page.

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

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

NA Not available.

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

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

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

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

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

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

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

NA Not available.

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

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

3/ Annual averages. Estimated.

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

5/ Includes armed forces.

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

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

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

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

1/ Maui County includes Kalawao County.

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

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

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

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

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

1/ Maui County includes Kalawao County.

Source: Hawaii State Department of Business, Economic Development & Tourism, estimated from block group data in U.S. Bureau of Census, 1990 STF-1A and the Office of Planning, 2000 approximate location; U.S. Census Bureau, Commerce News "2000 U.S. Population Centered in Phelps County, Mo." , CB01-CN.66, (April 2, 2001) <[http://www.census.gov/Press-Release/www/releases/archives/census\\_2000/000717.html](http://www.census.gov/Press-Release/www/releases/archives/census_2000/000717.html)> accessed July 18, 2001 and "County Population Centroids for Hawaii" <<http://www.census.gov/geo/www/cenpop/county/coucntr15.html>> accessed Nov. 11, 2003.

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

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

NA Not available.

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

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

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

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

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

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

X Not applicable.

1/ Less than 0.05 percent.

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

3/ For persons 5 years and over in 1990.

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

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

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

**Table 1.26-- MILITARY PERSONNEL, DEPENDENTS, AND FAMILIES, BY SERVICE AND ISLAND: JULY 1, 2008**

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

Service and island	Personnel and dependents	Military personnel				Dependents in Hawaii	Military families
		Total	Living ashore		Living aboard ship		
			In hsg. units	In barracks			
State total	110,713	49,405	(NA)	(NA)	7,898	61,308	(NA)
Air Force	1/ 10,908	4,719	(NA)	(NA)	-	1/ 6,189	(NA)
Oahu	(NA)	(NA)	(NA)	(NA)	-	(NA)	(NA)
Hawaii	(NA)	(NA)	(NA)	(NA)	-	(NA)	(NA)
Maui	(NA)	(NA)	(NA)	(NA)	-	(NA)	(NA)
Army	51,518	22,075	18,539	3,536	-	29,443	18,430
Oahu	51,515	22,073	18,537	3,536	-	29,442	18,429
Hawaii	3	2	2	-	-	1	1
Coast Guard	2/ 3,374	2/ 1,487	1,357	2/ 60	2/ 70	1,887	(NA)
Oahu	2/ 3,207	2/ 1,404	1,274	2/ 60	2/ 70	1,803	(NA)
Hawaii	51	25	25	-	-	26	(NA)
Maui	55	27	27	-	-	28	(NA)
Kauai	61	31	31	-	-	30	(NA)
Marine Corps	14,448	7,871	3,888	3,983	-	6,577	3,585
Oahu	14,448	7,871	3,888	3,983	-	6,577	3,585
Navy 3/	30,465	13,253	3,382	2,519	7,828	17,212	7,539
Oahu	(NA)	(NA)	3,338	2,506	7,828	17,212	7,539
Kauai	(NA)	(NA)	44	13	-	-	-

NA Not available.

1/ Dependent figure as of September 30.

2/ Estimated.

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

Source: Hawaii State Department of Business, Economic Development & Tourism, annual survey of local commanding officers; and U.S. Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, *Active Duty Military Personnel Strengths by Regional Area and by Country (309A) June 30, 2008* <<http://siadapp.dmdc.osd.mil/personnel/MILITARY/history/hst0806.pdf>> accessed June 16, 2009; U.S. Air Force, "Economic Impact Statement Hickam AFB FY08 Hawaii" <<http://www2.hickam.af.mil/shared/media/document/AFD-090319-059.ppt>> accessed June 16, 2009; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 1.27-- MILITARY PERSONNEL BY  
ACCOMPANIMENT STATUS: 2006 TO 2008**

[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>
2006 total	49,457	27,551	1,084	20,600
Air Force	5,165	3,083	392	1,690
Army	20,831	11,676	441	8,714
Coast Guard	1,236	720	30	486
Marine Corps	8,970	4,652	221	4,097
Navy	13,255	7,420	-	5,613
2007 total	51,002	27,801	1,114	21,868
Air Force 4/	5,165	3,083	392	1,690
Army	21,994	12,343	465	9,186
Coast Guard	1,236	720	30	486
Marine Corps	9,776	4,515	227	5,034
Navy	12,831	7,140	-	5,472
2008 total	51,073	27,927	956	21,958
Air Force	4,817	2,829	173	1,815
Army	23,083	12,930	534	9,619
Coast Guard	1,157	717	12	428
Marine Corps	10,004	4,797	237	4,970
Navy	12,012	6,654	-	5,126

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

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

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

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

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

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

[As of July 1. Revised DBEDT 2035 Series as of July 2009]

Type of population and year	State total	City and County of Honolulu	Other counties			
			Total	Hawaii	Kauai	Maui 1/
Resident population 2/ 2005 3/	1,264,468	899,673	364,795	164,462	61,589	138,744
2010	1,299,567	911,833	387,733	176,714	64,567	146,452
2015	1,367,795	941,824	425,971	199,488	68,440	158,043
2020	1,432,538	969,462	463,076	221,862	72,148	169,066
2025	1,492,253	994,610	497,644	242,642	75,598	179,404
2030	1,547,460	1,017,565	529,894	261,758	78,837	189,300
2035	1,598,675	1,038,316	560,359	279,706	81,925	198,727
Annual growth rate (%)						
2005-2010 3/	0.5	0.3	1.2	1.4	0.9	1.1
2010-2015	1.0	0.6	1.9	2.5	1.2	1.5
2015-2020	0.9	0.6	1.7	2.1	1.1	1.4
2020-2025	0.8	0.5	1.5	1.8	0.9	1.2
2025-2030	0.7	0.5	1.3	1.5	0.8	1.1
2030-2035	0.7	0.4	1.1	1.3	0.8	1.0
Share of state resident population (percent):						
2005 3/	100.0	71.2	28.8	13.0	4.9	11.0
2010	100.0	70.2	29.8	13.6	5.0	11.3
2015	100.0	68.9	31.1	14.6	5.0	11.6
2020	100.0	67.7	32.3	15.5	5.0	11.8
2025	100.0	66.7	33.3	16.3	5.1	12.0
2030	100.0	65.8	34.2	16.9	5.1	12.2
2035	100.0	64.9	35.1	17.5	5.1	12.4

1/ Maui County including Kalawao County.

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

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

Source: Hawaii State Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2035 - DBEDT 2035 Series*, Tables A-1 to A-6 (July 2009). Report is forthcoming.

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

[As of July 1. Revised DBEDT 2035 Series as of July 2009. Figures by age group may not add up to totals due to rounding]

Age group (in years)	2005 1/			2015			2025			2035		
	Both sexes	Male	Female									
Total	1,264,468	637,264	627,204	1,367,795	697,747	670,048	1,492,253	764,825	727,428	1,598,675	821,367	777,308
Under 5	84,183	43,578	40,605	90,684	49,315	41,369	91,512	48,869	42,643	95,624	51,470	44,155
5 to 9	74,366	38,330	36,036	87,601	46,648	40,953	91,592	49,470	42,122	92,714	49,590	43,124
10 to 14	81,440	42,175	39,265	74,559	38,931	35,628	87,406	47,704	39,702	87,848	47,066	40,781
15 to 19	81,043	42,461	38,582	68,940	36,420	32,520	85,356	46,213	39,144	89,047	48,885	40,162
20 to 24	94,286	52,830	41,456	97,297	53,599	43,697	92,039	51,049	40,990	104,532	59,636	44,896
25 to 29	89,999	48,636	41,363	94,814	50,932	43,882	86,956	45,528	41,428	102,792	55,018	47,774
30 to 34	86,377	44,760	41,617	95,826	52,316	43,510	99,918	51,690	48,229	94,150	48,904	45,247
35 to 39	87,962	45,161	42,801	87,647	47,011	40,636	96,208	50,975	45,233	88,018	45,440	42,578
40 to 44	91,584	45,830	45,754	83,882	43,973	39,909	94,287	51,052	43,235	98,121	50,334	47,786
45 to 49	92,832	45,597	47,235	82,481	42,080	40,401	83,768	44,228	39,540	92,121	48,098	44,024
50 to 54	88,382	43,865	44,517	86,492	42,627	43,865	81,604	42,575	39,029	91,800	49,515	42,285
55 to 59	78,972	39,490	39,482	93,640	45,834	47,807	85,932	43,634	42,297	87,322	45,818	41,504
60 to 64	58,128	28,515	29,613	86,406	42,495	43,912	89,855	43,868	45,987	85,518	44,048	41,469
65 to 69	44,138	20,796	23,342	74,788	36,696	38,092	92,190	44,372	47,819	85,727	42,821	42,906
70 to 74	39,802	17,544	22,258	53,834	25,434	28,400	81,905	39,040	42,864	86,049	40,850	45,199
75 to 79	37,413	15,874	21,539	37,794	16,914	20,880	64,784	30,318	34,466	80,929	37,297	43,632
80 to 84	28,868	12,317	16,551	30,056	12,045	18,011	41,572	18,235	23,337	64,810	28,871	35,939
85 & over	24,693	9,505	15,188	41,054	14,476	26,578	45,368	16,005	29,363	71,553	27,707	43,846

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

Source: Hawaii State Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2035 - DBEDT 2035 Series* (July 2009). Report is forthcoming.

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

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

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

**Table 1.31-- RESIDENT POPULATION, BY AGE AND SEX:  
2000 AND 2008**

[Includes military personnel stationed or homeported in Hawaii and residents temporarily absent; excludes visitors present. The 2008 estimates are provisional]

Age group	April 1, 2000 1/			July 1, 2008		
	Both sexes	Male	Female	Both sexes	Male	Female
Total	1,211,538	608,670	602,868	1,288,198	649,519	638,679
Under 5 years	78,164	40,110	38,054	87,207	45,312	41,895
5 to 9 years	84,980	43,739	41,241	75,483	39,363	36,120
10 to 14 years	83,107	42,740	40,367	74,242	38,251	35,991
15 to 19 years	81,002	42,200	38,802	81,358	42,727	38,631
20 to 24 years	83,409	45,709	37,700	91,787	50,655	41,132
25 to 29 years	84,001	44,016	39,985	97,066	52,954	44,112
30 to 34 years	87,157	44,390	42,767	84,962	44,974	39,988
35 to 39 years	95,935	48,760	47,175	88,313	45,650	42,663
40 to 44 years	95,242	47,817	47,425	85,896	43,564	42,332
45 to 49 years	90,404	45,130	45,274	90,452	44,491	45,961
50 to 54 years	80,575	40,523	40,052	89,359	43,959	45,400
55 to 59 years	60,561	29,905	30,656	83,139	41,261	41,878
60 to 64 years	46,400	22,293	24,107	68,867	34,117	34,750
65 to 69 years	42,847	19,503	23,344	49,312	23,549	25,763
70 to 74 years	42,415	18,919	23,496	40,373	18,296	22,077
75 to 79 years	35,386	16,020	19,366	37,065	15,403	21,662
80 to 84 years	22,389	9,626	12,763	31,636	12,997	18,639
85 and over	17,564	7,270	10,294	31,681	11,996	19,685
5 to 17	217,605	112,115	105,490	198,036	102,828	95,208
18 to 24	114,893	62,273	52,620	124,834	68,168	56,666
25 to 44	362,335	184,983	177,352	356,237	187,142	169,095
45 to 64	277,940	137,851	140,089	331,817	163,828	167,989
16 years and over	949,183	473,682	475,501	1,035,429	518,330	517,099
18 years and over	915,769	456,445	459,324	1,002,955	501,379	501,576
21 years and over	867,328	430,629	436,699	953,365	474,698	478,667
65 years and over	160,601	71,338	89,263	190,067	82,241	107,826
85 years and over	17,564	7,270	10,294	31,681	11,996	19,685
Median age	36.2	35.1	37.4	38.0	36.2	39.9

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

Source: U.S. Census Bureau, Population Division, "Table 2: Annual Estimates of the Resident Population by Sex and Age for Hawaii: April 1, 2000 to July 1, 2008" (SC-EST2008-02-15) (May 14, 2009) <<http://www.census.gov/popest/states/asrh/tables/SC-EST2008-02-15.xls>> accessed May 14, 2009 and "Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2008" (SC-EST2008-agesex-res) (May 14, 2009) <<http://www.census.gov/popest/datasets.html>> accessed May 14, 2009.

**Table 1.32-- POPULATION ESTIMATES BY AGE AND MILITARY STATUS:  
2000 AND 2008**

[Total includes military personnel stationed or homeported in Hawaii and residents temporarily absent; excludes visitors present. The 2008 estimates are provisional]

Age group	April 1, 2000 1/			July 1, 2008		
	Total	Military personnel	Civilian 2/	Total	Military personnel	Civilian 2/
Total	1,211,538	43,496	1,168,042	1,288,198	37,522	1,250,676
Under 5 years	78,164	-	78,164	87,207	-	87,207
5 to 9 years	84,980	-	84,980	75,483	-	75,483
10 to 14 years	83,107	-	83,107	74,242	-	74,242
15 to 19 years	81,002	2,499	78,503	81,358	1,243	80,115
20 to 24 years	83,409	13,838	69,571	91,787	10,940	80,847
25 to 29 years	84,001	9,745	74,256	97,066	9,432	87,634
30 to 34 years	87,157	6,729	80,428	84,962	5,826	79,136
35 to 39 years	95,935	6,289	89,646	88,313	5,026	83,287
40 to 44 years	95,242	2,931	92,311	85,896	3,145	82,751
45 to 49 years	90,404	1,089	89,315	90,452	1,356	89,096
50 to 54 years	80,575	317	80,258	89,359	441	88,918
55 to 59 years	60,561	52	60,509	83,139	96	83,043
60 to 64 years	46,400	7	46,393	68,867	17	68,850
65 to 69 years	42,847	-	42,847	49,312	-	49,312
70 to 74 years	42,415	-	42,415	40,373	-	40,373
75 to 79 years	35,386	-	35,386	37,065	-	37,065
80 to 84 years	22,389	-	22,389	31,636	-	31,636
85 and over	17,564	-	17,564	31,681	-	31,681
5 to 17	217,605	11	217,594	198,036	5	198,031
18 to 24	114,893	16,326	98,567	124,834	12,178	112,656
25 to 44	362,335	25,694	336,641	356,237	23,429	332,808
45 to 64	277,940	1,465	276,475	331,817	1,910	329,907
16 years and over	949,183	43,496	905,687	1,035,429	37,522	997,907
18 years and over	915,769	43,485	872,284	1,002,955	37,517	965,438
21 years and over	867,328	38,207	829,121	953,365	34,700	918,665
65 years and over	160,601	-	160,601	190,067	-	190,067
85 years and over	17,564	-	17,564	31,681	-	31,681
Median age	36.2	27.6	37.0	38.0	28.2	38.6

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

2/ Includes military dependents.

Source: U.S. Census Bureau, Population Division, "Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2008" (SC-EST2008-agesex\_res) (May 14, 2009); "Annual Estimates of the Civilian Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2008" (SC-EST2008-agesex-civ) (May 14, 2009) <<http://www.census.gov/popest/datasets.html>> accessed May 14, 2009; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

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

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

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

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

**Table 1.34-- RESIDENT POPULATION BY SELECTED AGE GROUPS,  
BY COUNTY: 2008**

[As of July 1. Includes military personnel stationed or homeported in Hawaii and residents temporarily absent; excludes visitors present. The 2008 estimates are provisional]

Age group	State total	City and County of Honolulu	Other counties		
			Hawaii	Kauai	Maui 1/
Total persons	1,288,198	905,034	175,784	63,689	143,691
Under 5	87,207	61,903	11,764	3,974	9,566
5 to 13	134,025	93,532	18,361	6,687	15,445
14 to 17	64,011	43,833	9,348	3,513	7,317
18 to 24	124,834	92,099	16,518	5,123	11,094
16 years and over	1,035,429	727,936	141,117	51,346	115,030
18 years and over	1,002,955	705,766	136,311	49,515	111,363
15 to 44	529,382	373,465	71,605	24,678	59,634
25 to 44	356,237	248,410	47,963	16,865	42,999
45 to 64	331,817	226,327	47,591	18,057	39,842
65 years and over	190,067	138,930	24,239	9,470	17,428
85 years and over	31,681	23,476	3,754	1,697	2,754
Under 18 years	285,243	199,268	39,473	14,174	32,328
18 to 64 years 2/	812,888	566,836	112,072	40,045	93,935
65 years and over	190,067	138,930	24,239	9,470	17,428
Percent:					
Under 18 years	22.1	22.0	22.5	22.3	22.5
18 to 64 years	63.1	62.6	63.8	62.9	65.4
65 years and over	14.8	15.4	13.8	14.9	12.1
Dependency ratio 3/	58	60	57	59	53

1/ Maui County including Kalawao County.

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

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

Source: U.S. Census Bureau, Population Estimates Branch, "Annual Estimates of the Resident Population by Selected Age Groups and Sex for Counties in Hawaii: April 1, 2000 to July 1, 2008" (CC-EST2008-AGESEX-15) (May 14, 2009) <<http://www.census.gov/popest/datasets.html>> accessed May 14, 2009; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 1.35-- RESIDENT POPULATION BY AGE, BY COUNTY: 2008**

[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 2008 estimates are provisional]

Age group	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County 1/
Total	1,288,198	905,034	175,784	63,689	143,691
Under 5 years	87,207	61,903	11,764	3,974	9,566
5 to 9 years	75,483	53,057	10,206	3,638	8,582
10 to 14 years	74,242	51,352	10,379	3,872	8,639
15 to 19 years	81,358	57,047	11,628	4,153	8,530
20 to 24 years	91,787	68,008	12,014	3,660	8,105
25 to 29 years	97,066	64,233	16,163	4,979	11,691
30 to 34 years	84,962	59,692	11,212	3,802	10,256
35 to 39 years	88,313	63,131	10,476	3,995	10,711
40 to 44 years	85,896	61,354	10,112	4,089	10,341
45 to 49 years	90,452	62,664	12,006	4,582	11,200
50 to 54 years	89,359	60,507	12,940	4,971	10,941
55 to 59 years	83,139	55,564	12,705	4,835	10,035
60 to 64 years	68,867	47,592	9,940	3,669	7,666
65 to 69 years	49,312	34,917	6,594	2,603	5,198
70 to 74 years	40,373	29,357	5,324	1,897	3,795
75 to 79 years	37,065	27,546	4,648	1,775	3,096
80 to 84 years	31,636	23,634	3,919	1,498	2,585
85 years or more	31,681	23,476	3,754	1,697	2,754
5 to 19	231,083	161,456	32,213	11,663	25,751
20 to 24	91,787	68,008	12,014	3,660	8,105
25 to 44	356,237	248,410	47,963	16,865	42,999
45 to 64	331,817	226,327	47,591	18,057	39,842
65 years and over	190,067	138,930	24,239	9,470	17,428
85 years and over	31,681	23,476	3,754	1,697	2,754
Median age	38.0	38.0	37.2	39.7	38.4

1/ Maui County includes Kalawao County.

Source: U.S. Census Bureau, Population Division, "Annual County Resident Population Estimates by Age, Sex, Race, and Hispanic Origin: April 1, 2000 to July 1, 2008" (CC-EST2008-ALLDATA-15) (May 14, 2009) <<http://www.census.gov/popest/datasets.html>> accessed May 14, 2009; tabulations and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

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

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

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

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

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

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

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

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

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

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

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

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

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

**Table 1.38-- RANKING OF RACES: 2000**

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

1/ People who chose only one race.

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

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

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

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

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

X Not applicable.

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

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

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

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

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

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

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

X Not applicable.

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

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

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

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

**Table 1.41-- ETHNIC STOCK BY COUNTY: 2008**

[Excludes persons in institutions, military barracks, households without telephones, the homeless, and Ni`ihau. Sample survey consisted of 16,859 people. Data were provisionally weighted based on the Census 2000 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	1,257,607	880,308	172,004	62,669	142,626
Unmixed (except Hawaiian)	699,622	493,181	88,041	33,796	84,604
Caucasian	256,381	138,078	54,860	16,707	46,736
Black	7,380	6,842	195	144	199
Japanese	220,201	179,755	20,273	7,258	12,915
Chinese	47,767	44,706	1,688	405	968
Filipino	148,773	106,394	10,455	9,156	22,768
Korean	8,001	6,989	547	66	399
Samoan/Tongan	11,118	10,415	24	61	619
Mixed (except Hawaiian) 2/	252,147	185,796	31,991	11,674	22,685
Hawaiian/part Hawaiian	305,838	201,331	51,971	17,198	35,337

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

2/ Includes other ethnicities not listed, don't know, refused or missing (58,743). The figure shown is the weighted figure.

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

**Table 1.42-- HAWAIIANS LIVING IN HAWAII OR OTHER STATES:  
1990 AND 2000**

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

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

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

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

**Table 1.43-- ANCESTRY: 2000**

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

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

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

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

**Table 1.44-- PLACE OF BIRTH AND CITIZENSHIP: 1980 TO 2000**

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

NA Not available.

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

**Table 1.45-- LANGUAGE SPOKEN AT HOME BY PERSONS FIVE YEARS OLD AND OVER, BY AGE: 2000**

[Persons 5 years old and over]

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

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

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

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

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

**Table 1.46-- LANGUAGE SPOKEN AT HOME BY PERSONS FIVE YEARS OLD AND OVER, BY ABILITY TO SPEAK ENGLISH, BY COUNTY: 2000**

[Persons 5 years old and over]

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

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

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

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

**Table 1.47-- LANGUAGE SPOKEN AT HOME, BY OCCUPATION: 2000**

[Persons 18 years old and over]

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

Continued on next page.

**Table 1.47-- LANGUAGE SPOKEN AT HOME, BY OCCUPATION: 2000 -- Con.**

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

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

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

**Table 1.48-- HOUSEHOLD TYPE AND RELATIONSHIP: 2000**

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

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

**Table 1.49-- HOUSEHOLDS, FAMILIES, AND GROUP QUARTERS:  
1950 TO 2000**

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

NA Not available.

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

**Table 1.50-- HOUSEHOLDS AND HOUSEHOLD POPULATIONS:  
2000 TO 2007**

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

Date	Households	Population in households	Average household size
2000	386,824	1,175,755	3.04
2001	411,647	1,188,615	2.89
2002	415,479	1,208,537	2.91
2003	419,441	1,221,885	2.91
2004	427,673	1,227,008	2.87
2005	430,007	1,238,158	2.88
2006	432,632	1,247,951	2.88
2007	439,685	1,247,553	2.84

Source: U.S. Census Bureau, American Community Survey Office, American Community Survey "American Community Survey Multi-Year Profile 2004, General Demographic Characteristics 2004" <[http://factfinder.census.gov/servlet/MYPTable?\\_bm=y&-context=myp&-ds\\_name=ACS\\_2004\\_EST\\_G00\\_&-tree\\_id=304&-all\\_geo\\_types=N&-\\_caller=geoselect&-geo\\_id=04000US15&-format=&-\\_lang=en](http://factfinder.census.gov/servlet/MYPTable?_bm=y&-context=myp&-ds_name=ACS_2004_EST_G00_&-tree_id=304&-all_geo_types=N&-_caller=geoselect&-geo_id=04000US15&-format=&-_lang=en)> accessed June 19, 2006; "Hawaii - General Demographic Characteristics: 2005" <[http://factfinder.census.gov/servlet/ADPTable?\\_bm=y&-geo\\_id=04000US15&-context=adp&-ds\\_name=ACS\\_2005\\_EST\\_G00\\_&-tree\\_id=305&-\\_lang=en&-\\_caller=geoselect&-format=>](http://factfinder.census.gov/servlet/ADPTable?_bm=y&-geo_id=04000US15&-context=adp&-ds_name=ACS_2005_EST_G00_&-tree_id=305&-_lang=en&-_caller=geoselect&-format=>) accessed September 15, 2006; "Hawaii - Selected Social Characteristics in the United States: 2006" <[http://factfinder.census.gov/servlet/ADPTable?\\_bm=y&-geo\\_id=04000US15&-qr\\_name=ACS\\_2006\\_EST\\_G00\\_DP2&-context=adp&-ds\\_name=&-tree\\_id=306&-\\_lang=en&-redoLog=false&-format=>](http://factfinder.census.gov/servlet/ADPTable?_bm=y&-geo_id=04000US15&-qr_name=ACS_2006_EST_G00_DP2&-context=adp&-ds_name=&-tree_id=306&-_lang=en&-redoLog=false&-format=>) accessed December 10, 2007; and "2006 Data Users Handbook The American Community Survey", p. 1, <<http://www.census.gov/acs/www/Downloads/Handbook2006.pdf>> accessed May 21, 2008; and "Hawaii - Selected Social Characteristics in the United States: 2007" <[http://factfinder.census.gov/servlet/MYPTable?\\_bm=y&-geo\\_id=04000US15&-context=myp&-ds\\_name=ACS\\_2007\\_1YR\\_G00\\_&-tree\\_id=307&-\\_lang=en&-\\_caller=geoselect&->](http://factfinder.census.gov/servlet/MYPTable?_bm=y&-geo_id=04000US15&-context=myp&-ds_name=ACS_2007_1YR_G00_&-tree_id=307&-_lang=en&-_caller=geoselect&->) accessed October 28, 2008.

**Table 1.51-- HOUSING UNITS, HOUSEHOLDS BY AGE, AND  
PERSONS PER HOUSEHOLD: 1990 AND 2000**

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

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

Source: U.S. Bureau of the Census, "Estimates of Housing Units, Households, Households by Age of Householder, and Persons per Household of States: Annual Time Series, July 1, 1991 to July 1, 1998 (includes revised April 1 census housing and population counts)", ST-98-51 (December 8, 1999) <<http://www.census.gov/population/estimates/housing/stuhhh6.txt>>; U.S. Census Bureau, Summary File 1 Hawaii (July 25, 2001).

**Table 1.52-- HOUSEHOLDS, POPULATION IN HOUSEHOLDS, AND  
POPULATION PER HOUSEHOLD, BY ISLAND: 1990 AND 2000**

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

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

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

**Table 1.53-- POPULATION IN GROUP QUARTERS, BY TYPE OF GROUP QUARTER, BY COUNTY: 2000**

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

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

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

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

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

**Table 1.54 -- MARRIED COUPLES, UNMARRIED COUPLES, AND  
SUBFAMILIES: 1970 TO 2000**

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

NA Not available.

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

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

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

**Table 1.55-- MARITAL STATUS, BY SEX: 1990 AND 2000**

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

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

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

**Table 1.56--SINGLE, WIDOWED, OR DIVORCED PERSONS, BY SEX:  
1970 TO 2000**

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

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

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

**Table 1.57-- COMPONENTS OF CHANGE IN THE RESIDENT POPULATION,  
BY MILITARY STATUS: 2000 TO 2007**

[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	65,819	-4,141	17,156	52,804	7,283	100.0
Natural increase	66,551	-256	20,719	46,088	6,357	87.3
Live births	130,245	(X)	21,121	109,124	15,052	(X)
Deaths	63,694	256	402	63,036	8,695	(X)
Net mil. separations 2/	} -732	-3,885	-3,563	6,716	926	12.7
Net migration 3/						

X Not applicable.

1/ April 1, 2000 to June 30, 2007.

2/ Separations less inductions for armed forces.

3/ Includes error of closure.

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

**Table 1.58-- COMPONENTS OF CHANGE IN THE RESIDENT POPULATION,  
BY COUNTY: 1990 TO 2000**

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

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

1/ Maui County including Kalawao County.

2/ Residual based on net change less natural increase.

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

**Table 1.59-- COMPONENTS OF CHANGE IN THE RESIDENT POPULATION,  
BY COUNTY: 2000 TO 2008**

<b>Component</b>	<b>State total</b>	<b>Honolulu</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui 1/</b>
Resident population:					
April 1, 2000 (estimates base) 2/	1,211,538	876,158	148,676	58,463	128,241
July 1, 2008 (estimate)	1,288,198	905,034	175,784	63,689	143,691
Net change 3/	76,660	28,876	27,108	5,226	15,450
Resident births	149,871	108,778	18,501	6,623	15,969
Resident deaths	73,124	51,729	10,392	3,673	7,330
Foreign migrants (net) 4/	31,317	23,295	3,064	972	3,986
Internal migrants (net) 5/	-26,282	-47,881	16,526	1,585	3,488

1/ Maui County including Kalawao County.

2/ The April 1, 2000 estimates base reflects changes to the Census 2000 population resulting from legal boundary updates as of January 1 of the estimates year, other geographic program changes, and Count Question Resolution actions. All geographic boundaries for the 2008 population estimates series are defined as of January 1, 2008.

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

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

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

Source: U.S. Census Bureau, Population Division "Table 2: Cumulative Estimates of Resident Population Change for Counties of Hawaii and County Rankings: April 1, 2000 to July 1, 2008" (CO-EST2008-02-15) (March 19, 2009) <<http://www.census.gov/popest/counties/tables/CO-EST2008-02-15.xls>> and "Table 4: Cumulative Estimates of the Components of Resident Population Change for Counties of Hawaii: April 1, 2000 to July 1, 2008" (CO-EST2008-04-15) (March 19, 2009) <<http://www.census.gov/popest/counties/tables/CO-EST2008-04-15.xls>> accessed March 19, 2009.

**Table 1.60-- INTENDED RESIDENTS ARRIVING IN HAWAII, DOMESTIC  
AND INTERNATIONAL: 1997 TO 2008**

<b>Year</b>	<b>Total</b>	<b>Domestic</b>	<b>International</b>
1997	39,887	33,020	6,867
1998	34,008	28,550	5,458
1999	32,133	27,841	4,292
2000	37,757	31,710	6,047
2001	38,220	31,938	6,282
2002	49,494	44,016	5,478
2003	43,189	38,290	4,899
2004	47,472	41,067	6,405
2005	51,006	44,526	6,480
2006	54,441	46,942	7,499
2007	56,583	49,347	7,236
2008	52,679	46,107	6,572

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

<<http://www.dhs.gov/ximgtn/statistics/publications/yearbook.shtm>> accessed June 16, 2009.

**Table 1.61-- LEGAL PERMANENT RESIDENTS, BY COUNTRY OF BIRTH:  
2004 TO 2008**

[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	2004	2005	2006	2007	2008
All countries	6,347	6,480	7,501	7,236	6,572
Canada	94	127	147	103	102
Hong Kong	60	66	48	53	82
Japan	456	559	742	523	465
Korea	192	280	361	298	266
Mexico	29	45	79	71	91
People's Republic of China	641	625	815	718	795
Philippines	4,015	3,447	3,723	4,109	3,513
Samoa 1/	22	36	71	81	39
Taiwan	37	69	86	76	65
Thailand	36	99	124	104	79
Tonga 1/	32	37	77	104	67
Vietnam	212	207	220	181	210
Other countries	1/ 521	1/ 883	1/ 1,008	2/ 815	2/ 798

1/ Revised from previous *Data Book*. Samoa and Tonga became separate categories and, therefore, their numbers were taken out of the "Other countries" subtotal.

2/ Includes 56 from Brazil in 2007 and 78 from Brazil in 2008.

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/ximgtn/statistics/publications/yearbook.shtm>> accessed June 16, 2009.

**Table 1.62-- PERSONS NATURALIZED, BY COUNTRY OF FORMER ALLEGIANCE: 1998 TO 2008**

[Fiscal year ending September 30]

Year	All countries	China and Taiwan 1/	Japan	Korea	Philippines	Vietnam	Other countries 2/
1998	4,493	(NA)	(NA)	362	2,083	419	1,330
1999	3,600	448	(NA)	332	1,542	304	974
2000	4,372	507	(NA)	431	1,813	346	1,275
2001	2,885	269	(NA)	296	1,280	161	879
2002	2,884	299	121	309	1,265	124	766
2003	2,287	183	132	243	943	75	711
2004	2,050	158	112	220	825	83	652
2005	4,663	534	313	563	1,893	235	1,125
2006	5,276	488	250	502	2,140	195	1,701
2007	4,521	420	209	492	2,061	207	1,132
2008	5,205	418	234	354	2,766	204	1,229

NA Not available.

1/ In 1998, the People's Republic of China figure was 299 and Taiwan figures were not available; in 1999, the People's Republic of China figure was 395 and the Taiwan figure was 53; in 2000, the People's Republic of China figure was 415 and the Taiwan figure was 92; in 2001, the People's Republic of China figure was 196 and the Taiwan figures was 73; in 2002, the People's Republic of China figure was 235 and the Taiwan figure was 64; in 2003, the People's Republic of China figure was 157 and the Taiwan figure was 26; and in 2004, the People's Republic of China figure was 132 and the Taiwan figure was 26; in 2005, the People's Republic of China figure was 448 and the Taiwan figure was 86; in 2006, the People's Republic of China figure was 408 and the Taiwan figure was 80; in 2007, the People's Republic of China figure was 370 and the Taiwan figure was 50; and in 2008, the People's Republic of China figure was 348 and the Taiwan figure was 70.

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

Source: U.S. Immigration and Naturalization Service, Office of Policy and Planning, *Statistical Yearbook of the Immigration and Naturalization Service* (annual) and U.S. Department of Homeland Security, Office of Immigration Statistics, *Yearbook of Immigration Statistics* (annual) data tables including supplemental tables <<http://www.dhs.gov/ximgt/statistics/publications/yearbook.shtm>> accessed June 16, 2009.

**Table 1.63-- MIGRATION SUMMARY, BY COUNTY: 1995 TO 2000**

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

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

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

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

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

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

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

**Table 1.64-- MIGRATION SUMMARY, BY AGE: 1995 TO 2000**

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

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

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

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

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

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

**Table 1.65-- DOMESTIC INMIGRATION: 1995 to 2000**

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

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

Source: U. S. Census Bureau, Census 2000 PHC-T-22 "Migration for the Population 5 Years and Over for the United States, Regions, States, Counties, New England Minor Civil Divisions, Metropolitan Areas, and Puerto Rico: 2000", Table 3. "State of Residence in 2000 for the Population 5 Years and Over by State of Residence in 1995" (August 6, 2003)  
 <<http://www.census.gov/population/www/cen2000/phc-t22.html>> accessed August 6, 2003.

**Table 1.66-- DOMESTIC OUTMIGRATION: 1995 to 2000**

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

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

Source: U. S. Census Bureau, Census 2000 PHC-T-22 "Migration for the Population 5 Years and Over for the United States, Regions, States, Counties, New England Minor Civil Divisions, Metropolitan Areas, and Puerto Rico: 2000", Table 3 "State of Residence in 2000 for the Population 5 Years and Over by State of Residence in 1995" (August 6, 2003)  
<<http://www.census.gov/population/www/cen2000/phc-t22.html>> accessed August 6, 2003.

**Table 1.67-- SELECTED GENERAL CHARACTERISTICS OF  
MIGRANTS AND NONMOVERS: 1995 TO 2000**

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

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

Continued on next page.

**Table 1.67-- SELECTED GENERAL CHARACTERISTICS OF  
MIGRANTS AND NONMOVERS: 1995 TO 2000 -- Con.**

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

1/ Population age 25 years and over.

2/ Population age 16 years and over.

3/ Employed civilian population 16 years and over.

4/ Population age 15 years and over.

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

**Table 1.68-- TOP DOMESTIC INMIGRATION STATES: 2007**

[Ranked by largest number. Population 1 year and over. State of residence in 2007 was Hawaii, but different state of residence in 2006. Data based on a sample]

Rank	State	Estimate	Margin of error 1/	% Estimate 2/	Margin of error for % 1/
	Total immigrants 3/	51,973	+/-5,688	(X)	(X)
1	California	11,560	+/-2,902	22.2	+/-5.0
2	Texas	3,372	+/-1,489	6.5	+/-2.8
3	Washington	3,327	+/-1,447	6.4	+/-2.7
4	Florida	3,314	+/-1,113	6.4	+/-2.0
5	Oregon	3,110	+/-1,106	6.0	+/-2.0
6	Virginia	2,446	+/-1,718	4.7	+/-3.3
7	Arizona	2,125	+/-1,429	4.1	+/-2.7
8	New York	1,843	+/-951	3.5	+/-1.8
9	North Carolina	1,500	+/-860	2.9	+/-1.6
10	Georgia	1,462	+/-892	2.8	+/-1.7
11	Massachusetts	1,403	+/-1,221	2.7	+/-2.3
12	Nevada	1,347	+/-857	2.6	+/-1.6
13	Alabama	1,223	+/-1,534	2.4	+/-2.9
14	Illinois	1,142	+/-484	2.2	+/-0.9
15	Michigan	1,101	+/-762	2.1	+/-1.4

X Not applicable.

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

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

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

Source: U.S. Census Bureau, 2007 American Community Survey 1-Year Estimates "Table 1. Movers Within and Between States, the District of Columbia, and Puerto Rico" <<http://www.census.gov/population/www/socdemo/state-to-state.html>> accessed May 20, 2009 and "B07003. Geographical Mobility in the Past Year by Sex for Current Residence in the United States" <[http://factfinder.census.gov/servlet/DTable?\\_bm=y&-context=dt&-ds\\_name=ACS\\_2007\\_1YR\\_G00\\_&-mt\\_name=ACS\\_2007\\_1YR\\_G2000\\_B07003&-CONTEXT=dt&-tree\\_id=307&-geo\\_id=04000US15&-search\\_results=01000US&-format=&-\\_lang=en](http://factfinder.census.gov/servlet/DTable?_bm=y&-context=dt&-ds_name=ACS_2007_1YR_G00_&-mt_name=ACS_2007_1YR_G2000_B07003&-CONTEXT=dt&-tree_id=307&-geo_id=04000US15&-search_results=01000US&-format=&-_lang=en)> accessed February 28, 2009; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 1.69-- TOP DOMESTIC OUTMIGRATION STATES: 2007**

[Ranked by largest number. Population 1 year and over. State of residence in 2006 was Hawaii, but different state of residence in 2007. Data based on a sample]

Rank	State	Estimate	Margin of error 1/	% Estimate 2/	Margin of error for % 1/
	<b>Total outmigrants 3/</b>	66,468	+/-7,822	(X)	(X)
1	California	15,352	+/-4,254	23.1	+/-5.8
2	Texas	4,691	+/-2,672	7.1	+/-3.9
3	Washington	4,008	+/-1,758	6.0	+/-2.5
4	Virginia	3,864	+/-1,691	5.8	+/-2.5
5	Arizona	2,966	+/-1,320	4.5	+/-1.9
6	North Carolina	2,961	+/-1,608	4.5	+/-2.4
7	Florida	2,678	+/-1,587	4.0	+/-2.3
8	Georgia	2,198	+/-1,446	3.3	+/-2.1
9	Kentucky	2,083	+/-1,495	3.1	+/-2.2
10	Oregon	2,040	+/-952	3.1	+/-1.4
11	Colorado	1,885	+/-1,125	2.8	+/-1.7
12	South Carolina	1,861	+/-1,340	2.8	+/-2.0
13	Massachusetts	1,820	+/-1,336	2.7	+/-2.0
14	Nevada	1,584	+/-997	2.4	+/-1.5
15	Maryland	1,558	+/-1,074	2.3	+/-1.6

X Not applicable.

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

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

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

Source: U.S. Census Bureau, 2007 American Community Survey 1-Year Estimates "Table 1. Movers Within and Between States, the District of Columbia, and Puerto Rico" <<http://www.census.gov/population/www/socdemo/state-to-state.html>> accessed May 20, 2009 and "B07403. Geographical Mobility in the Past Year by Sex for Residence 1 Year Ago in the United States" <[http://factfinder.census.gov/servlet/DTable?\\_bm=y&-context=dt&-ds\\_name=ACS\\_2007\\_1YR\\_G00\\_-CONTEXT=dt&-mt\\_name=ACS\\_2007\\_1YR\\_G2000\\_B07403&-tree\\_id=307&-redoLog=false&-geo\\_id=04000US15&-search\\_results=01000US&-format=&-\\_lang=en](http://factfinder.census.gov/servlet/DTable?_bm=y&-context=dt&-ds_name=ACS_2007_1YR_G00_-CONTEXT=dt&-mt_name=ACS_2007_1YR_G2000_B07403&-tree_id=307&-redoLog=false&-geo_id=04000US15&-search_results=01000US&-format=&-_lang=en)> accessed February 28, 2009; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

## Section 2

# VITAL STATISTICS AND HEALTH

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

The major source for data on vital statistics and health is the Hawaii State Department of Health. Information is also available on health care businesses from the U.S. Census Bureau's 2002 Economic Census. Long-term trends are traced in *Historical Statistics of Hawaii*, Section 2. Sections 2 and 3 of the *Statistical Abstract of the United States: 2009* 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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**Table**  
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(Click on the table number to go to corresponding table)

<a href="#">02.29</a>	Occupancy Characteristics of State-Approved Acute and Long-Term Care Civilian Facilities, by Island: 2006
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**Table 2.01-- BIRTHS AND DEATHS: 1990 TO 2007**

[Place of occurrence basis]

Year	Resident births 2/	Resident deaths 2/	Rates per 1,000 resident population 1/		Rates per 1,000 live births		
			Births	Deaths	To unmarried mothers	Fetal deaths 3/	Infant deaths 4/
1990	20,438	6,687	18.4	6.0	249.3	10.4	7.1
1991	19,880	6,696	17.5	5.9	262.5	10.5	7.0
1992	19,837	6,846	17.1	5.9	264.5	11.1	6.5
1993	19,567	7,226	16.7	6.2	273.0	11.7	7.6
1994	19,438	7,206	16.4	6.1	283.8	12.0	6.8
1995	18,552	7,482	15.5	6.3	291.8	12.1	5.9
1996	18,378	7,803	15.3	6.5	302.3	9.6	5.8
1997	17,326	7,710	14.3	6.4	299.0	8.5	6.4
1998	17,567	7,969	14.5	6.6	319.4	8.1	6.8
1999	17,032	8,125	14.1	6.7	328.4	10.8	7.1
2000	17,514	8,163	14.5	6.7	322.7	9.5	7.8
2001	17,043	8,252	14.0	6.8	330.7	11.4	6.2
2002	17,444	8,650	14.2	7.0	337.2	10.2	7.0
2003	18,066	8,850	14.6	7.1	335.3	10.6	7.6
2004	18,238	8,888	14.6	7.1	345.0	8.7	5.5
2005	17,882	8,988	14.1	7.1	362.3	8.1	6.9
2006	18,927	9,290	14.8	7.3	362.4	7.8	5.9
2007	19,085	9,314	14.9	7.3	370.7	10.1	6.3

1/ Based on July 1 estimates by the U.S. Census Bureau, as revised through Dec. 22, 2008 . Rates for 2000 and beyond may differ from previous *Data Books* due to revisions to these population figures. Population estimates for 1991 through 1999 were revised based upon the April 1, 2000 figures which were released April 19, 2002.

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

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

4/ Under 1 year of age.

Source: Hawaii State Department of Health, *Statistical Report* (annual), and Office of Health Status Monitoring, records; U.S. Census Bureau, Population Division "Table 1: Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2008" (NST-EST2008-01) (December 22, 2008) <<http://www.census.gov/popest/states/tables/NST-EST2008-01.xls>> accessed December 22, 2008; calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

**Table 2.02-- BIRTHS AND DEATHS, BY MILITARY STATUS: 2003 TO 2007**

[Place of occurrence basis]

Subject	All groups	Armed forces	Civilians 1/			Armed forces and dependents
			All civilians	Military dependents	Other civilians	
Live births:						
2003	18,141	-	18,141	3,013	15,128	3,013
2004	18,296	-	18,296	2,972	15,324	2,972
2005	17,922	-	17,922	2,692	15,230	2,692
2006	18,986	-	18,986	3,281	15,705	3,281
2007	19,153	-	19,153	3,030	16,123	3,030
Deaths:						
2003	9,179	33	9,146	56	9,090	89
2004	9,252	42	9,210	59	9,151	101
2005	9,330	51	9,279	60	9,219	111
2006	9,622	41	9,581	55	9,526	96
2007	9,627	33	9,594	62	9,532	95
Birth rates: 2/						
2003	13.5	0	13.9	56.4	12.1	3/ 30.9
2004	13.4	0	3/ 13.7	52.1	3/ 12.0	3/ 32.5
2005	12.9	0	13.3	46.8	11.8	3/ 27.5
2006	13.6	0	14.0	61.8	12.1	3/ 34.6
2007	13.7	0	14.0	50.8	12.3	32.1
Death rates: 2/						
2003	6.8	0.8	7.0	1.0	7.3	0.9
2004	6.8	3/ 1.2	3/ 6.9	1.0	7.2	3/ 1.1
2005	6.7	3/ 1.3	6.9	1.0	7.2	1.1
2006	6.9	3/ 1.0	7.1	1.0	7.3	1.0
2007	6.9	0.9	7.0	1.0	7.3	1.0

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

2/ Per 1,000 de facto population in each group. Calculation of de facto population are based on July 1 estimates by the U.S. Census Bureau as revised through December 22, 2008 as well as the population estimates for 1991 through 1999 which were revised based upon the April 1, 2000 figures and released on April 19, 2002.

3/ Revised from previous *Data Book*.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records; U.S. Census Bureau, Population Division, "Table 1: Annual Estimates of the Resident Population for the United States, Regions, States, and for Puerto Rico: April 1, 2000 to July 1, 2008" (NST-EST2008-01) (December 22, 2008) <<http://www.census.gov/popest/states/tables/NST-EST2008-01.xls>> accessed December 22, 2008; Hawaii State Department of Business, Economic Development & Tourism, *State of Hawaii Data Book 2007*, Table 1.03; 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 2007**

[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	18.4	17,514	825	3,901
2001	21,764	17.9	17,043	759	3,962
2002	22,172	18.1	17,444	831	3,897
2003	22,509	18.2	18,066	862	3,581
2004	22,564	18.0	18,238	884	3,442
2005	22,303	17.6	17,882	897	3,524
2006	23,219	18.2	18,927	827	3,465
2007	23,731	18.6	19,085	942	3,704

1/ Based on July 1 estimates by the U.S. Census Bureau, as revised through Dec. 22, 2008. Rates for 2000 and beyond may differ from previous *Data Books* due to revisions to these population figures. Population estimates for 1991 through 1999 were revised based upon the April 1, 2000 figures which were released April 19, 2002.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records; U.S. Census Bureau, Population Division "Table 1: Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2008" (NST-EST2008-01) (December 22, 2008) <<http://www.census.gov/popest/states/tables/NST-EST2008-01.xls>> accessed December 22, 2008; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.04-- BIRTHS AND DEATHS, BY RESIDENCE: 2003 TO 2007**

[Place of occurrence basis]

<b>Event and year</b>	<b>Total</b>	<b>Resident 1/</b>	<b>Nonresident</b>	<b>Not reported</b>
Births:				
2003	18,141	18,066	73	2
2004	18,296	18,238	57	1
2005	17,922	17,882	37	3
2006	18,986	18,927	58	1
2007	19,153	19,085	68	-
Deaths:				
2003	9,179	8,850	318	11
2004	9,252	8,888	352	12
2005	9,330	8,988	331	11
2006	9,622	9,290	313	19
2007	9,627	9,314	307	6

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: 2005 TO 2007**

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

<b>Subject</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Number of resident births	17,882	18,927	19,085
City and County of Honolulu	12,949	13,683	13,534
Percent on Oahu	72.4	72.3	70.9
Hawaii County	2,297	2,376	2,529
Kauai County	727	841	869
Maui County (incl. Kalawao)	1,909	2,027	2,153
Percent attended by M.D. or D.O. in hospital	94.2	93.7	93.5
Males per 100 females	107.3	108.1	106.3
Median weight of single births (grams)	3,289	3,289	3,289
Percent low birth weight (under 2,500 grams)	8.2	8.0	8.0
Percent single births under 40 weeks gestation	68.3	68.8	68.0
Percent plural	2.8	3.0	2.7
Percent with 1 or more congenital malformations	4.8	5.5	7.3
Percent to unmarried mothers	36.3	36.2	37.1
Percent with prenatal visit in first three months	79.1	79.0	77.9
Percent first child born to mother 1/	29.7	31.5	30.9
Percent first child born alive to mother	40.3	41.6	40.9
Median age of mothers (years)	28	28	28
Median age of known fathers (years)	30	30	30

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

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

**Table 2.06-- BIRTH AND FERTILITY RATES FOR THE UNITED STATES AND HAWAII: 2006**

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

Type of rate	United States	Hawaii	Rank 1/
Birth rate 2/ Fertility rate 4/	14.2 68.5	14.8 73.9	3/ 16 13

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

2/ Per 1,000 estimated population.

3/ Tied with two other states.

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

Source: U.S. National Center for Health Statistics, as cited in *Statistical Abstract of the United States: 2009*, table 81 <<http://www.census.gov/compendia/statab/tables/09s0081.xls>> accessed January 15, 2009.

**Table 2.07-- RESIDENT BIRTHS, MIXED AND UNMIXED RACE,  
BY MILITARY STATUS OF PARENT: 2007**

[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	19,085	7,576	10,619	890	58.4
Military	3,021	2,030	929	62	31.4
Civilian	14,678	5,511	9,151	16	62.4
Status not reported	1,386	35	539	812	93.9

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

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

3/ Based on number reporting.

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

**Table 2.08-- MOST COMMON FIRST NAMES ON BIRTH CERTIFICATES,  
BY SEX: 2007**

[Place of occurrence basis. A total of 9,317 first names, including variant spellings, was reported for the 19,153 babies born in Hawaii in 2007]

Boys' names			Girls' names		
Rank	Name	Number	Rank	Name	Number
1	Noah	101	1	Sophia	59
2	Ethan	84	2	Ava	52
3	Joshua	75	3	Chloe	51
4	Isaiah	66	4	Isabella	49
5	Dylan	61	5	Emma	48
5	Jacob	61	6	Madison	42
5	Logan	61	7	Mia	40
8	Elijah	60	8	Maya	39
9	Jayden	56	9	Hailey	36
10	Daniel	53	10	Emily	34
10	Tyler	53	10	Olivia	34

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

**Table 2.09-- MOST COMMON SURNAMES ON BIRTH AND DEATH  
CERTIFICATES: 2007**

Birth certificates			Death certificates		
Rank	Surname	Births	Rank	Surname	Deaths
1	Lee	77	1	Lee	67
2	Smith	66	2	Wong	50
3	Williams	55	3	Ching	37
4	Johnson	49	3	Kim	37
4	Nguyen	49	3	Nakamura	37
6	Wong	46	6	Higa	32
7	Jones	45	6	Young	32
8	Brown	44	8	Chun	29
9	Silva	43	8	Tanaka	29
10	Ramos	41	10	Smith	28

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

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

[In years]

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

NA Not available.

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

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

[Average expectation of life in years]

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

NA Not available.

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

Source: U.S. Bureau of the Census, *Historical Statistics of the United States, Colonial Times to 1970*, Part 1 (1975), p. 55; Hawaii State Department of Health, Office of Health Status Monitoring, "Life Tables by Ethnic Group for Hawaii, 1920-1970," R & S Report, No. 26 (June 1979), pp. 8-26; and "Life Expectancy in the State of Hawai'i, 1980 and 1990," R & S Report, No. 63 (August 1996), p. 9; U.S. Department of Health and Human Services, National Center for Health Statistics, "Average Life Expectancy at Birth by State for 2000 and Ratio of Estimates and Projections of Deaths: 2001 to 2003", Table 2 (April 21, 2005) <<http://www.census.gov/population/projections/MethTab2.xls>> accessed June 6, 2006, *Health, United States, 2006*, Table 27 (February 2007) <<http://www.cdc.gov/nchs/data/hus/06.pdf#027>> accessed July 5, 2007, *Health, United States, 2007*, Table 27 (November 2007) <<http://www.cdc.gov/nchs/data/07.pdf#027>> accessed May 23, 2008; and *Health, United States, 2008*, Table 26 (March 2009) <<http://www.cdc.gov/nchs/08.htm>> accessed June 22, 2009.

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

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

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

1/ Maui County includes Kalawao County.

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

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

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

NA Not available.

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

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

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

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

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

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

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

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

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

**Table 2.16-- CHARACTERISTICS OF RESIDENT DEATHS: 2005 TO 2007**

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

Subject	2005	2006	2007
Number of resident deaths	8,988	9,290	9,314
City and County of Honolulu	6,366	6,530	6,462
Hawaii County	1,227	1,367	1,347
Kauai County	486	491	496
Maui County (incl. Kalawao)	909	902	1,009
Males per 100 females	120.3	119.3	118.7
Median age (years)	78	78	79
Centenarian deaths: Male	20	33	34
Female	52	73	56
Oldest (age in years): Male	103	105	106
Female	111	106	107
Percent married	41.6	41.4	41.1
Deaths under 1 year	114	107	118
Per 1,000 live births	6.4	5.7	6.2
Fetal deaths 1/	4,421	4,292	4,646
Per 1,000 deliveries	198	185	196
Fetal deaths, 20 or more weeks gestation 2/	141	141	187
Per 1,000 live births	7.9	7.4	9.8
Standard fetal deaths 3/	897	827	942
Elective abortions	3,524	3,465	3,704
Per 1,000 live births	197.1	183.1	194.1

1/ Includes elective abortions.

2/ Includes elective abortions if 20 weeks or more.

3/ Excludes elective abortions.

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

**Table 2.17-- CAUSES OF DEATH, BY SEX: 2007**

[Place of residence basis]

Causes of death 1/	Both sexes	Males 2/	Females
Total deaths	9,314	5,056	4,258
Malignant neoplasm 3/	2,169	1,218	951
Stomach	88	51	37
Colon, rectum and anus	230	136	94
Pancreas	153	83	70
Trachea, bronchus and lung	532	327	205
Breast (Female)	130	-	130
Cervix uteri, corpus uteri and ovary	97	-	97
Prostate	106	106	-
Urinary tract	95	59	36
Non-Hodgkin's lymphoma	87	56	31
Leukemia	67	41	26
Other malignant neoplasms	584	359	225
Diabetes mellitus	287	156	131
Alzheimer's disease	244	91	153
Diseases of the heart	2,186	1,255	931
Hypertensive heart disease	72	30	42
Ischemic heart disease	1,155	706	449
Other forms of heart disease	959	519	440
Hypertension	102	46	56
Cerebrovascular disease	633	293	340
Atherosclerosis	15	6	9
Other circulatory system diseases	86	46	40
Influenza/pneumonia	195	120	75
Chronic lower respiratory diseases	296	153	143
Peptic Ulcer	16	7	9
Chronic liver disease and cirrhosis	106	76	30
Nephritis and nephrosis	174	104	70
Perinatal conditions	68	39	29
Congenital anomalies	27	16	11
Sudden Infant Death Syndrome	5	5	-
Symptoms and ill-defined conditions	169	68	101
Other diseases 4/	1,855	879	976
Motor vehicle accidents	131	97	34
All other and unspecified accidents and adverse effects	334	221	113
Intentional self-harm (suicide)	129	98	31
Assault (homicide)	21	13	8
All other external causes	66	49	17

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 2009**

[Complete through June 15, 2009]

Type of disaster	Date	Location	Event	Deaths
Aircraft	Mar. 22, 1955	Waianae Mts.	Crash of MATS R6-D	66
Asphyxiation	Oct. 19, 1937	Palama	Leaking gas in house	8
Construction	Mar. 25, 1930	Kauai	Collapse of Alexander Dam	6
Earthquake	Apr. 2, 1868	Ka'u; Puna	Earthquake	32
Explosion	May 21, 1944	West Loch	Explosions on 9 Navy ships loading ammunition	163
Fire	June 8, 1944	Kalihi	Colliding bombers set fire to houses 1/	10
	Oct. 15, 1997	Palolo	Fire destroyed 3 houses	7
Flood	Jan. 18, 1916	Iao; Wailuku	Cloudburst and flood	14
Homicide	Nov. 2, 1999	Iwilei	Mass murder in office	7
Hurricane	Sept. 11, 1992	Kauai; Oahu	Hurricane Iniki	8
Landslide	May 9, 1999	Sacred Falls	Landslide	8
Marine	1829 or 1830	New Hebrides	Losses to Boki's ships 2/	410
Motor vehicle	July 2, 1944	Waialua	Truck overturned on pedestrians	7
	July 5, 1969	Kamehameha Hwy at Puuloa	2-car accident	7
Railroad	June 26, 1916	Near Hana	Work train derailed	5
Tsunami	Apr. 1, 1946	Statewide	Tsunami	159
Volcano	Nov. 1790	Kilauea	Eruption killed soldiers	80 or 400
War, riots, etc.	Dec. 7, 1941	Oahu	Pearl Harbor attack	2,500
	Jan. 1790	Olowalu	U.S. ship fired on native canoes	> 100
	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 2009**

[Includes all accidents, natural disasters, and other events causing five or more deaths. Complete through June 15, 2009]

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

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

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

**Table 2.20-- DEATHS BY METHOD OF DISPOSITION:  
1980 TO 2007**

[Place of occurrence basis]

<b>Method</b>	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
All methods	5,204	7,055	8,511	9,330	9,622	9,627
Burial	2,343	2,798	2,767	2,667	2,648	2,597
Cremation	2,241	3,564	5,092	5,964	6,292	6,372
Removal	567	656	591	634	591	580
Entombment	44	35	19	8	15	11
Medical science	-	-	40	55	68	64
Other	1	-	-	1	2	1
Unknown	8	2	2	1	6	2

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

**Table 2.21-- PERSONS ON THE STATE BLIND REGISTER, BY COUNTY,  
2002 TO 2008, AND BY LEVEL OF VISUAL IMPAIRMENT, 2008**

[As of June 30]

<b>Year and Subject</b>	<b>State total</b>	<b>City and County of Honolulu</b>	<b>Hawaii County</b>	<b>Kauai County</b>	<b>Maui County</b>
YEAR					
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
LEVEL OF VISUAL IMPAIRMENT: 2008					
Total	3,519	2,675	424	147	273
Blind 2/	3,220	2,465	374	129	252
Visually impaired 3/	299	210	50	18	21

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

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

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

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

**Table 2.22-- SELECTED CHRONIC CONDITIONS: 2008**

[Excludes persons in institutions, military barracks, households without telephones, the homeless, and Ni`ihau. Sample survey consisted of 16,859 people. Data were provisionally weighted based on the Census 2000 data]

<b>Selected chronic conditions</b>	<b>Prevalence of condition 1/</b>	<b>Conditions per 1,000 persons 2/</b>
Diabetes	86,706	69
Hypertension	197,437	157
High blood cholesterol	203,966	162
Asthma	140,113	111
Arthritis	105,007	83

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: 2003 TO 2007**

[2007 data reported as of December 2008; earlier data not updated]

Disease	2003	2004	2005	2006	2007
Cases: 1/					
AIDS	120	139	115	91	96
Campylobacteriosis	651	684	558	587	531
E. coli 0157:H7	9	10	13	19	40
Fish poisoning 2/	142	70	80	63	40
Giardiasis	94	80	63	58	80
Gonorrhea	1,264	1,194	1,024	885	658
Hansen's Disease 3/	15	20	22	11	15
Hepatitis A	14	27	24	12	8
Hepatitis B (Acute)	22	11	10	8	18
Influenza 4/	916	389	860	1,104	603
Leptospirosis 5/	23	37	26	25	30
Malaria 6/	6	4	18	9	2
Measles (Rubeola) 6/	22	3	2	-	2
Meningitis, bacterial	14	9	12	10	10
Mumps 7/	13	9	18	6	2
Pertussis (whooping cough) 4/	11	30	147	87	19
Pneumococcal disease	142	103	90	115	111
Rubella 6/	1	-	-	-	-
Salmonellosis	230	375	290	265	313
Shigellosis	46	49	35	45	72
Syphilis (Primary & Secondary)	14	8	11	12	9
Tuberculosis	117	116	112	115	122
Deaths: 8/					
AIDS	20	23	18	17	21
Hansen's Disease	-	(9/)	-	-	(9/)
Hepatitis A	-	-	-	(9/)	-
Hepatitis B (Acute)	(9/)	10	6	6	(9/)
Influenza	(9/)	(9/)	(9/)	(9/)	(9/)
Leptospirosis	-	-	(9/)	-	-
Meningitis, bacterial	-	-	(9/)	(9/)	-
Pneumococcal disease	(9/)	(9/)	(9/)	(9/)	(9/)
Salmonellosis	-	(9/)	-	(9/)	(9/)
Shigellosis	-	-	-	-	-
Syphilis	(9/)	-	-	-	-
Tuberculosis	(9/)	(9/)	(9/)	(9/)	(9/)

Continued on next page.

**Table 2.23--SPECIFIED COMMUNICABLE DISEASES: 2003 TO 2007 -- Con.**

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

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

**Table 2.24-- HEALTH RISK BEHAVIORS AND CONDITIONS FOR PERSONS 18 YEARS AND OLDER: 2005 TO 2008**

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

Risk factor 1/	2005	2006	2007	2008
Seatbelt non-use	(NA)	0.6 (0.4-1.0)	(NA)	0.7 ( 0.4- 1.1)
Binge drinking 2/	16.5 (15.2-17.9)	17.5 (16.2-19.0)	18.5 (17.0-20.0)	17.6 (16.1-19.1)
Drinking and driving 3/	(NA)	6.8	(NA)	4.6
High cholesterol	34.6 (32.8-36.3)	(NA)	36.3 (34.7-38.1)	(NA)
Hypertension 4/	24.9	(NA)	29.5	(NA)
Lack of exercise 5/	19.5 (18.2-20.8)	19.3 (18.0-20.6)	18.0 (16.8-19.4)	19.6 (18.2-21.0)
Poor nutrition 6/	75.5	(NA)	71.2	(NA)
Diabetes 7/	8.0	8.9	8.6	8.8
Asthma 8/	14.1 (13.0-15.4)	15.9 (14.6-17.3)	13.9 (12.7-15.2)	16.1 (14.8-17.5)
Current smokers	17.0 (15.8-18.4)	17.5 (16.3-18.9)	17.0 (15.7-18.4)	15.4 (14.1-16.8)
Overweight 9/	33.3 (31.7-34.9)	35.5 (33.9-37.1)	35.1 (33.5-36.7)	34.2 (32.6-35.9)
Obese 10/	19.7 (18.3-21.2)	20.6 (19.2-22.0)	21.7 (20.3-23.2)	23.1 (21.7-24.7)

NA Not available.

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

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

3/ At least once during the past 30 days.

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

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

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

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

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

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

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

Source: Hawaii State Department of Health, Office of Health Status Monitoring, Behavioral Risk Factor Surveillance System (BRFSS) <<http://www.hawaii.gov/health/statistics/brfss/index.html>> accessed June 16, 2009.

**Table 2.25-- NUMBER AND BED CAPACITY OF STATE-APPROVED FACILITIES AND CARE HOMES, BY TYPE OF FACILITY: 2000 TO 2007**

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

Category and year	Facilities				Care homes	
	Total 1/	Acute care 2/	Long-term care 2/	Specialty care	Type I 3/	Type II 4/
Number of facilities:						
2000	74	24	45	24	543	17
2001	73	21	45	22	529	16
2002	72	20	45	23	521	19
2003	68	20	45	19	512	17
2004	72	22	48	21	480	19
2005	70	23	50	18	467	20
2006	64	21	44	15	446	19
2007	65	23	47	13	462	20
Number of licensed beds: 5/						
2000	7,759	2,561	4,115	1,088	2,514	413
2001	7,625	2,519	4,137	969	2,645	387
2002	7,623	2,462	4,184	977	2,605	417
2003	7,685	2,507	4,196	982	2,394	359
2004	7,612	2,464	4,234	914	2,250	381
2005	7,602	2,509	4,221	872	2,188	387
2006	7,233	2,523	3,940	770	2,106	339
2007	7,325	2,558	4,085	682	2,188	365

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

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

3/ Five beds or fewer.

4/ Six beds or more.

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

Source: Hawaii State Department of Health, Hawaii State Health Planning & Development Agency, *Inpatient Facilities and Home Health Services Utilization Report 2000 Data* (October 2001),

*Inpatient Facilities Utilization Report 2001 Data* (October 2002)

<<http://www.state.hi.us/health/shpda/shzrptoc.htm>> accessed December 27, 2002; *Health Care Utilization Report* (annual) <<http://www.state.hi.us/health/shpda/>> accessed July 10, 2009 and revised tables; Office of Health Care Assurance, records; 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 2007**

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

Type of facility and year	Admissions	Average daily census	Average length of stay (days)	Average daily percent occupancy
Acute care:				
2000	104,273	1,711	6.0	66.8
2001	103,607	1,693	6.0	67.2
2002	109,354	1,703	5.7	69.2
2003	109,055	1,654	5.5	66.0
2004	113,066	1,636	5.3	66.4
2005 1/	111,095	1,674	5.5	66.7
2006 1/	109,752	1,709	5.7	67.7
2007 1/	108,995	1,650	5.5	64.5
Long-term care:				
2000	6,251	3,700	216	89.9
2001	6,263	3,781	220	91.4
2002	6,673	3,931	215	94.0
2003	7,468	3,903	191	93.0
2004	7,881	3,941	183	93.1
2005 1/	8,171	3,977	178	94.2
2006 1/	6,749	3,744	202	95.0
2007 1/	7,367	3,847	191	94.2

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

Source: State Health Planning & Development Agency, *Inpatient Facilities and Home Health Services Utilization Report 2000 Data* (October 2001); *Inpatient Facilities Utilization Report 2001 Data* (October 2002) <<http://www.state.hi.us/health/shpda/shzrptoc.htm>> accessed December 27, 2002; *Health Care Utilization Report* (annual) <<http://www.state.hi.us/health/shpda/>> accessed July 10, 2009 and revised tables; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.27-- NUMBER AND BED CAPACITY OF STATE-APPROVED CIVILIAN FACILITIES AND CARE HOMES, BY TYPE OF FACILITY, BY ISLAND: DECEMBER 2006**

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

Category and island	Facilities				Care homes	
	Total 1/	Acute care 2/	Long-term care 2/	Specialty care	Type I 3/	Type II 4/
<b>NUMBER OF FACILITIES</b>						
State total	64	21	44	15	446	19
Oahu	43	10	27	13	372	18
Hawaii	8	5	7	-	47	-
Kauai	6	3	5	-	14	1
Maui	4	1	3	1	10	-
Molokai	2	1	1	1	3	-
Lanai	1	1	1	-	-	-
<b>NUMBER OF LICENSED BEDS 5/</b>						
State total	7,233	2,523	3,940	770	2,106	339
Oahu	5,233	1,976	2,518	739	1,776	329
Hawaii	942	246	696	-	208	-
Kauai	423	105	318	-	59	10
Maui	590	179	396	15	48	-
Molokai	31	13	2	16	15	-
Lanai	14	4	10	-	-	-

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

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

3/ Five beds or fewer.

4/ More than five beds.

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

Source: Hawaii State Department of Health, Hawaii State Health Planning & Development Agency, *Health Care Utilization Report 2006 Data* <<http://www.state.hi.us/health/shpda/sh06t4.pdf>> accessed October 28, 2008; Office of Health Care Assurance, records; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.28-- NUMBER AND BED CAPACITY OF STATE-APPROVED CIVILIAN FACILITIES AND CARE HOMES, BY TYPE OF FACILITY, BY ISLAND: DECEMBER 2007**

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

Category and island	Facilities				Care homes	
	Total 1/	Acute care 2/	Long-term care 2/	Specialty care	Type I 3/	Type II 4/
<b>NUMBER OF FACILITIES</b>						
State total	65	23	47	13	462	20
Oahu	41	10	28	9	384	19
Hawaii	9	6	8	-	49	-
Kauai	6	3	5	1	16	1
Maui	6	2	4	3	10	-
Molokai	2	1	1	1	3	-
Lanai	1	1	1	-	-	-
<b>NUMBER OF LICENSED BEDS 5/</b>						
State total	7,325	2,558	4,085	682	2,188	365
Oahu	5,176	1,988	2,554	634	1,838	355
Hawaii	974	254	720	-	218	-
Kauai	428	101	318	9	69	10
Maui	702	198	481	23	48	-
Molokai	31	13	2	16	15	-
Lanai	14	4	10	-	-	-

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

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

3/ Five beds or fewer.

4/ More than five beds.

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

Source: Hawaii State Department of Health, Hawaii State Health Planning & Development Agency, *Health Care Utilization Report 2007 Data* <<http://www.state.hi.us/health/shpda/sh06t4.pdf>> accessed July 10, 2009; Office of Health Care Assurance, records; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.29-- OCCUPANCY CHARACTERISTICS OF STATE-APPROVED ACUTE AND LONG-TERM CARE CIVILIAN FACILITIES, BY ISLAND: 2006**

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

Type of facility and island	Admissions	Average daily census	Average length of stay (days)	Average daily percent occupancy
<b>ACUTE CARE 1/</b>				
State total	109,752	1,709	5.7	67.7
Oahu	77,460	1,309	6.2	66.3
Hawaii	13,310	167	4.6	67.9
Kauai	6,388	81	4.6	77.3
Maui	12,419	150	4.4	83.5
Molokai	146	2	4.6	14.1
Lanai	29	1	2.5	4.9
<b>LONG-TERM CARE 1/</b>				
State total	6,749	3,744	202	95.0
Oahu	4,956	2,374	175	94.3
Hawaii	1,041	681	239	97.8
Kauai	129	305	863	96.0
Maui	612	373	223	94.2
Molokai	1	2	730	100.0
Lanai	10	10	348	95.2

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

Source: Hawaii State Department of Health, Hawaii State Health Planning and Development Agency, *Health Care Utilization Report 2006 Data* <<http://www.state.hi.us/health/shpda/sh06toc.htm>> accessed October 28, 2008; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.30-- OCCUPANCY CHARACTERISTICS OF STATE-APPROVED ACUTE AND LONG-TERM CARE CIVILIAN FACILITIES, BY ISLAND: 2007**

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

Type of facility and island	Admissions	Average daily census	Average length of stay (days)	Average daily percent occupancy
<b>ACUTE CARE 1/</b>				
State total	108,995	1,650	5.5	64.5
Oahu	76,959	1,255	6.0	63.1
Hawaii	13,282	163	4.5	64.0
Kauai	6,066	65	3.9	64.8
Maui	12,520	165	4.8	83.1
Molokai	140	2	6.2	18.2
Lanai	28	1	2.5	4.8
<b>LONG-TERM CARE 1/</b>				
State total	7,367	3,847	191	94.2
Oahu	5,271	2,381	165	93.2
Hawaii	1,144	702	224	97.6
Kauai	304	297	357	93.5
Maui	628	457	266	95.0
Molokai	1	2	730	100.0
Lanai	19	7	130	67.6

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

Source: Hawaii State Department of Health, Hawaii State Health Planning and Development Agency, *Health Care Utilization Report 2007 Data* <<http://www.state.hi.us/health/shpda/sh06toc.htm>> accessed July 10, 2009; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.31-- CHARACTERISTICS OF YOUTHS REGISTERED FOR STATE CHILD AND ADOLESCENT MENTAL HEALTH SERVICES: 2004 TO 2008**

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

Subject	2004	2005	2006	2007	2008
Total	2,447	2,462	2,588	2,656	2,821
Youths registered with services procured 1/ Number	1,337	1,440	1,396	1,431	1,555
Percent	55	58	54	54	55
Sex (%)					
Male	67	65	65	66	66
Female	33	35	35	34	34
County					
Hawaii	551	609	635	669	753
Honolulu	832	931	997	1,046	1,098
Kauai	630	586	635	646	687
Maui	246	239	235	212	206
Special populations 2/	188	97	86	83	76
Selected services procured (%) 3/					
Out-of-home	52.7	49.0	46.8	41.4	38.8
Out-of-state	0.7	0.6	0.6	0.7	0.6
Hospital residential	5.8	6.7	5.0	5.9	6.1
Community high risk	1.0	1.2	1.1	1.0	1.0
Community residential	24.3	22.4	20.2	16.7	14.7
Therapeutic group home 4/	13.0	13.2	12.9	10.2	7.7
Therapeutic foster home 4/	14.9	15.6	16.9	19.1	18.1
Intensive home & community	69.0	70.5	72.4	71.9	70.4
Multi-systemic therapy	21.6	22.8	22.6	23.3	19.8
Intensive in-home	52.1	52.1	55.8	53.5	55.1
Outpatient 5/	2.2	1.7	0.7	6.1	13.6
Supportive services 6/	31.2	28.1	27.3	28.4	27.6
Crisis Stabilization	(NA)	(NA)	(NA)	0.6	2.2

Continued on next page.

**Table 2.31-- CHARACTERISTICS OF YOUTHS REGISTERED FOR STATE  
CHILD AND ADOLESCENT MENTAL HEALTH SERVICES:  
2004 TO 2008 -- Con.**

NA Not available.

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

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

3/ Youths receiving one or more days of service by level of care as a percent of all registered youths.

Procurement of mental health services from contracted provider agencies. Youths may receive multiple services, but unduplicated aggregates of services are shown in the table. 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. For the therapeutic group home service, the earlier figure for 2007 would have been 8.2%. For the therapeutic foster home service, the earlier figure for 2007 would have been 18.3%.

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

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

Source: Hawaii State Department of Health, Child and Adolescent Mental Health Division, *Annual Evaluation Report Fiscal Year* (annual) accessed June 13, 2009, Annual Evaluation Presentation (annual) and records <<http://www.hawaii.gov/health/mental-health/camhd/library/pdf/rpteval/index.html>> accessed June 13, 2009.

**Table 2.32-- ADULT PATIENTS SERVED BY STATE MENTAL HEALTH FACILITIES: 1998 TO 2008**

<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 1/	192	217	202	367
2008	165	200	227	363
<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 2/	4,073	2,540	4,108	7,998
2008 3/	3,895	2,960	3,348	7,153

1/ Revised from previous *Data Book*.

2/ Revised from previous *Data Book*. Beginning in 2007, the methodology was changed to include persons seen only for assessment or eligibility determination.

3/ 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 2.33-- HAWAII STATE HOSPITAL BEDS AND OCCUPANCY:  
2003 TO 2008**

[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
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

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 2008, about 2.4 % of the patients were on leave or absent without leave.

Source: Hawaii State Hospital, records.

**Table 2.34-- HANSEN'S DISEASE PATIENTS REGISTERED: 2003 TO 2007**

<b>Subject</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Patients on register, Dec. 31	283	277	279	251	242
Department of Health, Hansen's Disease					
Community Program 1/	245	240	244	218	213
Kalaupapa	38	37	35	33	28
New cases	15	20	22	11	16
Deaths	1	5	3	2	2

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 2.35-- ESTIMATED USE OF ILLICIT DRUGS, FOR THE UNITED STATES AND HAWAII: 2005-2006**

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

<b>Geographic area</b>	<b>Any illicit drug 1/</b>	<b>Marijuana</b>	<b>Any illicit drug other than marijuana 1/</b>	<b>Cigarettes</b>	<b>Binge alcohol 2/</b>
Estimated current users (1,000)					
United States	20,040	14,720	9,289	61,044	55,835
Hawaii	83	57	34	203	221
Current users as percent of population					
United States	8.2	6.0	3.8	25.0	22.8
Hawaii	8.0	5.5	3.3	19.6	21.4

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

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

Source: U.S. Substance Abuse and Mental Health Services Administration, *National Survey on Drug Use and Health, 2005 and 2006*, as cited in *Statistical Abstract of the United States: 2009*, table 200 <<http://www.census.gov/compendia/statab/tables/09s0200.xls>> accessed January 15, 2009.

**Table 2.36-- PREVALENCE OF VARIOUS SUBSTANCES WITH  
HAWAII STUDENTS: 1991 TO 2003**

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

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

Continued on next page.

**Table 2.36-- PREVALENCE OF VARIOUS SUBSTANCES WITH  
HAWAII STUDENTS: 1991 TO 2003-- Con.**

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

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

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

3/ Commonly known as "Ice".

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

**Table 2.37-- PHYSICIANS, DENTISTS, NURSES, AND PHARMACISTS  
LICENSED IN HAWAII, BY PLACE OF ADDRESS: JULY 30, 2008**

[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	7,855	1,457	17,266	1,827
State of Hawaii	4,083	1,025	11,854	1,017
Hawaii	395	102	1,398	105
Maui	332	85	1,106	92
Lanai	3	1	11	-
Molokai	13	3	30	3
Oahu	3,176	796	8,751	769
Kauai	164	38	558	48
Mainland U.S.	3,706	409	5,234	807
Foreign	66	23	178	3

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

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Licensing Branch, <[http://hawaii.gov/dcca/areas/pvl/main/reports/pvl\\_geo/](http://hawaii.gov/dcca/areas/pvl/main/reports/pvl_geo/)> accessed August 18, 2008; calculated by the Hawaii State Department of Business, Economic, Development & Tourism.

**Table 2.38-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS  
(NAICS 62), BY KIND OF BUSINESS OR OPERATION: 2002**

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

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

Continued on next page.

**Table 2.38-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS  
(NAICS 62), BY KIND OF BUSINESS OR OPERATION: 2002-- Con.**

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

Continued on next page.

**Table 2.38-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS  
(NAICS 62), BY KIND OF BUSINESS OR OPERATION: 2002-- Con.**

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

1/ Not available or not comparable.

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

3/ 500 to 999 employees.

4/ 1,000 to 2,499 employees.

5/ 250 to 499 employees.

6/ 100 to 249 employees.

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

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

**Table 2.39-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS  
(NAICS 62), FOR COUNTY AND SELECTED URBAN PLACE: 2002**

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

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

Continued on next page.

**Table 2.39-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS  
(NAICS 62), FOR COUNTY AND SELECTED URBAN PLACE: 2002-- Con.**

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

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

**Table 2.40-- MARRIAGES AND DIVORCES: 2000 TO 2007**

[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/
2000	25,376	9,217	4,716	7.6	3.9	63.7	43.4
2001	24,477	9,126	4,857	7.5	4.0	62.7	6/ 55.7
2002	25,795	8,914	4,798	7.3	3.9	65.4	6/ 56.0
2003	27,495	9,354	(7/)	7.6	(X)	66.0	6/ 55.5
2004	28,843	9,225	(7/)	7.4	(X)	68.0	6/ 56.0
2005	29,272	9,358	(7/)	7.4	(X)	68.0	6/ 54.7
2006	28,681	9,300	(7/)	7.3	(X)	67.6	6/ 53.7
2007	27,346	9,401	(7/)	7.4	(X)	65.6	6/ 55.1

X Not applicable.

1/ One or both partners are residents of Hawaii.

2/ Final decrees only.

3/ Based on July 1 estimates by the U.S. Census Bureau, as revised through Dec. 22, 2008. Rates for 2000 and beyond may differ from previous *Data Books* due to revisions to these population figures. Population estimates for 1991 through 1999 were revised based upon the April 1, 2000 figures which were released April 19, 2002.

4/ Both partners are nonresidents of Hawaii.

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

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

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

Source: Hawaii State Department of Health, *Statistical Report* (annual) and records; U.S. Census Bureau, Population Division "Table 1: Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2008" (NST-EST2008-01) (December 22, 2008) <<http://www.census.gov/popest/states/tables/NST-EST2008-01.xls>> accessed December 22, 2008; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.41-- 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 2.42-- CHARACTERISTICS OF MARRIAGES: 2004 TO 2007**

[Place of occurrence basis]

<b>Subject</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
MARRIAGES				
Number	28,843	29,272	28,681	27,346
Percent on Oahu	42.5	43.9	44.8	46.0
Percent Hawaii residents:				
Both bride and groom	29.1	28.8	28.9	31.0
One partner only	2.9	3.2	3.5	3.4
Neither bride nor groom	68.0	68.0	67.6	65.6
Not reported 1/	0.0	0.0	0.0	0.0
Median age (years):				
Groom	33	33	33	33
Bride	31	31	31	31
Percent previously married:				
Groom	38.2	37.6	37.1	37.1
Bride	38.1	37.7	36.6	36.8

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

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

**Table 2.43-- MARRIAGES, RESIDENT AND NONRESIDENT, BY RACE MIXTURE AND TYPE OF CEREMONY: 2007**

[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	27,346	9,401	17,945
Race of partners			
Both partners same race 1/	17,220	3,816	13,404
Different race 2/	7,374	4,687	2,687
Percent different race 3/	30.0	55.1	16.7
Not reported 4/	2,752	898	1,854
Type of ceremony			
Civil ceremony	3,598	3,056	542
Religious ceremony	23,748	6,345	17,403

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 2.44-- MARITAL DISSOLUTION: 1990 TO 2007**

[Place of residence basis]

Subject	1990	2000	2007	Percent		
				1990	2000	2007
Married couples	210,468	216,077	1/ 227,109	100.0	100.0	100.0
Marriages ended 2/	8,292	8,365	(NA)	3.9	3.9	(X)
By divorce 2/	5,172	4,707	(3/)	2.5	2.2	(X)
By death	3,120	3,658	3,829	1.5	1.7	1.7
Husbands	2,234	2,574	2,680	1.1	1.2	1.2
Wives	886	1,084	1,149	0.4	0.5	0.5

NA Not available.

X Not applicable.

1/ Estimate. The degree of uncertainty for an estimate is represented through the use of a confidence interval. For the number of married-couples, the lower bound of the 90 percent confidence interval is 221,842 while the upper bound is 232,376.

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

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

Source: Hawaii State Department of Health, *Statistical Report* (annual) and records; U.S. Bureau of the Census, *1990 Census of Population*, 1990 CP-1-13, table 30; U.S. Census Bureau, Census 2000 Summary File 3 Hawaii (September 25, 2002) and the American Community Survey, "Hawaii Selected Social Characteristics: 2007" (September 2008) <[http://factfinder.census.gov/servlet/ADPTable?\\_bm=y&-geo\\_id=04000US15&-context=adp&-ds\\_name=ACS\\_2007\\_1YR\\_G00\\_&-tree\\_id=307&-\\_lang=en&-\\_caller=geoselect&-format=>](http://factfinder.census.gov/servlet/ADPTable?_bm=y&-geo_id=04000US15&-context=adp&-ds_name=ACS_2007_1YR_G00_&-tree_id=307&-_lang=en&-_caller=geoselect&-format=>) accessed March 9, 2009.

## 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: 2009* 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="#">03.22</a>	Headcount Enrollment at the University of Hawai'i, by Campus: Fall 1994 to 2008
<a href="#">03.23</a>	Degrees, Diplomas, and Certificates Awarded by the University of Hawaii: 1996 to 2008
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**Table**  
**Number   Table Name**

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

<a href="#">03.26</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 2004
<a href="#">03.27</a>	Characteristics of the Hawaii State Library System: 2003 to 2008
<a href="#">03.28</a>	Characteristics of the Hawaii State Library System by Island: 2008
<a href="#">03.29</a>	University of Hawaii Library System Holdings and Circulation, by Campus: 2007 and 2008

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Table 3.05-- YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS OLD AND OVER, FOR THE UNITED STATES AND HAWAII: 2007**

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	197,892	84.5	0.1	27.5	0.1
Hawaii	874	89.4	0.5	29.2	0.8
Rank 1/	(NA)	2/ 10	(X)	16	(X)

X Not applicable.

NA Not available.

1/ Among the 50 states and District of Columbia.

2/ Tied with Maine at 10th.

Source: U.S. Census Bureau, 2007 American Community Survey, Selected Social Characteristics,  
<<http://factfinder.census.gov/>> accessed November 17, 2008.

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

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

<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	304	107,844	36,538	1,942
6114	Business schools, & computer & management training	26	6,527	2,917	113
6115	Technical & trade schools	42	20,935	6,989	291
6116	Other schools & instruction	209	49,999	16,405	1,203
6117	Educational support services	27	30,383	10,227	335

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

**Table 3.07-- PRIVATE EDUCATIONAL SERVICES (NAICS 611),  
BY TYPE OF SERVICE: 2006**

[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	530	108	17,432	530,141
6111	Elementary & secondary schools	134	67	10,376	357,770
6112	Junior colleges	6	4	283	8,800
6113	Colleges, universities & professional schools	28	11	4,129	110,824
6114	Business schools, & computer & management training	27	3	(1/)	(2/)
6115	Technical & trade schools	49	1	(3/)	(2/)
6116	Other schools & instruction	241	16	1,661	26,703
6117	Educational support services	45	6	455	10,125

1/ Employment-size class, 100 to 249 employees.

2/ The payroll isn't shown separately.

3/ Employment-size class, 250 to 499 employees.

Source: U.S. Census Bureau, 2006 County Business Patterns <<http://censtats.census.gov/cgi-bin/cbpnaic/cbpdetl.pl>> accessed December 2, 2008.

**Table 3.08-- EXPENDITURES, TOTAL AND PER PUPIL,  
BY EDUCATION LEVEL AND BY FUNCTION: 2006-2007**

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

Education level	Total expenditure	Instruction	Instructional support	Leadership	Operations	Other commitments
Total expenditure	2,033,999	949,573	656,991	78,862	284,019	14,785
Total per pupil (\$)	11,348	5,279	3,653	438	1,579	82
Elementary schools						
Total expenditure	966,352	468,478	303,226	45,270	142,273	7,106
Total per pupil (\$)	11,031	5,348	3,461	517	1,624	81
Middle schools						
Total expenditure	324,260	156,449	104,357	12,465	48,566	2,424
Total per pupil (\$)	10,790	5,206	3,472	415	1,616	81
High schools						
Total expenditure	534,379	252,094	187,571	16,652	73,769	4,292
Total per pupil (\$)	10,683	5,040	3,750	333	1,475	86
Combined schools						
Total expenditure	159,238	72,552	61,837	4,476	19,411	963
Total per pupil (\$)	13,776	6,277	5,350	387	1,679	83

Source: Hawaii State Department of Education <<http://165.248.10.76/hsers07/hsers07a.htm>> accessed May 19, 2009 and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 3.09-- APPROPRIATED FUNDS AND EXPENDITURES BY CATEGORY  
AND FUND TYPE: 2006-2007**

[In millions of dollars, fiscal year ending June 30, 2007]

	<b>Total</b>	<b>General</b>	<b>Federal</b>	<b>Special</b>	<b>Trust</b>
General appropriation	2,442.3	1/ 2,028.6	351.9	45.1	16.7
Total expenditures	2,276.3	1,985.0	249.5	36.5	5.3
Personal services	1,540.7	1,402.8	126.2	10.9	0.8
Others	735.6	582.2	123.3	25.6	4.5
Unencumbered balance	166.0	43.6	102.4	8.6	11.4

1/ Includes general fund carryover from the prior fiscal year.

Source: Hawaii State Department of Education, Office of Fiscal Services, *Department of Education Financial Report, July 1, 2006 - June 30, 2007*, (August 2008).

<<http://doe.k12.hi.us/reports/financialreports/FinancialReport06-07.pdf>> accessed on May 19, 2009.

**Table 3.10-- APPROPRIATED FUNDS, EXPENDITURES, PUPIL COST, ENROLLMENT AND NUMBER OF SCHOOLS: 2004-2005 TO 2006-2007**

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

	<b>2004-2005</b>	<b>2005-2006</b>	<b>2006-2007</b>	<b>Percent change, 2005-2006 to 2006-2007</b>
Appropriated funds total	1,976.9	2,245.1	2,442.3	8.8
General funds	1,547.0	1,832.5	2,028.6	10.7
Federal funds	361.0	343.4	351.9	2.5
Special funds	55.7	55.7	45.1	-19.0
Trust funds	13.2	13.5	16.7	23.7
Expenditures total	1,791.3	1/ 2,087.6	2,308.5	10.6
General funds	1,513.2	1,799.0	1,985.0	10.3
Federal funds	233.1	216.2	249.4	15.4
Special funds	39.3	37.0	36.6	-1.1
Trust funds	5.7	4.8	5.3	10.4
Other Funds	(NA)	30.6	32.2	5.2
Per pupil cost (dollars) 2/	9,337.87	10,252.17	11,659.36	13.7
Enrollment total (number) 3/	182,066	180,335	177,213	-1.7
Regular/special schools (number)	177,017	174,843	170,968	-2.2
Charter schools (number)	5,049	5,492	6,245	13.7
Schools (number)	286	285	285	0.0
Regular/Special Schools	259	258	257	-0.4
Charter Schools	27	27	28	3.7

1/ Revised from previous *Data Book*.

2/ Based on average enrollment.

3/ Average daily.

Source: Hawaii State Department of Education, Office of Fiscal Services, *Department of Education Financial Report, July 1, 2005 - June 30, 2006*, (December 2006) and *Department of Education Financial Report, July 1, 2006 - June 30, 2007*, (August 2008).

<<http://doe.k12.hi.us/reports/financialreports.htm>> accessed on May 19, 2009.

**Table 3.11-- GENERAL FUND APPROPRIATION AND EXPENDITURES:  
2005-2006 TO 2006-2007**

[In dollars. Fiscal year ending June 30]

<b>Programs</b>	<b>2005-2006</b>	<b>2006-2007</b>
General fund appropriation 1/	2/ 1,832,502,255	2/ 2,028,636,985
Total expenditures 1/	1,564,052,985	1,746,141,538
Instruction & Related Services	1,283,783,152	1,432,955,926
Administration	66,147,218	59,447,050
Instructional support	14,838,259	29,306,050
School support services	199,284,356	224,432,512
Community services	8,396,155	8,220,217
Debt services costs	206,116,917	224,279,599
Expensed as fringe costs	20,391,905	6,376,108
Grand total expenditures	1,798,957,962	1,985,017,462
Total general fund balance	33,544,293	43,619,523

1/ Includes public charter schools.

2/ Includes general fund carryover from the prior fiscal year.

Source: Hawaii State Department of Education, Office of Fiscal Services, *Department of Education Financial Report, July 1, 2006 - June 30, 2007*, (August 2008) and records.

<<http://doe.k12.hi.us/reports/financialreports.htm>> accessed on May 19, 2009.

**Table 3.12-- PUBLIC SCHOOL ENROLLMENT BY GRADE, BY COUNTY:  
2008-2009**

<b>Grade</b>	<b>State total 1/</b>	<b>Hawaii</b>	<b>Maui</b>	<b>Honolulu 1/</b>	<b>Kauai</b>	<b>Special and charter schools</b>
All grades	179,478	24,147	20,448	117,990	9,412	7,481
Nursery	1,607	175	151	1,203	48	30
Kindergarten	14,475	1,901	1,749	9,428	782	615
1	13,506	1,731	1,522	8,988	645	620
2	12,638	1,686	1,346	8,407	631	568
3	13,043	1,654	1,479	8,667	605	638
4	12,408	1,586	1,437	8,159	635	591
5	12,256	1,600	1,359	8,052	662	583
6	11,584	1,409	1,277	7,631	602	665
7	11,858	1,491	1,358	7,745	639	625
8	11,172	1,335	1,290	7,290	630	627
9	14,047	1,817	1,536	9,487	803	404
10	12,116	1,700	1,425	7,932	716	343
11	10,680	1,643	1,254	6,908	580	295
12	9,980	1,565	1,179	6,370	628	238
Special Ed.	18,108	2,854	2,086	11,723	806	639

1/ Data exclude UH Lab School.

Source: Hawaii State Department of Education, <<http://lilinode.k12.hi.us/STATE/COMM/DOEPRESS.NSF/a1d7af052e94dd120a2561f7000a037c/d6e6ba0a80a3d9510a2574c90005228e?OpenDocument>> accessed October 1, 2008.

**Table 3.13-- FEDERALLY-CONNECTED PUPILS IN PUBLIC SCHOOLS: FALL,  
1996 TO 2008**

<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

Source: Hawaii State Department of Education, records.

**Table 3.14-- HAWAII STATE HIGH SCHOOL GRADUATES BY PUBLIC AND PRIVATE HIGH SCHOOL: 1982 TO 2008**

<b>Year</b>	<b>Total graduates</b>	<b>Public school graduates</b>	<b>Private school graduates</b>
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

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

**Table 3.15-- PRIVATE SCHOOLS, TEACHERS, AND ENROLLMENT,  
1993-1994 TO 2007-2008, AND PRIVATE HIGH SCHOOL  
GRADUATES, 1991-1992 TO 2006-2007**

[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

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

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

**Table 3.16-- SELECTED CHARACTERISTICS OF PUBLIC SCHOOL TEACHERS:  
2001-2002 TO 2007-2008**

[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

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 on December 31, 2008.

**Table 3.17-- SELECTED CHARACTERISTICS OF PUBLIC SCHOOL STUDENTS:  
2001-2002 TO 2007-2008**

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

School year	Average daily attendance (percent)		Students who are not suspended 1/	9th grade retention rate 2/ (percent)	Dropout rate 3/ (percent)	Graduate on-time 4/ (percent)
	Elementary	Secondary				
2001-2002	94.5	92.2	93.5	13.9	(NA)	78.9
2002-2003	94.5	92.2	94.3	14.3	14.3	80.0
2003-2004	94.7	92.2	95.0	14.5	15.1	79.9
2004-2005	94.3	92.2	94.7	15.3	14.8	79.6
2005-2006	94.1	92.1	94.6	15.3	15.4	79.5
2006-2007	94.4	92.2	94.1	15.1	16.3	5/ 79.3
2007-2008	94.4	91.6	94.5	14.1	15.8	80.1

NA Not available.

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

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

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

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

5/ Revised from previous *Data Book*.

Source: Hawaii State Department of Education, *Trend Report: Educational and Fiscal Accountability*, various issues, <<http://arch.k12.hi.us/school/trends/trends.html#>> accessed on December 31, 2008.

**Table 3.18-- ETHNICITY OF PUBLIC SCHOOL STUDENTS AND  
TEACHERS: SCHOOL YEAR 2007-2008**

Ethnicity	Students (percent)	Teachers (percent)
Total	99.9	99.8
African-American	2.3	0.4
Caucasian	14.7	22.8
Chinese	3.2	3.9
Filipino	20.5	5.7
Hawaiian/Part-Hawaiian	27.6	9.4
Hispanic	3.2	0.2
Japanese	9.2	28.9
Korean	1.3	0.8
Native American	0.6	0.0
Samoan	3.4	0.3
Other	13.9	27.4

Source: State of Hawaii, Department of Education, *The Superintendent's Seventeenth Annual Report, 2008*  
Appendix C, Table 6, <[http://arch.k12.hi.us/state/superintendent\\_report/sar2008.html](http://arch.k12.hi.us/state/superintendent_report/sar2008.html)> accessed on April 7, 2009.

**Table 3.19-- SCHOLASTIC ASSESSMENT TEST SCORE AVERAGES:  
2002 TO 2008**

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

Year	Hawaii averages			U.S. averages		
	Math	Reading 1/	Writing	Math	Reading 1/	Writing
2002	520	488	(NA)	516	504	(NA)
2003	516	486	(NA)	519	507	(NA)
2004	514	487	(NA)	518	508	(NA)
2005	516	490	(NA)	520	508	(NA)
2006	509	482	472	518	503	497
2007	506	484	473	515	502	494
2008	502	481	470	515	502	494

NA Not available.

1/ Formerly verbal, before 2006.

Source: Hawaii State Department of Education, <<http://lilinode.k12.hi.us/STATE/COMM/DOEPRESS.NSF/a1d7af052e94dd120a2561f7000a037c/052a912f3e57f6450a2574b100688759?OpenDocument>> accessed September 22, 2008.

**Table 3.20-- TERRANOVA TEST RESULTS FOR PUBLIC SCHOOL GRADES 3, 4, 5, 6, 7, 8, AND 10: SPRING 2008**

[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>National norm</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	23	27	23	21	23	30	20	23
Average	54	53	57	58	65	53	62	61
High	23	20	19	21	12	17	18	17
Math:								
Low	23	26	24	22	27	28	24	25
Average	54	56	52	52	51	56	56	48
High	23	19	24	26	22	16	19	27

Source: Hawaii State Department of Education, <<http://lilinode.k12.hi.us/STATE/COMM/DOEPRESS.NSF/a1d7af052e94dd120a2561f7000a037c/f71c8fe519698e520a25748a000c9a70?OpenDocument>> accessed October 2, 2008.

**Table 3.21-- HAWAII STATE ASSESSMENT RESULTS FOR PUBLIC SCHOOL GRADES 3, 4, 5, 6, 7, 8, AND 10: SPRING 2008**

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

<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:							
Well below	17.3	19.6	23.6	23.2	22.1	20.7	22.8
Approaches	21.3	19.4	19.7	19.8	13.6	13.8	9.7
Meets	53.3	51.1	46.9	40.0	50.1	45.4	38.4
Exceeds	8.2	9.8	9.8	17.0	14.3	20.1	29.0
Tested	97.2	97.0	98.3	98.3	97.9	98.1	95.3
Math:							
Well below	11.0	20.8	32.9	33.3	39.2	41.3	42.2
Approaches	36.9	30.7	23.1	24.8	20.7	24.1	23.8
Meets	24.1	26.9	24.0	23.1	25.4	22.6	22.5
Exceeds	28.0	21.5	20.0	18.8	14.7	12.0	11.6
Tested	97.1	97.0	98.3	98.2	97.9	98.0	95.3

Source: Hawaii State Department of Education, <<http://lilinode.k12.hi.us/STATE/COMM/DOEPRESS.NSF/a1d7af052e94dd120a2561f7000a037c/f71c8fe519698e520a25748a000c9a70?OpenDocument>> accessed October 2, 2008.

**Table 3.22-- HEADCOUNT ENROLLMENT AT THE UNIVERSITY OF HAWAII, BY CAMPUS: FALL 1994 TO 2008**

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

Year	Total, all campuses	University of Hawaii at Manoa				Univ. of Hawaii at Hilo	Univ. of Hawaii- West Oahu	
		Total	Classified		Unclassi- fied 1/			
			Under- graduates	Gradu- ates				
1994	51,677	20,041	12,903	5,518	1,620	2,987	744	
1995	50,242	19,801	13,050	5,220	1,531	2,872	716	
1996	47,379	18,252	12,216	4,789	1,247	2,800	648	
1997	45,551	17,365	11,782	4,514	1,069	2,639	648	
1998	45,337	17,013	11,500	4,508	1,005	2,730	685	
1999	46,479	17,612	11,458	4,741	1,413	2,790	687	
2000	44,579	17,263	11,151	4,567	1,545	2,874	665	
2001	45,994	17,532	11,485	4,536	1,511	2,913	740	
2002	48,173	18,706	12,242	4,834	1,630	3,040	834	
2003	50,317	19,863	13,069	5,167	1,627	3,300	810	
2004	50,569	20,549	13,693	5,382	1,474	3,288	834	
2005	50,157	20,644	13,826	5,409	1,409	3,422	858	
2006	49,990	20,357	13,542	5,358	1,457	3,507	866	
2007	50,454	20,051	13,417	5,333	1,301	3,573	940	
2008	53,526	20,169	13,438	5,540	1,191	3,773	1,140	
	<b>UH Community Colleges</b>							
Year	Total	Honolulu	Kapiolani	Leeward	Windward	Hawaii	Kauai	Maui
1994	27,905	4,824	7,648	6,507	1,767	2,815	1,518	2,826
1995	26,853	4,445	7,329	6,368	1,674	2,811	1,461	2,765
1996	25,679	4,090	7,373	6,014	1,518	2,463	1,367	2,854
1997	24,899	3,970	7,189	5,936	1,513	2,221	1,283	2,787
1998	24,909	4,124	7,236	5,765	1,491	2,308	1,136	2,849
1999	25,390	4,769	7,254	5,570	1,514	2,279	1,142	2,862
2000	23,777	4,487	6,760	5,259	1,451	2,090	1,052	2,678
2001	24,809	4,653	7,081	5,562	1,554	2,075	1,185	2,699
2002	25,593	4,478	7,041	5,918	1,761	2,182	1,224	2,989
2003	26,344	4,238	7,491	6,201	1,873	2,346	1,210	2,985
2004	25,898	4,336	7,174	6,060	1,775	2,440	1,117	2,996
2005	25,233	4,183	7,289	5,709	1,713	2,377	1,059	2,903
2006	25,260	4,143	7,272	5,746	1,781	2,358	1,119	2,841
2007	25,890	4,027	7,517	5,887	1,824	2,603	1,051	2,981
2008	28,444	4,218	8,221	6,771	1,959	2,884	1,104	3,287

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

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

**Table 3.23-- DEGREES, DIPLOMAS, AND CERTIFICATES AWARDED BY  
THE UNIVERSITY OF HAWAII: 1996 TO 2008**

Year ended June 30	University of Hawaii at Manoa						Univ. of Hawaii-West Oahu: Bachelor's
	Bachelor's	Master's	Doctorate	First professional 1/	Other 2/	No data	
1996	2,782	1,053	186	122	285	-	199
1997	2,659	1,168	175	129	164	-	199
1998	2,528	932	161	128	81	-	147
1999	2,481	1,041	160	127	54	-	189
2000	2,508	1,040	152	129	112	1	196
2001	2,311	921	144	142	85	-	221
2002	2,326	837	105	135	51	-	179
2003	2,393	1,002	128	128	45	-	167
2004	2,543	965	109	146	96	-	212
2005	2,647	1,140	149	161	78	-	194
2006	2,837	1,163	147	174	80	-	265
2007	2,836	1,094	144	176	63	-	217
2008	2,994	1,141	193	176	62	-	180

Year ended June 30	University of Hawaii at Hilo			UH Community Colleges			
	Certificates 3/	Bachelor's degree	Master's 4/	Certificates 5/	Associate's degree	Bachelor's degree 6/	No data
1996	82	414	-	422	2,201	(X)	-
1997	45	421	-	372	2,304	(X)	-
1998	46	411	-	396	2,310	(X)	4
1999	31	419	-	371	2,244	(X)	11
2000	36	411	-	348	2,302	(X)	3
2001	33	419	-	325	2,209	(X)	1
2002	48	405	1	349	2,204	(X)	-
2003	36	450	16	336	2,375	(X)	-
2004	48	518	13	300	2,296	(X)	-
2005	41	453	3	325	2,346	(X)	-
2006	59	537	18	342	2,295	(X)	-
2007	40	530	22	317	2,393	3	-
2008	38	522	28	380	2,280	2	-

X Not applicable.

1/ Includes Doctor of Jurisprudence (J.D.) and Doctor of Medicine (M.D.). Effective 1999, also includes Doctor of Architecture (DArch).

2/ Certificates in Dental Hygiene (1995-1998) and professional diplomas.

3/ Professional Certificates in Education. Postbaccalaureate certificate in Indigenous Teacher Education added in January 2003.

4/ MA in Hawaiian Language and Literature added in Fall 1997. Med in Education added in Fall 2000. MA in China-US Relations added in Fall 2002. MA in Counseling Psychology added in Fall 2003. MS in Tropical Conservation Biology added in Fall 2004.

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

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

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

**Table 3.24-- UNIVERSITY OF HAWAII CURRICULA, TUITION, FINANCES,  
AND FACULTY AND STAFF: 2006 TO 2008**

Subject	2006	2007	2008
Curricula offered at Manoa Campus,	285	288	290
Bachelor's degree programs	87	87	87
Master's degree programs	85	83	84
Doctoral programs	51	51	51
Other programs 1/	62	67	68
Tuition per semester (full-time undergraduate, regular session) (dollars): 2/			
Manoa Campus: Resident	2,160	2,568	2,976
Nonresident	6,096	7,200	8,304
Hilo: Resident	1,500	1,764	2,028
Nonresident	4,776	5,532	6,288
West Oahu: Resident	1,368	1,608	1,848
Nonresident	4,392	5,088	5,784
Community colleges: Resident 3/	672	756	852
Nonresident 3/	3,043	3,182	3,333
Finances, fiscal year ending June 30:			
Current fund revenues (\$1,000)	1,149,338	(NA)	1,368,302
Current fund expenditures (\$1,000)	1,024,259	(NA)	1,303,705
Faculty and staff, October 4/	9,492	9,769	10,092
Board of Regents appointees	7,844	8,103	8,417
Full-time	5,246	5,525	5,781
Part-time	2,598	2,578	2,636
Civil Service personnel	1,648	1,666	1,675
Full-time	1,581	1,606	1,612
Part-time	67	60	63

NA Not available.

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

2/ Per-semester tuition data are reported by academic years (e.g. 2002 = AY 2002-2003). Data reported are tuition only and do not include required student fees.

3/ Community Colleges tuition is charged on a per-credit basis for all enrolled credits. The amount shown here is based on 12 enrolled credits, and shown for comparative purposes only.

4/ Includes persons on leave without pay.

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

**Table 3.25-- ENROLLMENT AND EARNED DEGREES CONFERRED, FOR PRIVATE COLLEGES AND UNIVERSITIES: 2003 TO 2008**

[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
2003, total	13,361	11,517	1,844	355	1,907	512
Brigham Young	2,581	2,581	-	4	536	-
Chaminade	2,880	2,201	679	155	333	159
Hawaii Pacific	7,900	6,735	1,165	196	1,038	353
2004, total	12,893	11,008	1,885	310	1,994	585
Brigham Young	2,341	2,341	-	6	545	-
Chaminade	2,752	2,052	700	135	310	251
Hawaii Pacific	7,800	6,615	1,185	169	1,139	334
2005, total	13,223	11,383	1,840	378	1,839	600
Brigham Young	2,341	2,341	-	4	551	-
Chaminade	2,836	2,131	705	171	276	258
Hawaii Pacific	8,046	6,911	1,135	203	1,012	342
2006, total	13,241	11,323	1,918	386	1,931	571
Brigham Young	2,414	2,414	-	2	526	-
Chaminade	2,747	2,053	694	167	338	225
Hawaii Pacific	8,080	6,856	1,224	217	1,067	346
2007, total						
Brigham Young	2,312	2,312	-	4/ 6	4/ 557	-
Chaminade	2,701	2,020	681	146	315	272
Hawaii Pacific	7,943	6,675	1,268	170	1,017	291
2008, total						
Brigham Young	2,309	2,309	-	6	569	-
Chaminade	2,691	1,973	718	126	346	230
Hawaii Pacific	8,293	7,113	1,180	194	1,088	356

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.

4/ Revised from previous *Data Book*.

Source: Hawaii State Department of Business, Economic Development & Tourism, annual mail and survey of school officials.

**Table 3.26-- RESIDENCE AND MIGRATION OF FRESHMEN STUDENTS IN INSTITUTIONS OF HIGHER EDUCATION AND FRESHMEN STUDENTS GRADUATING FROM HIGH SCHOOL IN THE PAST 12 MONTHS: FALL 2004**

Category	Freshman students 1/	Freshmen students 2/	
		Total	In 4-year colleges
Students enrolled in state 3/	8,492	5,955	3,144
Students residents of state 4/	8,832	6,755	4,007
Students remaining in state 5/	6,057	4,540	1,858
Migration of students:			
Out of state	2,775	2,215	2,149
Into state	2,435	1,415	1,286
Net migration	-340	-800	-863

1/ Freshman students who are enrolled at the reporting institution for the first time.

2/ Freshman students, graduating from high school in the past 12 months, who are enrolled at the reporting institution for the first time.

3/ New students, whether in-migrants or "remaining."

4/ New students residing in Hawaii when first admitted to the reporting institution, whether in Hawaii or on the Mainland.

5/ New students attending institutions in their home state.

Source: U.S. Department of Education, National Center for Education Statistics, Institute of Education Sciences, *Digest of Education Statistics 2007* (2008-022), March 2008, Tables 213-215, <<http://nces.ed.gov/pubs2008/2008022.pdf>> accessed December 3, 2008.

**Table 3.27-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY  
SYSTEM: 2002 TO 2007**

Subject	2002	2003	2004	2005	2006	2007
Library locations, June 30						
State	50	50	51	51	51	51
Oahu	23	23	24	24	24	24
Other islands	27	27	27	27	27	27
Personnel, June 30 1/	520.05	525.05	534.55	553.55	554.55	555.55
Hours open 2/	53	40	42	91,993	95,761	94,467
Collections, June 30 (1,000)	3,355	3,281	3,490	3,576	3,644	3,756
Circulation, year ended June 30 (1,000)	7,156	6,723	6,258	6,479	6,634	6,792
Customer visits (1,000)	5,590	5,859	5,506	5,605	5,278	5,729
Reference questions (1,000)	1,147	982	871	877	915	851
Public computers	(NA)	(NA)	(NA)	511	518	495
Internet users	118,820	331,240	342,316	404,456	436,436	473,980
Library programs 3/ Attendance	9,632 236,807	9,336 237,120	2,202 79,636	2,579 105,745	2,667 114,780	4,763 151,425
Group visits Attendance	(NA) (NA)	(NA) (NA)	(NA) (NA)	2,796 67,770	3,448 78,143	2,445 55,564

NA Not available.

1/ Fiscal year 2001-2006 amended to reflect program appropriations from session laws, data may not be comparable to previous *Data Books*.

2/ For fiscal year 2001-2004 regular weekly totals for Hawaii State Library, Honolulu. Beginning in fiscal year 2005, the total annual service hours for all Hawaii State Public Library System libraries are included.

3/ Effective fiscal year 2004, group visit statistics are not included in total.

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

**Table 3.28-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY SYSTEM,  
BY ISLAND: 2007**

[As of June 30]

<b>Island</b>	<b>Library locations</b>	<b>Personnel 1/</b>	<b>Circulation</b>	
Total system	51	555.55	6,792,458	
Oahu	24	(NA)	4,539,057	
Other islands	27	(NA)	2,253,401	
Hawaii	13	(NA)	1,115,116	
Kauai	6	(NA)	476,089	
Maui 2/	8	(NA)	662,196	
	<b>Collections</b>			
<b>Island</b>	<b>Books</b>	<b>Periodical subscriptions</b>	<b>DVDs and video tapes</b>	<b>Sound recordings</b>
Total system	3,396,196	4,517	119,191	240,856
Oahu	2,201,506	2,302	61,734	79,213
Other islands	1,162,620	2,130	56,885	52,339
Hawaii	503,674	891	23,504	23,117
Kauai	262,229	463	15,355	9,435
Maui 2/	396,717	776	18,026	19,787
Library for the Blind and Physically Handicapped 3/	32,070	85	572	109,304

NA Not available.

1/ In fiscal year 2005 amended to reflect program appropriations from session laws, data may not be comparable to previous *Data Books*.

2/ Includes libraries on Lanai (1 location), Maui (6 locations), and Molokai (1 location).

3/ Books include braille. Sound recordings include talking books, magnetic tape, record cassettes, and L.P. records.

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

**Table 3.29-- UNIVERSITY OF HAWAII LIBRARY SYSTEM HOLDINGS AND CIRCULATION,  
BY CAMPUS: 2007 AND 2008**

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/	
	2007	2008	2007	2008	2007	2008	2007	2008
All campuses	3/ 4,337,384	4,179,366	685,995	609,014	(NA)	4/ 367,238	(NA)	2,350,405
UH Manoa, total	3/ 3,691,338	3,508,985	496,880	453,379	(NA)	4/ 268,076	(NA)	1,894,763
University of Hawaii at Manoa	3,323,885	3,366,361	492,065	448,565	(NA)	192,753	(NA)	912,391
UH Manoa Law Library 5/	340,315	115,042	4,478	4,380	(NA)	133,532	(NA)	235,522
UH Manoa Health Sciences Library 6/	3/ 27,138	27,582	337	434	(NA)	64,119	(NA)	746,850
University of Hawaii-West Oahu	27,407	27,899	2,462	2,620	(NA)	81,703	(NA)	36,071
University of Hawaii at Hilo 7/	234,412	237,950	111,098	63,738	(NA)	74,724	(NA)	127,410
UH Center West Hawaii	5,409	5,303	765	974	(NA)	61,165	(NA)	1,983
Community colleges, total 7/	378,818	399,229	74,790	88,303	(NA)	4/ 126,227	(NA)	290,178
Honolulu	60,596	60,194	11,786	13,597	(NA)	61,166	(NA)	25,013
Kapiolani	74,023	74,456	18,656	26,083	(NA)	62,923	(NA)	140,848
Leeward	71,203	90,745	15,285	15,365	(NA)	68,519	(NA)	74,201
Windward	48,560	49,199	8,074	7,494	(NA)	68,518	(NA)	20,815
Kauai	62,864	62,782	5,597	4,287	(NA)	62,366	(NA)	(NA)
Maui 8/	61,572	61,853	15,392	21,477	(NA)	108,554	(NA)	29,301

NA Not available.

1/ Number of volumes excludes microforms.

2/ Electronic titles include books, journals, databases.

3/ Revised from previous *Data Book*.

4/ Number of total counts consortially purchased titles only once.

5/ Law Library volumes for 2008 exclude microform equivalents reported in previous years.

6/ John A. Burns School of Medicine. Number of volumes for 2007 corrected.

7/ Hawaii Community College is included with the University of Hawaii at Hilo.

8/ Maui volumes includes holdings in Molokai, Lanai and Hana.

Source: University of Hawaii at Manoa Library records.

## Section 4

# LAW ENFORCEMENT, COURTS, AND PRISONS

Statistics in this section refer to crimes known to the police, stolen property, arrests, police personnel, attorneys, the judiciary system, prisons, and correctional facilities.

Statistics on law enforcement, courts, and prisons in Hawaii appear in the annual reports of the county police departments, the Hawaii State Judiciary, the Hawaii State Department of Public Safety, and the Administrative Office of the United States Courts. The Hawaii State Department of the Attorney General issues semi-annual crime summary reports. Figures on crime, the courts, and corrections in earlier years appear in *Historical Statistics of Hawaii*, Section 10. National data are summarized in the *Statistical Abstract of the United States: 2009*, Section 5.

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

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

Narrative

<a href="#">04.01</a>	Actual Index Offenses Known to the Police, by County: 1993 to 2007
<a href="#">04.02</a>	Actual Index Offenses Known to the Police, by Type of Offense, for the State of Hawaii: 1998 to 2007
<a href="#">04.03</a>	Actual Offenses Known to Police and Offenses Cleared by Arrest or Otherwise, by Class of Offense: 1993 to 2007
<a href="#">04.04</a>	Actual Offenses Known to Police, by Class of Offense, by County: 2006 and 2007
<a href="#">04.05</a>	Actual Index Offenses Known to Police and Index Offenses Cleared by Arrest or Otherwise, for the State and Oahu: 2006 and 2007
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<a href="#">04.09</a>	Child Abuse and Neglect Reports: 1975 to 2007
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<a href="#">04.22</a>	Inmate Population at Contracted Facilities in Other States: 1997 to 2008
<a href="#">04.23</a>	Hawaii Paroling Authority Statistical Summary: 2005 to 2008

**Table 4.01-- ACTUAL INDEX OFFENSES KNOWN TO THE POLICE,  
BY COUNTY: 1993 TO 2007**

[Index Offenses include murder, forcible rape, robbery, aggravated assault, burglary, larceny-theft, and motor vehicle theft. Excludes arson in the Index Offenses total. Actual offenses include reported or known offenses, less unfounded cases. Figures revised from *Data Books* prior to 2000 to exclude negligent manslaughter]

Year	State total		City and County of Honolulu	Hawaii County	Kauai County	Maui County
	Number	Rate 1/				
1993	73,566	62.7	56,405	6,880	2,346	7,935
1994	78,763	66.3	60,825	7,116	2,365	8,457
1995	85,447	71.4	67,145	7,074	2,637	8,591
1996	77,961	64.8	60,059	6,855	2,977	8,070
1997	71,492	59.0	53,410	7,317	2,849	7,916
1998	63,623	52.4	47,453	6,757	2,263	7,150
1999	57,324	47.4	42,678	5,815	2,076	6,755
2000	62,987	52.0	46,659	6,425	2,578	7,325
2001	65,947	54.1	48,442	6,985	2,346	8,174
2002	75,238	61.3	57,271	6,936	3,045	7,986
2003	69,267	55.9	50,912	7,133	3,043	8,179
2004	63,665	50.9	46,628	6,219	2,701	8,117
2005	64,067	50.7	44,953	8,278	2,221	8,615
2006	58,347	45.8	41,055	6,760	2,711	7,821
2007	56,411	44.2	39,810	6,369	3,008	7,224

1/ Annual rate per 1,000 resident population based on July 1 estimates by the U.S. Census Bureau, as revised through Dec. 22, 2008. Rates for 2000 and beyond may differ from previous *Data Books* due to revisions to these population figures. Population estimates for 1991 through 1999 were revised based upon the April 1, 2000 figures which were released April 19, 2002. Rates may also differ from those released by the Department of the Attorney General due to these population revisions.

Source: Hawaii State Department of the Attorney General, Crime Prevention and Justice Assistance Division, Uniform Crime Reports (annual) <<http://hawaii.gov/ag/cpja/main/rs/Folder.2005-12-05.2910/>> accessed February 20, 2009 and records; 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: 1998 TO 2007**

[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. Figures revised from *Data Books* prior to 2000 to exclude negligent manslaughter. Excludes arson in the Index Offenses total]

Offense	1998	1999	2000	2001	2002
All Index Offenses (excluding arson)	63,623	57,324	62,987	65,947	75,238
Murder	24	44	35	32	24
Forcible rape	352	354	346	409	372
Robbery	1,225	1,044	1,123	1,142	1,210
Aggravated assault	1,345	1,343	1,450	1,534	1,656
Burglary	11,169	9,421	10,665	11,162	12,722
Larceny-theft	43,914	40,458	43,254	44,925	49,344
Motor vehicle theft	5,594	4,660	6,114	6,743	9,910
Arson	374	352	389	517	527
Offense	2003	2004	2005	2006	2007
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

Source: Hawaii State Department of the Attorney General, Crime Prevention and Justice Assistance Division, *Crime in Hawaii 2007* <<http://hawaii.gov/ag/cpja/main/rs/Folder.2005-12-05.2910/cih2007/>> accessed February 20, 2009 and records.

**Table 4.03-- ACTUAL OFFENSES KNOWN TO POLICE AND OFFENSES CLEARED BY ARREST OR OTHERWISE, BY CLASS OF OFFENSE: 1993 TO 2007**

[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 1/		Clearances per 100 offenses 1/	
	Index Offenses 2/	Part II, except traffic 3/	Index Offenses 2/	Part II, except traffic 3/	Index Offenses 2/	Part II, except traffic 3/
1993	73,566	115,495	11,234	74,478	15.3	64.5
1994	78,763	118,942	12,131	75,843	15.4	63.8
1995	85,447	121,629	11,613	80,461	13.6	66.2
1996	77,961	115,435	12,292	79,523	15.8	68.9
1997	71,492	117,354	12,651	4/ 85,606	17.7	4/ 72.9
1998	63,623	109,183	12,023	72,564	18.9	66.5
1999	57,324	107,135	9,947	70,826	17.4	66.1
2000	62,987	113,060	8,998	72,075	5/ 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	111,368	(NA)	(NA)	12.0	(NA)
2007	56,411	114,335	(NA)	(NA)	13.4	(NA)

NA Not available.

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

2/ Index Offenses include murder, forcible rape, robbery, aggravated assault, burglary, larceny-theft, and motor vehicle theft. Figures revised from *Data Books* prior to 2000 to exclude negligent manslaughter. Excludes arson.

3/ Part II data include all offenses, except traffic, that are not included in the Index Offenses. The list of these Part II offenses include other assault, disorderly conduct, driving under the influence, drug abuse violations, embezzlement, forgery and counterfeiting, fraud, gambling, liquor laws, manslaughter by negligence, offenses against the family and children, prostitution and commercialized vice, sex offenses, stolen property, vagrancy, vandalism, and weapons offenses.

4/ A special effort by the Hawaii County Police Department to close cases which were referred to the Prosecutor dating back to 1984 resulted in a greater number of Part II clearances than would normally be expected.

5/ Revised from previous *Data Book*.

Source: Hawaii State Department of the Attorney General, Crime Prevention and Justice Assistance Division, Uniform Crime Reports (annual) <<http://hawaii.gov/ag/cpja/main/rs/Folder.2005-12-05.2910/>> accessed February 20, 2009 and records.

**Table 4.04-- ACTUAL OFFENSES KNOWN TO POLICE, BY CLASS  
OF OFFENSE, BY COUNTY: 2006 AND 2007**

[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>
2006, total	58,347	111,368
Honolulu	41,055	65,643
Hawaii	6,760	17,133
Kauai	2,711	5,640
Maui	7,821	22,952
2007, total	56,411	114,335
Honolulu	39,810	67,108
Hawaii	6,369	17,889
Kauai	3,008	5,348
Maui	7,224	23,990

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, *Crime in Hawaii 2007* <<http://hawaii.gov/ag/cpja/main/rs/Folder.2005-12-05.2910/cih2007/>> accessed February 20, 2009 and records.

**Table 4.05-- ACTUAL INDEX OFFENSES KNOWN TO POLICE AND INDEX OFFENSES CLEARED BY ARREST OR OTHERWISE, FOR THE STATE AND OAHU: 2006 AND 2007**

[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
2006 All Index Offenses, total (excluding arson) 2/	58,347	41,055	12.0	10.3
Murder	22	17	77.3	70.6
Forcible rape	364	229	48.1	47.6
Robbery	1,150	956	24.5	22.0
Aggravated assault	2,103	1,543	42.6	36.4
Burglary	8,755	5,482	7.3	4.6
Larceny-theft	38,234	26,540	11.1	10.0
Motor vehicle theft	7,719	6,288	9.4	6.8
Arson	696	588	5.3	2.9
2007 All Index Offenses, total (excluding arson) 2/	56,411	39,810	13.4	11.6
Murder	25	19	88.0	89.5
Forcible rape	377	226	55.2	61.5
Robbery	1,122	943	27.8	26.2
Aggravated assault	2,021	1,425	44.5	38.7
Burglary	9,089	5,777	7.3	4.6
Larceny-theft	37,494	26,483	12.7	11.3
Motor vehicle theft	6,283	4,937	10.9	8.3
Arson	554	407	9.6	3.7

1/ Includes offenses committed in prior years.

2/ Excludes arson in the All Index Offenses total.

Source: Hawaii State Department of the Attorney General, Crime Prevention and Justice Assistance Division, *Crime in Hawaii 2007* <<http://hawaii.gov/ag/cpja/main/rs/Folder.2005-12-05.2910/cih2007/>> accessed February 20, 2009 and records.

**Table 4.06--REPORTED OFFENSES, BY HONOLULU  
POLICE DISTRICT: 2006 AND 2007**

[Reported offenses include unfounded complaints, which are screened out in the counting of actual offenses. Counts of reported offenses are a common measure of workload. Offenses for which no police district was listed are not shown in this table]

<b>Offense</b>	<b>Central Honolulu</b>	<b>Wahia-wa</b>	<b>Pearl City</b>	<b>Kailua-Kaneohe-Kahuku</b>	<b>Kalihi</b>	<b>Waikiki</b>	<b>East Honolulu</b>	<b>Kapolei-Waianae</b>
2006, total	7,026	3,587	6,598	4,518	5,301	3,771	4,982	5,716
Murder	5	-	2	-	1	1	3	7
Forcible rape	19	28	43	33	38	24	17	39
Robbery	197	87	150	53	148	105	91	126
Aggravated assault	288	130	165	173	255	144	118	275
Burglary	488	511	926	691	626	479	870	948
Larceny-theft	5,144	2,196	3,833	3,051	3,244	2,776	3,178	3,382
Motor vehicle theft	885	635	1,479	517	989	242	705	939
2007, total	6,954	2,825	6,429	4,386	5,236	4,060	5,336	5,116
Murder	1	2	1	2	5	1	1	7
Forcible rape	22	23	26	31	34	28	19	45
Robbery	172	53	163	70	154	135	76	121
Aggravated assault	248	121	153	128	262	137	110	280
Burglary	519	558	895	717	676	446	857	1,196
Larceny-theft	5,194	1,728	4,128	2,951	3,338	3,037	3,587	2,832
Motor vehicle theft	798	340	1,063	487	767	276	686	635

Source: City and County of Honolulu, Honolulu Police Department, *2007 Annual Report* <<http://www.honolulu.org/download/HPD2007AnnualReport.pdf>> accessed June 10, 2008 and records.

**Table 4.07-- PERSONS ARRESTED FOR INDEX AND PART II OFFENSES,  
BY AGE AND SEX, AND BY COUNTY: 2006**

Subject	State total	Honolulu	Hawaii	Maui	Kauai
INDEX OFFENSES 1/					
Total	6,648	4,055	1,048	1,122	423
Juveniles	1,932	1,161	311	332	128
Male	1,362	798	204	270	90
Female	570	363	107	62	38
Adults	4,716	2,894	737	790	295
Male	3,609	2,269	521	610	209
Female	1,107	625	216	180	86
PART II OFFENSES 2/					
Total	53,017	34,990	7,935	7,077	3,015
Juveniles	10,464	7,186	1,657	638	983
Male	6,135	4,328	853	406	548
Female	4,329	2,858	804	232	435
Adults	42,553	27,804	6,278	6,439	2,032
Male	34,192	22,713	4,823	5,086	1,570
Female	8,361	5,091	1,455	1,353	462

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 2006* <<http://hawaii.gov/ag/cpja/main/rs/Folder.2005-12-05.2910/Crime%20in%20Hawaii%202006%20%28Annual%29/Crime%20in%20Hawaii%202006.pdf>> accessed November 14, 2008.

**Table 4.08-- PERSONS ARRESTED FOR INDEX AND PART II OFFENSES,  
BY AGE AND SEX, AND BY COUNTY: 2007**

Subject	State total	Honolulu	Hawaii	Maui	Kauai
INDEX OFFENSES 1/					
Total	7,370	4,465	1,238	1,146	521
Juveniles	2,181	1,363	334	310	174
Male	1,471	897	236	231	107
Female	710	466	98	79	67
Adults	5,189	3,102	904	836	347
Male	3,835	2,357	632	590	256
Female	1,354	745	272	246	91
PART II OFFENSES 2/					
Total	56,331	37,283	8,320	7,894	2,834
Juveniles	11,249	7,643	1,672	1,027	907
Male	6,520	4,417	890	690	523
Female	4,729	3,226	782	337	384
Adults	45,082	29,640	6,648	6,867	1,927
Male	35,843	23,979	5,116	5,286	1,462
Female	9,239	5,661	1,532	1,581	465

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 2007* <<http://hawaii.gov/ag/cpja/main/rs/Folder.2005-12-05.2910/cih2007/>> accessed February 20, 2009.

**Table 4.09-- CHILD ABUSE AND NEGLECT REPORTS: 1975 TO 2007**

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

Source: Hawaii State Department of Human Services, Management Services Office, *A Statistical Report on Child Abuse and Neglect in Hawaii* (annual)  
<[http://www.hawaii.gov/dhs/protection/social\\_services/child\\_welfare/ChildAbuse](http://www.hawaii.gov/dhs/protection/social_services/child_welfare/ChildAbuse)> accessed January 15, 2009.

**Table 4.10-- CHARACTERISTICS OF CHILD ABUSE AND NEGLECT  
VICTIMS: 2004 TO 2007**

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

Subject	2004	2005	2006	2007
Total	3,238	2,577	1,882	2,032
Type 1/ Physical abuse	377	281	221	228
Neglect	530	408	283	255
Medical neglect	61	55	31	40
Sexual abuse	206	132	92	120
Psychological abuse	50	23	33	22
Threatened harm	2,830	2,322	1,734	1,876
County				
Hawaii	740	576	412	429
Honolulu	2,068	1,646	1,218	1,302
Kauai	119	90	83	81
Maui	311	265	169	220
Victim characteristics				
Age (percent)				
Less than one year to 4 years	39.7	41.5	39.9	40.7
5 to 11 years	34.4	32.8	31.5	32.0
12 to 17 years	25.4	25.2	27.9	26.9
Unknown	0.6	0.5	0.7	0.4
Females (percent)	51.1	51.5	50.8	50.8
Race (percent)				
Hawaiian or part Hawaiian	37.7	40.8	37.9	30.6
Mixed	13.5	13.6	14.8	16.7
White	10.2	9.4	10.9	10.8
Filipino	7.0	7.5	6.5	7.2
Other 2/	14.2	13.0	15.4	12.7
Unknown/Unable to determine	17.3	15.8	14.5	22.0

1/ Each type of abuse and neglect is counted only once, regardless of how many times they have been reported. Each child may have one or more types of abuse in the report year, however, so the sum of the types exceeds the total unduplicated count of children whose reports were confirmed.

2/ Includes Hispanic/Spanish.

Source: Hawaii State Department of Human Services, Management Services Office, *A Statistical Report on Child Abuse and Neglect in Hawaii* (annual)

<[http://www.hawaii.gov/dhs/protection/social\\_services/child\\_welfare/ChildAbuse](http://www.hawaii.gov/dhs/protection/social_services/child_welfare/ChildAbuse)> accessed January 15, 2009.

**Table 4.11-- VALUE OF PROPERTY REPORTED STOLEN AND VALUE OF STOLEN PROPERTY RECOVERED, BY CATEGORY: 1990 TO 2007**

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

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://hawaii.gov/ag/cpja/main/rs/Folder.2005-12-05.2910/>> accessed February 20, 2009.

**Table 4.12-- VALUE OF PROPERTY STOLEN AND VALUE OF STOLEN PROPERTY RECOVERED, BY COUNTY: 2006 AND 2007**

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

Subject	State total	Honolulu	Hawaii	Maui	Kauai
2006					
Value of property stolen	105,537.0	73,734.7	9,350.0	19,555.0	2,897.3
Motor vehicles	48,313.1	35,853.0	3,201.5	8,280.0	978.5
Other property	57,223.9	37,881.6	6,148.5	11,275.0	1,918.8
Value of stolen property recovered 1/	32,880.5	23,652.9	1,806.9	6,522.6	898.1
Motor vehicles	27,863.5	20,631.8	1,684.4	4,728.0	819.3
Other property	5,017.0	3,021.1	122.5	1,794.6	78.8
Percent of value recovered	31.2	32.1	19.3	33.4	31.0
Motor vehicles	57.7	57.5	52.6	57.1	83.7
Other property	8.8	8.0	2.0	15.9	4.1
2007					
Value of property stolen	95,239.2	70,418.5	9,328.6	11,468.7	4,023.3
Motor vehicles	37,647.4	29,371.6	2,702.6	4,352.4	1,220.8
Other property	57,591.8	41,047.0	6,626.0	7,116.3	2,802.6
Value of stolen property recovered 1/	27,241.9	21,273.4	1,403.9	3,498.0	1,066.6
Motor vehicles	24,008.8	18,987.8	1,357.1	2,700.1	963.7
Other property	3,233.2	2,285.6	46.8	797.9	102.9
Percent of value recovered	28.6	30.2	15.0	30.5	26.5
Motor vehicles	63.8	64.6	50.2	62.0	78.9
Other property	5.6	5.6	0.7	11.2	3.7

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, *Crime in Hawaii 2006* <<http://hawaii.gov/ag/cpja/main/rs/Folder.2005-12-05.2910/Crime%20in%20Hawaii%202006%20%28Annual%29/Crime%20in%20Hawaii%202006.pdf>> accessed November 14, 2008 and *Crime in Hawaii 2007* <<http://hawaii.gov/ag/cpja/main/rs/Folder.2005-12-05.2910/cih2007/>> accessed February 20, 2009.

**Table 4.13-- CRIME RATES FOR THE UNITED STATES AND HAWAII:  
2006 AND 2007**

[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	
	2006	2007	2006	2007
Violent crime	473.6	466.9	283.1	276.2
Property crime	3,334.5	3,263.5	4,255.8	4,119.3

Source: U.S. Department of Justice, Federal Bureau of Investigation, Criminal Justice Information Services *2007 Crime in the U.S.*, Table 4 <[http://www.fbi.gov/ucr/cius2007/data/table\\_04.html](http://www.fbi.gov/ucr/cius2007/data/table_04.html)> accessed February 26, 2009; Hawaii State Department of the Attorney General, Crime Prevention and Justice Assistance Division, *Crime in Hawaii 2006* and *Crime in Hawaii 2007* <<http://hawaii.gov/ag/cpja/main/rs/Folder.2005-12-05.2910/>> accessed February 20, 2009.

**Table 4.14-- AUTHORIZED POLICE PERSONNEL, BY COUNTY: 2008**

[As of December 31]

<b>Status</b>	<b>State total</b>	<b>Honolulu</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui</b>
Total	4,563	3,189	635	228	511
Sworn, active	3,083	2,134	432	150	367
Sworn, reserve	135	100	35	-	-
Training pool	407	375	32	-	-
Not sworn (civilian)	937	579	136	78	144
Police radio dispatcher	245	1/ 143	32	20	50
Other	1	1	-	-	-

1/ Excludes operators who handle 911 calls only.

Source: County police departments, records.

**Table 4.15-- COURTS, JUDGES, MAGISTRATES, AND ATTORNEYS:  
2006 TO 2008**

[As of June 30]

Subject	2006	2007	2008
Federal judges and magistrates: 1/			
U.S. Bankruptcy Court	1	1	1
U.S. District Court	7	7	7
State justices and judges: 1/			
Supreme Court	5	5	5
Intermediate Court of Appeals	6	6	6
Circuit Courts 2/	33	33	33
Assigned to Family Court	3	3	3
District Courts 3/	36	36	37
Assigned to Family Court	15	15	16
Land Court	(4/)	(4/)	(4/)
Tax Appeal Court	(4/)	(4/)	(4/)
Attorneys licensed in Hawaii (includes judges)	6,930	7,053	7,236
Active	4,553	4,726	4,732
Inactive	2,377	2,327	2,504

1/ Authorized full-time positions.

2/ Includes judges assigned to the Family Court, a division of the Circuit Courts. In addition, Circuit Court judges may be assigned to hear matters before the Land Court and Tax Appeal Court, both of which are specialized courts separate from the Circuit Courts. There are four Circuit Courts, convened in five locations.

3/ Includes judges assigned to the Family Courts, a division of the Circuit Courts. There are four District Courts, one in each of the four judicial circuits, convened in 22 locations.

4/ Caseload assigned to Circuit Court judges.

Source: Office of the Clerk, U.S. District Court, records; Office of the Administrative Director of the Courts, State Judiciary, records; Hawaii State Bar Association, records.

**Table 4.16-- UNITED STATES DISTRICT COURT CASES:  
2004 TO 2008**

[Fiscal year ending September 30]

Subject	2004	2005	2006	2007	2008
Civil cases					
Commenced (filings)	772	791	726	663	578
Terminated	812	783	739	758	671
Pending 1/	747	759	720	2/ 630	537
Criminal cases					
Commenced (filings)	479	572	377	364	567
Terminated	439	701	426	391	645
Pending 3/	625	708	488	2/ 520	442
Bankruptcy					
Commenced (filings)	3,237	3,716	2,233	1,281	1,810
Business	51	72	43	46	67
Nonbusiness	3,186	3,644	2,190	1,235	1,743
Terminated	3,459	3,280	3,419	1,482	1,575
Pending	2,279	2,717	1,533	2/ 1,335	1,570

1/ Excludes asbestos cases transferred to the Pennsylvania Eastern District Court under Order 875 of the Judicial Panel on Multidistrict Litigation.

2/ Revised from previous *Data Book*.

3/ Excludes each case in which the defendant has been a fugitive since before October 1st of the previous year. However, no case with multiple defendants has been excluded unless all defendants in the case have been fugitives since before October 1st of the previous year. Includes all felony and Class A misdemeanor cases, but includes only those petty offense cases that have been assigned to District judges.

Source: Administrative Office of the United States Courts, *Judicial Business of the United States Courts Annual Report of the Director* (annual) <<http://www.uscourts.gov/judbus2008/contents.cfm>> accessed April 1, 2009.

**Table 4.17-- UNITED STATES BANKRUPTCY COURT CASES FILED UNDER CHAPTER 7, 11 AND 13 OF THE BANKRUPTCY CODE: 1997 TO 2008**

[Based upon original chapter designation at the time the case is originally filed. Table includes cases filed in 2008 which were on the caseload as of December 31, 2008]

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
1997	3,956	124	3,832	46	41	5	454	19	435
1998	5,265	79	5,186	27	24	3	518	6	512
1999	4,882	59	4,823	30	29	1	500	6	494
2000	4,012	44	3,968	34	22	12	486	3	483
2001	4,497	39	4,458	22	20	2	506	2	504
2002	4,032	36	3,996	20	18	2	432	-	432
2003	3,293	39	3,254	29	25	4	459	2	457
2004	2,714	29	2,685	18	12	6	366	4	362
2005	4,125	62	4,063	17	15	2	340	3	337
2006 4/	793	16	777	9	6	3	151	1	150
2007	1,127	40	1,087	15	13	2	242	2	240
2008	1,618	53	1,565	23	21	2	436	8	428

1/ Chapter 7 cases involve the bankruptcy trustee's gathering and sale of the debtor's nonexempt assets, from which holders of claims will receive distributions in accordance with the provisions of the Bankruptcy Code. (Excerpt taken from Bankruptcy Division Public Information Series, Administrative Office of the United States Courts)

2/ Chapter 11 is the business reorganization chapter. This type of bankruptcy is used primarily by businesses which wish to reorganize and continue in operations after bankruptcy. The business is allowed to continue operations during the pendency of the case and a trustee is appointed only upon motion of a creditor or party in interest. The debtor is required to file a plan of reorganization. Creditors may vote on the plan and the court is required to approve it. (United States Bankruptcy Court of the District of Hawaii)

3/ Chapter 13 is designed for individuals with regular income who desire to pay their debts but are currently unable to do so. The primary benefit of Chapter 13 relief is the ability to repay creditors, in full or in part, in installments over a three to five year period, during which time creditors are prohibited from starting or continuing collection efforts. (Excerpt taken from Bankruptcy Division Public Information Series, Administrative Office of the United States Courts)

4/ On April 20, 2005, President Bush signed into law the Bankruptcy Abuse Prevention and Consumer Protection Act of 2005 ("BAPCPA"). BAPCPA made substantial changes to the Bankruptcy Code. Most BAPCPA changes apply only to cases file on or after October 17, 2005. (Excerpt taken from Bankruptcy Division Public Information Series, Administrative Office of the United States Courts)

Source: United States Bankruptcy Court of the District of Hawaii, records; Administrative Office of the United States Courts, *Bankruptcy Basics*

<<http://www.uscourts.gov/bankruptcycourts/bankruptcybasics.html>> accessed January 12, 2007.

**Table 4.18-- STATE JUDICIARY CASES FILED, BY TYPE OF ACTION:  
2006 TO 2008**

[Fiscal year ending June 30]

Court and type of action	2006	2007	2008
Supreme Court 1/	3,091	477	367
Primary cases	321	102	110
Appeals	269	33	38
Original proceedings	52	69	72
Supplemental proceedings	2,770	375	257
Intermediate Court of Appeals 2/	514	2,794	2,704
Primary cases	319	522	525
Appeals	319	522	525
Supplemental proceedings	195	2,272	2,179
Circuit Courts Proper	11,424	11,308	11,661
Civil actions	3,448	3,582	4,198
Probate proceedings	1,564	1,527	1,400
Conservatorship/Guardianship proceedings 3/	341	320	3/ 251
Miscellaneous proceedings	1,085	1,094	1,128
Criminal actions	4,815	4,577	4,480
Part I offenses	1,955	1,830	1,891
Part II offenses	2,860	2,747	2,589
Trust proceedings	171	208	204
Family Courts	32,469	34,092	36,932
Marital actions and proceedings	5,720	5,508	5,660
Uniform reciprocal enforcement of support	412	490	390
Adoption proceedings	703	673	675
Parental proceedings	2,051	1,832	1,942
Domestic Abuse Protective Orders (Ch. 586)	4,654	4,505	4,532
Miscellaneous proceedings	2,435	2,179	2,613
Criminal actions	3,209	3,029	3,057
Children's referrals	13,285	15,876	18,063

Continued on next page.

**Table 4.18-- STATE JUDICIARY CASES FILED, BY TYPE OF ACTION:  
2006 TO 2008 -- Con.**

Court and type of action	2006	2007	2008
District Court	561,528	4/ 513,441	4/ 526,494
Civil	17,469	17,823	22,405
Regular civil	14,080	14,001	18,636
Small claims	3,389	3,822	3,769
Traffic	491,609	(4/)	(4/)
Moving - arrest and citation	156,557	(4/)	(4/)
Non-moving	139,014	(4/)	(4/)
Parking	196,038	(4/)	(4/)
Traffic	(4/)	457,972	464,717
Criminal	(4/)	46,091	46,381
Non criminal	(4/)	223,255	216,620
Parking violations	(4/)	182,434	195,011
Other violations	(4/)	1	2
Administrative reviews	(4/)	6,191	6,703
Other violations	3,369	2,551	2,776
Criminal actions	49,081	35,095	36,596
Part I offenses	4,747	3,715	4,257
Part II offenses	44,334	31,380	32,339

1/ Data exclude cases transferred to the Intermediate Court of Appeals: 318 in 2006, none in 2007, and none in 2008. In accordance with Act 202, Session Laws of Hawaii 2004, new appeals are filed at the Intermediate Court of Appeals, effective July 1, 2006.

2/ Data exclude cases transferred back to the Supreme Court: none in 2006, 2 in 2007, and 2 in 2008. In accordance with Act 202, Session Laws of Hawaii 2004, new appeals are filed at the Intermediate Court of Appeals, effective July 1, 2006.

3/ Category description changed from "Guardianship proceedings" to "Conservatorship/Guardianship proceedings" in 2008. Although the category description was changed in 2008, conservatorship cases were being reported in this line since 2006.

4/ In 2007, a new case-based reporting system for traffic filings began. In this system, a traffic case involving multiple offenses is counted as one case, and the most serious offense is selected for classification purposes. The new reporting categories are based on the latest "State Court Guide to Statistical Reporting" published by the National Center for State Courts.

Source: The Judiciary, State of Hawaii, records.

**Table 4.19-- STATE JUDICIARY CASES TERMINATED, BY TYPE OF ACTION:  
2006 TO 2008**

[Fiscal year ending June 30]

<b>Court and type of action</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Supreme Court 1/	3,220	582	427
Primary cases	454	202	162
Appeals	397	134	90
Original proceedings	57	68	72
Supplemental proceedings	2,766	380	265
Intermediate Court of Appeals 2/	520	2,813	2,638
Primary cases	317	559	469
Appeals	317	559	469
Supplemental proceedings	203	2,254	2,169
Circuit Courts Proper	9,713	8,274	10,832
Civil actions	3,745	3,179	3,558
Probate proceedings	788	605	1,198
Conservatorship/Guardianship proceedings 3/	185	195	3/ 240
Miscellaneous proceedings	1,203	682	1,764
Criminal actions	3,738	3,548	3,958
Part I offenses	1,506	1,420	1,557
Part II offenses	2,232	2,128	2,401
Trust proceedings	54	65	114
Family Courts	29,800	32,257	34,749
Marital actions and proceedings	5,229	5,452	5,640
Uniform reciprocal enforcement of support	357	452	376
Adoption proceedings	640	694	760
Parental proceedings	1,669	1,652	2,469
Domestic Abuse Protective Orders (Ch. 586)	4,638	4,499	4,525
Miscellaneous proceedings	2,143	1,940	2,918
Criminal actions	2,732	3,053	2,713
Children's referrals	12,392	14,515	15,348

Continued on next page.

**Table 4.19-- STATE JUDICIARY CASES TERMINATED, BY TYPE OF ACTION:  
2006 TO 2008 -- Con.**

Court and type of action	2006	2007	2008
District Court	477,930	4/ 421,115	4/ 504,622
Civil	14,831	17,863	17,334
Regular civil	11,849	14,158	13,933
Small claims	2,982	3,705	3,401
Traffic	412,913	(4/)	(4/)
Moving - arrest and citation	144,550	(4/)	(4/)
Non-moving	122,057	(4/)	(4/)
Parking	146,306	(4/)	(4/)
Traffic	(4/)	373,252	454,237
Criminal	(4/)	42,679	45,285
Non criminal	(4/)	187,723	212,060
Parking violations	(4/)	136,725	190,254
Other violations	(4/)	8	5
Administrative reviews	(4/)	6,117	6,633
Other violations	3,085	2,156	2,367
Criminal actions	47,101	27,844	30,684
Part I offenses	4,483	3,584	3,823
Part II offenses	42,618	24,260	26,861

1/ Data exclude cases transferred to the Intermediate Court of Appeals: 318 in 2006, none in 2007, and none in 2008. In accordance with Act 202, Session Laws of Hawaii 2004, new appeals are filed at the Intermediate Court of Appeals, effective July 1, 2006.

2/ Data exclude cases transferred back to the Supreme Court: none in 2006, 2 in 2007, and 2 in 2008. In accordance with Act 202, Session Laws of Hawaii 2004, new appeals are filed at the Intermediate Court of Appeals, effective July 1, 2006.

3/ Category description changed from "Guardianship proceedings" to "Conservatorship/Guardianship proceedings" in 2008. Although the category description was changed in 2008, conservatorship cases were being reported in this line since 2006.

4/ In 2007, a new case-based reporting system for traffic dispositions (entry of judgement) began. In this system, a traffic case involving multiple offenses is counted as one case, and the most serious offense is selected for classification purposes. The new reporting categories are based on the latest "State Court Guide to Statistical Reporting" published by the National Center for State Courts.

Source: The Judiciary, State of Hawaii, records.

**Table 4.20-- INMATES PRESENT IN STATE CORRECTIONAL FACILITIES:  
ANNUAL AVERAGES, 1997 TO 2008**

[Mean head count for fiscal year ending June 30]

Year	Total	Adult facilities 1/				Juvenile facilities 2/	
		Sentenced felons 5/	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

1/ Includes eight facilities: Oahu, Hawaii, Kauai, and Maui Community Correctional Centers; Kulani Correctional Facility, Halawa Correctional Facility, Women's Community Correctional Center, and Waiawa Correctional Facility.

2/ Hawaii Youth Correctional Facility.

3/ Includes felon probationers serving jail terms under one year.

4/ Consists of parole and probation violators, previously included in the "Not Sentenced" category.

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

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

Source: Hawaii State Department of Public Safety, records; Hawaii State Department of Human Services, Office of Youth Services/Hawaii Youth Correctional Facility, records; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 4.21-- MEDIAN AGES AND AVERAGE SENTENCES OF SENTENCED FELON POPULATION: 1997 TO 2008**

[Years ended June 30 unless otherwise specified. These data cover only sentenced felons under the jurisdiction of the State's correctional facilities, in hospitals, in mainland facilities, and on community release status. Parolees are not included. Average sentence calculations include life with parole sentences]

Year	Median age (years) 1/		Average sentence (months)		
	At admission	Currently as of June 30	Felons admitted		Felons released 2/
			Minimum	Maximum	
1997	33.3	34.3	51.2	3/ 106.0	38.9
1998	33.5	34.9	45.2	3/ 105.2	36.7
1999	33.7	31.9	47.6	3/ 105.5	34.4
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	34.9	37.3	(NA)	(NA)	36.5
2002	33.8	32.8	(NA)	(NA)	34.7
2003	34.2	37.0	(NA)	(NA)	34.7
2004	34.9	37.1	(NA)	(NA)	31.2
2005	35.0	37.7	(NA)	(NA)	34.5
2006	34.5	37.8	(NA)	(NA)	38.9
2007	35.7	38.3	(NA)	(NA)	42.1
2008	35.5	38.9	(NA)	(NA)	42.3

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 4.22-- INMATE POPULATION AT CONTRACTED FACILITIES  
IN OTHER STATES: 1997 TO 2008**

[Fiscal year ending June 30]

<b>Year</b>	<b>Population at contracted facilities</b>	<b>Assigned total inmate population 1/</b>	<b>% 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

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 4.23-- HAWAII PAROLING AUTHORITY STATISTICAL SUMMARY:  
2005 TO 2008**

[Fiscal year ending June 30]

Item	2005	2006	2007	2008
Number of parolees, June 30 1/	2,340	2,434	2,248	1,950
In Hawaii	1,690	1,777	1,630	1,486
Outside Hawaii 2/	377	352	348	204
In institution	90	133	98	109
Whereabouts unknown	183	172	172	151
Minimum imprisonment terms fixed	2,953	2,811	3,159	2,746
Number of persons for whom minimum terms fixed	881	830	840	787
Number of parole consideration hearings	1,890	1,797	2,023	1,987
Paroles granted	792	718	837	647
Paroles denied	1,013	1,015	1,056	1,235
Paroles deferred/continued	81	59	128	104
Escape	4	5	2	1
Persons considered for parole	1,594	1,551	1,669	1,626
Parole violation hearings	383	415	304	305
Parole revoked, returned to prison	342	363	264	284
Continued on parole/deferred	41	52	40	21
Pardon investigations conducted	143	73	38	45
Persons recommended for pardon	30	24	17	14
Persons discharged from parole	415	249	350	389
Full parole term before discharge	275	174	249	273
Early discharge	127	61	84	103
Deceased	13	14	17	13

1/ Includes courtesy supervision to 43 interstate cases as of June 30, 2008.

2/ Includes 148 Hawaii cases on reciprocal parole supervision on U.S. mainland as of June 30, 2008.

Also includes 161 Hawaii cases that were deported, are in protective custody or have dual supervision as of June 30, 2008.

Source: Hawaii State Department of Public Safety, Hawaii Paroling Authority, annual reports.

## Section 5

# GEOGRAPHY AND ENVIRONMENT

This section relates to land and water areas, physical geography, climate, air and water quality, and other geographic and environmental measurements of Hawaii. Most statistics on land use and ownership, however, appear in Section 6.

Important sources of data include the U.S. Geological Survey, the National Ocean Survey, the National Climatic Data Center, the Division of Water Resource Management of the Hawaii State Department of Land and Natural Resources, the Hawaii State Department of Health, and the University of Hawaii Institute of Geophysics. Detailed information is given in *Atlas of Hawaii*, 3rd edition, published by the University of Hawaii Press in 1998. National data are reported in the *Statistical Abstract of the United States: 2009*, Section 6.

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

Places	Statute miles	Nautical miles	Kilometers
DISTANCES FROM HONOLULU INTERNATIONAL AIRPORT			
Hawaiian Islands locations:			
Hilo, Hawaii	214	186	344
Kailua, Kona, Hawaii	168	146	270
Kahului, Maui	98	85	158
Lanai Airport	72	63	116
Molokai Airport	54	47	87
Lihue, Kauai	103	90	166
Puuwai, Niihau	152	132	245
Nihoa	283	246	455
Necker Island	520	452	837
French Frigate Shoals	556	483	895
Gardner Pinnacles	688	598	1,107
Maro Reef	851	739	1,369
Laysan Island	936	813	1,506
Lisianski Island	1,065	925	1,714
Pearl and Hermes Atoll	1,208	1,050	1,944
Midway Islands	1,309	1,137	2,106
Kure Atoll	1,367	1,188	2,200
Other Pacific locations:			
Apra Harbor, Guam	3,806	3,307	6,124
Auckland, New Zealand	4,393	3,817	7,068
Baker Island	1,900	1,649	3,058
Hong Kong	5,541	4,815	8,915
Howland Island	1,900	1,649	3,058
Jarvis Island	1,560	1,354	2,511
Johnston Atoll	820	713	1,319
Kingman Reef	1,073	932	1,726
Kiritimati (Christmas Island), Kiribati	1,344	1,168	2,163
Majuro, Marshall Islands	2,271	1,973	3,654
Manila, Philippines	5,293	4,599	8,516
Nuku Hiva, Marquesas Islands	2,400	2,086	3,864
Pago Pago, American Samoa	2,606	2,265	4,193
Palmyra Atoll	1,101	957	1,772
Papeete, Tahiti	2,741	2,382	4,410
Suva, Fiji	3,159	2,745	5,083
Sydney (Port Jackson), Australia	5,070	4,406	8,158
Tokyo, Japan	3,847	3,343	6,190
Wake Island	2,294	1,993	3,691

Continued on next page.

**Table 5.01-- GREAT CIRCLE DISTANCES BETWEEN SPECIFIED PLACES -- Con.**

Places	Statute miles	Nautical miles	Kilometers
DISTANCES FROM HONOLULU INT. AIRPORT--Con.			
North and South American locations:			
Anchorage, Alaska	2,781	2,417	4,475
Cape Horn, Chile	7,457	6,480	11,998
Chicago, Illinois	4,179	3,631	6,724
Cristobal, Canal Zone	5,214	4,531	8,389
Los Angeles, California	2,557	2,222	4,114
Miami, Florida	4,856	4,220	7,813
New York, New York	4,959	4,309	7,979
Portland, Oregon	2,595	2,255	4,175
San Diego, California	2,610	2,268	4,199
San Francisco, California	2,397	2,083	3,857
Seattle, Washington	2,679	2,328	4,311
Vancouver, B.C.	2,709	2,354	4,359
Tijuana, Mexico	2,616	2,273	4,209
Washington, D.C.	4,829	4,196	7,770
London, England	7,226	6,279	11,627
Bombay, India	8,010	6,960	12,888
Ghanzi, Botswana 1/	12,417	10,790	19,979
Equator, due south of Honolulu	1,470	1,277	2,367
North Pole	4,740	4,119	7,631
OTHER DISTANCES			
Hilo to --			
Los Angeles, California	2,447	2,126	3,937
San Francisco, California	2,315	2,012	3,725
Kure Atoll to --			
Cape Kumukahi, Puna, Hawaii 2/	1,523	1,323	2,451
Log Point, Elliot Key, Florida 3/	5,852	5,085	9,416
Tokyo, Japan	2,486	2,160	4,000
West Quoddy Head, Maine	5,788	5,030	9,313

1/ Ghanzi, Botswana is Honolulu's antipode, that is, the point precisely opposite to it on the globe.

2/ Cape Kumukahi and Kure Atoll are the points farthest apart in the Hawaiian Archipelago and State of Hawaii.

3/ Log Point and Kure Atoll are the points farthest apart in the 50 states.

Source: U.S. Geological Survey, *Elevations and Distances in the United States* (1980), pp. 22-23, and records; E. H. Bryan, Jr., *American Polynesia and the Hawaiian Chain* (1942), pp. 38, 42, and 134.

**Table 5.02-- LATITUDES AND LONGITUDES OF SELECTED PLACES**

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

Source: U.S. Board on Geographic Names, *Gazetteer No. 24, Hawaiian Islands* (1956); U.S. Geological Survey, *Elevations and Distances in the United States* (1980), pp. 17 and 22-23; U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Climatic Data Center, *Local Climatological Data, Annual Summary with Comparative Data, 1984* for Hilo, Kahului, Honolulu, and Lihue; Bernice P. Bishop Museum, records; Hawaii State Department of Accounting and General Services, Survey Division, records.

**Table 5.03-- TIME DIFFERENCES BETWEEN HONOLULU AND  
SELECTED CITIES**

[Standard time]

City	Country	Day	Hour	Time difference
Honolulu	United States	Same	9:00 a.m.	-
Anchorage	United States	Same	10:00 a.m.	+1
Vancouver	Canada	Same	11:00 a.m.	+2
Los Angeles	United States	Same	11:00 a.m.	+2
Las Vegas	United States	Same	11:00 a.m.	+2
Denver	United States	Same	12:00 p.m.	+3
Houston	United States	Same	1:00 p.m.	+4
Winnipeg	Canada	Same	1:00 p.m.	+4
Chicago	United States	Same	1:00 p.m.	+4
Atlanta	United States	Same	2:00 p.m.	+5
Miami	United States	Same	2:00 p.m.	+5
Toronto	Canada	Same	2:00 p.m.	+5
Lima	Peru	Same	2:00 p.m.	+5
New York City	United States	Same	2:00 p.m.	+5
Santiago	Chile	Same	3:00 p.m.	+6
Buenos Aires	Argentina	Same	4:00 p.m.	+7
Sao Paulo	Brazil	Same	4:00 p.m.	+7
London	United Kingdom	Same	7:00 p.m.	+10
Madrid	Spain	Same	8:00 p.m.	+11
Paris	France	Same	8:00 p.m.	+11
Frankfurt	Germany	Same	8:00 p.m.	+11
Rome	Italy	Same	8:00 p.m.	+11
Johannesburg	South Africa	Same	9:00 p.m.	+12
Jerusalem	Israel	Same	9:00 p.m.	+12
Moscow	Russia	Same	10:00 p.m.	+13
Baghdad	Iraq	Same	10:00 p.m.	+13
Kabul	Afghanistan	Same	11:30 p.m.	+14.5
Calcutta	India	Next	12:30 a.m.	+15.5
Bangkok	Thailand	Next	2:00 a.m.	+17
Singapore	Singapore	Next	3:00 a.m.	+18
Hong Kong	China	Next	3:00 a.m.	+18
Beijing	China	Next	3:00 a.m.	+18
Manila	Philippines	Next	3:00 a.m.	+18
Taipei	Taiwan	Next	3:00 a.m.	+18
Seoul	Korea	Next	4:00 a.m.	+19
Tokyo	Japan	Next	4:00 a.m.	+19
Sydney	Australia	Next	5:00 a.m.	+20
Auckland	New Zealand	Next	7:00 a.m.	+22

Source: 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-- WIDTHS AND DEPTHS OF CHANNELS**

Channel 1/	Width 2/		Depth 3/	
	Statute miles	Kilometers	Feet	Meters
Alenuihaha (Hawaii-Maui)	29.6	47.6	6,810	2,076
Alalakeiki (Kahoolawe-Maui)	6.7	10.8	822	251
Kealaikahiki (Kahoolawe-Lanai)	17.8	28.6	1,086	331
Auau (Lanai-Maui)	9.5	15.3	252	77
Kalohi (Lanai-Molokai)	9.2	14.8	540	165
Pailolo (Maui-Molokai)	8.8	14.2	846	258
Kaiwi (Molokai-Oahu)	25.8	41.5	2,202	671
Kauai (Oahu-Kauai)	72.1	116.0	10,890	3,319
Kaulakahi (Kauai-Niihau)	17.2	27.7	3,570	1,088
Niihau-Kaula	21.5	34.6	5,364	1,635
Niihau-Nihoa	133.9	215.5	14,550	4,435
Nihoa-Necker I.	179.6	289.0	12,600	3,840
Necker I.-French Frigate Shoals	100.3	161.4	12,780	3,895
French Frigate Shoals-Gardner Pinnacles	137.0	220.5	11,448	3,489
Gardner Pinnacles-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;
- Kaulakahi: Mana Pt., Kauai, to Kaunuopou, Niihau.

2/ Width measured in statute miles between designated points on National Ocean Survey and Coast and Geodetic Survey charts. Width in kilometers calculated from miles (1 mile = 1.60934 km.).

3/ Depths given are the deepest soundings noted at or near the line joining the two designated points, on National Ocean Survey and Coast and Geodetic Survey charts. Depths measured in fathoms and converted to feet and meters (1 fathom = 6 feet = 1.8288 meters).

Source: Compiled by Lee S. Motteler, Geography and Map Division, Bernice P. Bishop Museum, in November 1980.

**Table 5.05-- GENERAL COASTLINE AND TIDAL SHORELINE OF COUNTIES AND ISLANDS**

County and island	General coastline 1/		Tidal shoreline 2/	
	Statute miles	Kilometers 3/	Statute miles	Kilometers 3/
State total	750	1,207	1,052	1,693
Counties:				
Hawaii	266	428	313	504
Maui, including Kalawao	210	338	343	552
Honolulu	137	220	234	377
Kauai	137	220	162	261
Islands: 4/				
Hawaii	266	428	313	504
Maui	120	193	149	240
Kahoolawe	29	47	36	58
Lanai	47	76	52	84
Molokai	88	142	106	171
Oahu	112	180	209	336
Kauai	90	145	110	177
Niihau	45	72	50	80
Kaula	2	3	2	3
Northwestern Hawaiian Islands 5/	25	40	25	40
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/ Shoreline of outer coast, offshore islands, bays, rivers, and creeks is included to the head of tidewater or to a point where tidal waters narrow to a width of 100 feet.

3/ Derived from data expressed in statute miles; independently rounded and accordingly may not add exactly to indicated totals and subtotals. 1 mi. = 1.609 km.

4/ Data are not available for five minor islands: Molokini, Lehua, Gardner Pinnacles, Maro Reef, and Pearl and Hermes Atoll.

5/ Excludes the Midway Islands, which are part of the Hawaiian Archipelago but not legally part of the State of Hawaii. Midway has a general coastline of 20 miles and a tidal shoreline of 33 miles.

Source: U.S. Department of Commerce, National Ocean Survey, *The Coastline of the United States* (1975) and records.

**Table 5.06-- LAND AND WATER AREA WITHIN  
THE FISHERY CONSERVATION ZONE**

[Land and water area within the 200 nautical mile Fishery Conservation Zone surrounding the  
Hawaiian Archipelago]

<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 5.07-- LAND AREA OF COUNTIES: 2000**

[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	4,028.0	1,159.2	13.2	599.8	622.4
Square kilometers	16,634.5	10,432.5	3,002.3	34.2	1,553.4	1,612.1

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

**Table 5.08-- LAND AREA OF ISLANDS: 2000**

Island	Square miles	Square kilometers
STATE OF HAWAII	6,422.6	16,634.5
Hawaii	4,028.0	10,432.5
Maui	727.2	1,883.5
Molokini	0.036	0.093
Kahoolawe	44.6	115.5
Lanai	140.5	364.0
Molokai	260.0	673.4
Oahu	596.7	1,545.3
Kauai	552.3	1,430.4
Niihau	69.5	179.9
Lehua	0.444	1.149
Kaula	0.247	0.640
Northwestern Hawaiian Islands 1/	3.108	8.049
Niihau	0.271	0.701
Necker Island	0.071	0.183
French Frigate Shoals	0.096	0.249
Gardner Pinnacles	0.009	0.024
Maro Reef	Awash	Awash
Laysan Island	1.588	4.114
Lisianski Island	0.601	1.556
Pearl and Hermes Atoll	0.139	0.359
Kure Atoll	0.333	0.862

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

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

**Table 5.09-- MAJOR AND MINOR ISLANDS IN THE  
HAWAIIAN ARCHIPELAGO**

Classification	Number of islands		Land area (square miles)
	Total	Inhabited, 1990 1/	
All named islands	137	12	6,427.0
Major islands	8	7	6,419.4
Named minor islands 2/	129	5	7.6
Offshore of major islands	96	3	2.6
Northwestern Hawaiian Islands 3/	33	2	4.9
Part of State	28	1	2.9
Not part of State (Midway Islands)	5	1	2.0

1/ For populations, see present volume, table 1.05.

2/ For individual data, see DPED Report GN-6, pp. 3-7.

3/ Includes individual islets in the 10 Northwestern Hawaiian Islands.

Source: Hawaii State Department of Planning and Economic Development, *Geographic Names Approved, Second Quarter 1969* (Report GN-6, July 8, 1969), p. 8; *Data Book 1986*, table 152.

**Table 5.10-- AREA AND DEPTH OF SELECTED CRATERS**

Island and crater	Area (acres)	Maximum depth (feet)
Hawaii:		
Kilauea Caldera	2,319	476
Mokuaweoweo Crater 1/	2,221	572
Maui:		
Haleakala Crater 2/	12,575	3,028
Oahu:		
Diamond Head Crater	255	562
Koko Crater	133	968
Punchbowl Crater	62	140

1/ Data exclude North and South Pits.

2/ Data exclude Koolau and Kaupo Gaps.

Source: Measured from U.S. Geological Survey maps by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 5.11-- ELEVATIONS OF MAJOR SUMMITS**

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

Island and summit	Feet	Meters
Hawaii:		
Mauna Kea 1/	13,796	4,205
Mauna Loa	13,679	4,169
Hualalai	8,271	2,521
Kaumu o 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 5.11-- ELEVATIONS OF MAJOR SUMMITS -- Con.**

Island and summit	Feet	Meters
Kauai:		
Kawaikini	5,243	1,598
Waialeale	5,148	1,569
Kalalau Lookout	4,120	1,256
Haupu	2,297	700
Sleeping Giant (Nonou)	1,241	378
Niihau:		
Paniau	1,250	381
Lehua	699	213
Kaula	548	167
Nihoa:		
Millers Peak	903	275
Necker Island:		
Summit Hill	276	84
French Frigate Shoals:		
La Perouse Pinnacles	120	37
Gardner Pinnacles	190	58
Maro Reef	Awash	Awash
Laysan Island	40	12
Lisianski Island	40	12
Pearl and Hermes Atoll	10	3
Midway Islands	12	4
Kure Atoll	20	6

1/ According to the *1995 Guinness Book of Records* (p. 147), "The world's tallest mountain measured from its submarine base (3,280 fathoms) in the Hawaiian Trough to its peak is Mauna Kea ... with a combined height of 33,480 ft., of which 13,796 ft. are above sea level."

Source: Hawaii State Department of Accounting and General Services, Survey Division, data provided April 21, 1992; U.S. National Cartographic Information Center, data provided October 11, 1978; U.S. Geological Survey topographic maps, 1981-1984; Hawaiian Government Survey (for Nihoa and Molokini); U.S.S. Tanager survey, 1923 (for Necker Island, French Frigate Shoals, Laysan, Lisianski, Pearl and Hermes Atoll and Kure Atoll.)

**Table 5.12-- MAJOR NAMED WATERFALLS, BY ISLAND**

Island	Waterfall	Height (feet)		Horizontal distance (feet)
		Sheer drop	Cascade	
Hawaii	Kaluahine	(NA)	620	400
	Akaka	442	(NA)	(NA)
	Waiilikahi	320	(NA)	6
Maui	Honokohau	(NA)	1,120	500
	Waihiumalu	(NA)	400	150
Molokai	Kahiwa	(NA)	1,750	1,000
	Papalaua	(NA)	1,200	500
	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; "Tall Falls", *The Honolulu Advertiser*, June 25, 1995, pp. A17 and A20.

**Table 5.13-- MAJOR STREAMS, BY ISLAND**

Island	Feature or stream	Length or average discharge
Longest water feature (miles):		
Hawaii	Wailuku River	32.0
Maui	Kalialinui-Waiale Gulch	18.0
Kahoolawe	Ahupu Gulch	4.0
Lanai	Maunalei-Waialala Gulch	12.9
Molokai	Wailau-Pulena Stream	6.5
Oahu	Kaukonahua Stream (So. Fork)	33.0
Kauai	Waimea River-Poomau Stream	19.5
Niihau	Keanaulii-Puniopo Valley	5.9
Largest perennial stream (miles): 1/		
Hawaii	Wailuku River	22.7
Maui	Palikea Stream	7.8
Molokai	Wailau-Pulena Stream	6.5
Oahu	Kaukonahua Stream	30.0
Kauai	Waimea River	19.7
Streams with greatest average discharge (million gal. / day):		
Hawaii	Wailuku River	180
Maui	Waihee River	50
Molokai	Wailau Stream	30
Oahu	Waikele Stream	2/ 26
Kauai	Hanalei River	129

1/ Estimated on basis of drainage area rather than stream runoff. Other major streams include Wailoa River, Hawaii (1/2-mile long); Honokohau Stream (9.4 miles long) and Iao Stream (5), both on Maui; Halawa Stream (6.4), Waikolu Stream (4.7), and Pelekunu (2.3), all on Molokai; Waikele Stream (15.3), Kipapa Stream (12.8), Waiakakalaua Stream (11.8), Nuuanu Stream (4), and Ala Wai Canal (1.9), all on Oahu; and the Makaweli River (15.1), Wainiha River (13.8), Hanapepe River (13.3), and Wailua River (11.8), all on Kauai.

2/ Most of discharge is from nearby groundwater outflow.

Source: Longest water feature from U.S. Geological Survey, records; other data from Hawaii State Department of Land and Natural Resources, Commission on Water Resource Management, records.

**Table 5.14-- LAKES AND LAKE-LIKE WATERS, BY ISLAND**

Island and lake	Type	Elevation (feet)	Area 1/ (acres)	Maximum depth (feet)
Hawaii:				
Green Lake	Lake	3	2	20
Lake Waiiau 2/	Lake	13,020	2	10
Waiakea Pond	Tidal pond	(3/)	27	7
Maui:				
Kanaha Pond	Marsh	(3/)	41	3
Kealia Pond	Marsh	(3/)	500	(NA)
Waieleele	Pond	6,690	0.5	21
Molokai:				
Kauhako	Pool	(3/)	0.9	814
Kualapuu Reservoir	Reservoir	821	100	50
Meyer Lake	Impoundment	2,021	6-10	5
Oahu:				
Ho'omaluhia	Reservoir	202	90	90
Kaelepulu Pond	Lake	(3/)	198	(NA)
Kawainui Marsh	Marsh	(3/)	1,000	(NA)
Wahiawa Reservoir	Reservoir	842	302	85
Kauai:				
Nomilu Fishpond	Pond	(3/)	20	66
Waita Reservoir	Reservoir	241	424	23
Niihau:				
Halalii Lake	Playa	(3/)	841-865	(NA)
Halulu Lake	Playa	(3/)	182-371	(NA)
Laysan:				
Laysan Lagoon	Closed lagoon	(3/)	161	16

NA Not available.

1/ Ranges shown for Meyer Lake, Halalii Lake, and Halulu Lake reflect differences in estimates between sources.

2/ Highest lake in the State and third highest in the United States.

3/ Sea level.

Source: J.A. Maciolek, *Lakes and Lake-like Waters of the Hawaiian Archipelago* (Bernice P. Bishop Museum, Occasional Papers, Vol. XXV, No. 1, April 30, 1982); Hawaii State Department of Land and Natural Resources, Commission on Water Resource Management, May 18, 1994.

**Table 5.15-- LENGTH AND WIDTH OF SELECTED BEACHES**

[Includes the longest white sand beach on each inhabited island, plus other important beaches]

Island and beach	Length (miles)	Width 1/ (feet)
Hawaii:		
Hapuna	0.5+	200+
Maui:		
Spreckelsville	2+	(NA)
Kaanapali	1.5	60-80
Lanai:		
Polihua	1.5+	(NA)
Molokai:		
Papohaku	2+	300
Oahu:		
Waikiki	2	(NA)
Waimanalo	3.5-4.5	(NA)
Sunset	2-3+	200
Kauai:		
Polihale to Kekaha	15	300
Polihale	3	300
Niihau:		
Keawanui	3.5	175

NA Not available.

1/ Summer averages. Many beaches in Hawaii are seasonally reduced in width by winter storms.

Source: Hawaii State Department of Planning and Economic Development, *Hawaii's Shoreline* (1965), pp. 33, 47, 55, 62, 68, and 100; John R. K. Clark, *Beaches of the Big Island* (1985), p. 132, *The Beaches of Maui County* (1980), pp. 10, 62, 84-85, and 114, *The Beaches of O'ahu* (1977), pp. 45, 125, and 177, and *Beaches of Kaua'i and Ni'ihau* (1990), pp. 48-49 and 84.

**Table 5.16-- MISCELLANEOUS GEOGRAPHIC STATISTICS, BY ISLAND**

Island	Extreme length (miles)	Extreme width (miles)	Miles of sea cliffs with heights 1,000 ft. or more 1/	Miles from coast of most remote point	Percent of area within 5 miles of coast
State total	(X)	(X)	33	28.5	48.6
Hawaii	93	76	4	28.5	30.0
Maui	48	26	-	10.6	76.1
Kahoolawe	11	6	-	2.4	100.0
Lanai	18	13	1	5.2	100.0
Molokai	38	10	14	3.9	100.0
Oahu	44	30	-	10.6	79.0
Kauai	33	25	11	10.8	65.0
Niihau	8	6	3	2.4	100.0
Island	Percent of area with elevation		Approximate mean altitude (feet)	Percent of area with slope	
	Less than 500 feet	2,000 feet or more		Less than 10 percent	20 percent or more
State total	20.8	50.9	3,030	63.5	17.0
Hawaii	12.0	68.4	3,950	76.0	4.0
Maui	24.9	41.4	2,390	38.5	36.0
Kahoolawe	38.9	0.0	600	60.0	9.0
Lanai	24.8	6.3	1,140	61.0	16.0
Molokai	37.3	17.8	1,150	53.0	26.0
Oahu	45.3	4.6	860	42.5	45.5
Kauai	35.6	24.0	1,380	33.5	50.5
Niihau	78.2	0.0	530	68.0	12.5

X Not applicable.

1/ According to Lee S. Motteler, Geography and Map Division, Bernice P. Bishop Museum, the sea cliffs along the northeastern coast of Molokai between Umilehi Point and Puukaoku Point drop 3,250 feet at an average slope of 58 degrees. These cliffs have been described by *The Guinness Book of Records* (1995 edition, p. 154) as "the highest sea cliffs in the world."

Source: Hawaii State Department of Planning and Economic Development, *Hawai'i the Natural Environment* (1974), p. 19; U.S. Geological Survey, *Elevations and Distances in the United States* (1978), pp. 4-5.

**Table 5.17-- VOLCANIC ERUPTIONS: MAUNA LOA 1950 TO 1984,  
KILAUEA 1969 TO 2008**

[As of December 31, 2008. 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]

<b>Volcano and date of outbreak</b>	<b>Repose period since previous eruption (months)</b>	<b>Duration (days)</b>	<b>Location 1/</b>	<b>Altitude of main vent (meters)</b>	<b>Area covered (km<sup>2</sup>)</b>	<b>Volume (km<sup>3</sup>)</b>
<b>Mauna Loa:</b>						
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
<b>Kilauea:</b>						
1969: Feb. 22	4.0	6	ER	930-870	6.0	0.0161
May 24	2.0	874	ER	940	50.0	0.1850
1971: Aug. 14	-	<1	C	1,100-1,080	3.1	0.0091
Sept. 24	-	5	C, SWR	1,120-820	3.9	0.0077
1972: Feb. 3	4.3	900	ER	940	46.0	0.1620
1973: May 5	-	<1	ER	1,000-980	0.3	0.0012
Nov. 10	-	30	ER	980-870	1.0	0.0027
1974: July 19	-	3	C, ER	1,080-980	3.1	0.0066
Sept. 19	2.0	<1	C	1,100	1.0	0.0102
Dec. 31	3.4	<1	SWR	1,080	7.5	0.0143
1975: Nov. 29	11.0	<1	C	1,080-1,060	0.3	0.0002
1977: Sept. 13	21.5	18	ER	620-480	7.8	0.0329
1979: Nov. 16	26.3	1	ER	980-960	0.3	0.0006
1982: April 30	29.5	<1	C	1,080	0.3	0.0005
Sept. 25	4.8	<1	C	1,080	0.8	0.0030
1983: Jan. 3	3.3	9,494	ER	900	121.1	3.3800
2008: March 19	-	287	C	1,080	(2/)	(2/)

1/ C, summit caldera; ER, east rift zone; NER northeast rift zone; S, summit area; SWR, southwest rift zone.

2/ Primarily explosive with very little material produced.

Source: Gordon A. Macdonald, Agatin T. Abbott, and Frank L. Peterson, *Volcanoes in the Sea: The Geology of Hawaii*, 2nd ed. (1986), pp. 80-81; U.S. Geological Survey, Hawaiian Volcano Observatory <<http://hvo.wr.usgs.gov/kilauea/history/historytable.html>> accessed April 7, 2009; records.

**Table 5.18-- MAJOR EARTHQUAKES: 1838 TO 2009**

[Includes all earthquakes with magnitudes of 6.0 or greater, 1838 to 1983, and 5.0 or greater, 1984 to present. Except for the earthquake of April 2, 1868, magnitudes of earthquakes prior to 1929 are conjectural]

Date and time (HST)	Location	Magnitude (Richter scale)
1838: December 12	Hawaii	6.0
1841: April 7	Hawaii	6.0
1852: March 31	Hawaii	6.0
1868: March 28	Mauna Loa, south flank, Hawaii	6.5-7.0
April 2	Mauna Loa, south flank, Hawaii	7.5-8.1
1871: February 19	Molokai or Maui	6.5
1875: November 23	Hawaii	6.0
1887: January 24	Hawaii	6.0
1913: October 25	Hawaii	6.5
1918: November 1	Hawaii	6.5
1919: September 14	Hawaii	6.5
1929: October 5	Hualalai, Hawaii	6.5
1938: January 23	North of Pauwela Point, Maui	6.8
1940: June 17	Hawaii	6.0
1941: September 25	South east of Mauna Loa, Kaoiki fault zone, Hawaii	6.0
1950: May 29	Mauna Loa, south west rift, Hawaii	6.2
1951: April 22	Kilauea, Hawaii	6.3
August 21	Kona, Hawaii	6.9
1952: May 23	Kona, Hawaii	6.0
1954: March 30	Kilauea, south flank, Hawaii	6.5
1961: September 25	Hawaii	5.75-6.0
1962: June 27	South east of Mauna Loa, Kaoiki fault zone, Hawaii	6.1
1973: April 26	North of Hilo, Honomu, Hawaii	6.2
1975: Nov. 29, 4:47 AM	Kilauea, south flank, Kalapana, Hawaii	7.2
1983: Nov. 16, 6:13 AM	South east of Mauna Loa, Kaoiki fault zone, Hawaii	6.7
1984: June 8, 5:34 PM	80 miles south of Honolulu, Oahu	5.3
1986: April 26, 7:19 AM	28 miles north east of Maui	5.1
1987: Feb. 3, 4:22 PM	26 miles south of Kahoolawe	5.0
1989: June 25, 5:27 PM	Kilauea, south flank, Kalapana, Hawaii	6.2
1994: Feb. 1, 12:01 AM	12 miles south of Kilauea, offshore, Hawaii	5.2
1997: June 30, 5:47 AM	5 miles west of Kalapana, Hawaii	5.2
1999: April 16, 2:56 PM	4 miles north of Pahala, Hawaii	5.6
2000: April 1, 8:18 PM	7 miles south east of Kilauea Summit, Hawaii	5.0
2003: August 26, 8:24 PM	6 miles north west of Kaena Point, Oahu	5.0
2005: May 13, 12:06 AM	27 miles south of Naalehu near Loihi, Hawaii	5.0
2005: July 15	49 miles north of Hilo, Hawaii	5.2
2005: July 17, 9:15 AM	near seamount Loihi, Hawaii	5.2

Continued on next page.

**Table 5.18-- MAJOR EARTHQUAKES: 1838 TO 2009 -- Con.**

Date and time (HST)	Location	Magnitude (Richter scale)
2006: October 15, 7:07:49 AM	just offshore of Kiholo Bay, Hawaii	6.7
2006: October 15, 7:14:12 AM	6 miles west of Mahukona, Hawaii	6.0
2006: November 23, 9:20:10 AM	just offshore of Kiholo Bay, Hawaii	5.1
2007: August 13, 7:38 PM	Kilauea, south flank, Hawaii	5.4
2009: April 14, 12:44 PM	9 miles south of Volcano, Hawaii	5.0

Source: Augustine S. Furumoto, N. Norby Nielsen, and William R. Phillips, *A Study of Past Earthquakes, Isoseismic Zones of Intensity and Recommended Zones for Structural Design for Hawaii* (University of Hawaii, Center for Engineering Research, Engineering Bulletin, June 15, 1972); information supplied by Wm. Mansfield Adams and Augustine S. Furumoto, Institute of Geophysics, University of Hawaii; Hawaii Institute of Geophysics, records; U.S. Geological Survey, National Earthquake Information Service; U.S. Geological Survey, Hawaiian Volcano Observatory, records; U.S. Geological Survey, Earthquake Hazards Program, <<http://earthquake.usgs.gov/eqcenter/eqinthenews/>> accessed on July 2, 2009.

**Table 5.19-- EARTHQUAKES WITH INTENSITIES ON OAHU OF  
V OR GREATER: 1859 TO 2007**

<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; U.S. Geological Survey, Hawaiian Volcano Observatory, records.

**Table 5.20-- TSUNAMIS WITH RUN-UP OF 2 METERS (6.6 FEET)  
OR MORE: 1812 TO 2008**

Date	Place of observation	Source	Maximum height in Hawaii		Deaths in Hawaii	Damage in Hawaii
			Meters	Feet		
1812: Dec. 21 1/	Hookena, Hawaii	California	2.5	8	-	Hut flooded
1819: April 12	W. Hawaii	Chile	2.0	7	-	Houses destroyed
1837: Nov. 7	Hilo, Hawaii	Chile	6.0	20	16	100 houses destroyed
1841: May 17	Hilo, Hawaii	Kamchatka	4.6	15	-	Unknown
1860: Dec. 1	Maliko Bay, Maui	N. Pacific 2/	3.6	12	-	Houses, wharf destroyed
1868: April 2	Keauhou Landing, Hawaii	Ka'u	13.7	45	47	Severe in Puna and Ka'u
1868: Aug. 13	Hilo, Hawaii	Chile	4.6	15	-	Houses, bridges destroyed
1869: Aug. 24	S.E. Puna	S. Pacific 2/	8.2	27	-	Houses destroyed, roads washed out
1877: May 10	Hilo, Hawaii	Chile	4.8	16	5	Severe in Hilo
1878: Jan. 10	Maliko Bay, Maui	N. Molokai 2/	3.6	12	-	Scattered flooding, N. Maui, N. Oahu
1896: June 15	Keauhou, Hawaii	Japan	5.5	18	-	Houses, wharfs, stores destroyed
1903: Nov. 29	Pelekunu, Molokai	N. Molokai	4.5	15	-	Houses destroyed on Maui, railroad washed out on Oahu
1906: Aug. 17	Maalaea, Maui	Chile	3.6	12	-	Piers damaged
1919: Oct. 2	Hoopuloa, Hawaii	S. Kona	4.3	14	-	Wharf damaged, car swept away
1922: Nov. 11	Hilo, Hawaii	Chile	2.1	7	-	Fishing boats swept away
1923: Feb. 3	Hilo, Hawaii	Kamchatka	6.1	20	1	\$1,500,000
1933: March 2	Keauhou, Hawaii	Japan	3.2	10	-	Boathouses, walls destroyed in Kona
1946: April 1	Waikolu valley, Molokai	Aleutian Islands	16.4	54	159	\$26,000,000
1952: Nov. 4	Kaena, Oahu	Kamchatka	9.1	30	-	\$1,000,000
1957: March 9	Haena, Kauai	Aleutian Islands	16.1	53	-	\$5,000,000
1960: May 22	Hilo, Hawaii	Chile	10.5	34	61	\$23,000,000
1964: March 27	Waimea Bay, Oahu	Alaska	4.9	16	-	\$68,000
1975: Nov. 29	Keauhou Landing, Hawaii	S. Puna	14.3	47	2	\$1,500,000

1/ Earliest tsunami for which definite information exists.

2/ Probable source.

Source: George Pararas-Carayannis, *Catalog of Tsunamis in the Hawaiian Islands* (U.S. Coast and Geodetic Survey, May 1969); Harold G. Loomis, *The Tsunami of November 29, 1975 in Hawaii* (Hawaii Institute of Geophysics, December 1975), pp. 1 and 10; D.C. Cox and J. Morgan, *Local Tsunamis and Possible Local Tsunamis in Hawaii* (Hawaii Institute of Geophysics, Report HIG 77-14, November 1977); Doak C. Cox, *Tsunami Casualties and Mortality in Hawaii* (University of Hawaii, Environment Center, June 1987), p. 39; James F. Lander and Patricia A. Lockridge, *United States Tsunamis (Including United States Possessions) 1690-1988*, Publication 41-2, National Geophysical Data Center, August 1989, pp.17-77; U.S. Geological Survey, Hawaiian Volcano Observatory, records; Pacific Tsunami Warning Center, records.

**Table 5.21-- MAJOR DAMS**

[Includes all dams whose maximum storage exceeds 1,000 acre-ft.]

Dam name	Nearest city	Purpose	Year completed	Height (ft.)	Length (ft.)	Maximum storage (acre-ft.)	Normal storage (acre-ft.)
Waita Reservoir	Koloa, Kauai	Irrigation	1906	23	3,250	9,900	3,400
Wahiawa Dam	Wahiawa, Oahu	Irrigation, recreation	1906	88	660	9,200	7,761
Kualapuu Reservoir	Kualapuu, Molokai	Irrigation, water supply	1969	1/ 57	7,100	5,082	3,685
Ho'omaluhia Dam	Kaneohe, Oahu	Flood control, recreation	1980	1/ 83	2,200	4,500	260
Nuuanu Dam No. 4	Honolulu, Oahu	Flood control, recreation	1910	66	1,730	3,600	242
Alexander	Kalaheo, Kauai	Irrigation, hydroelectric, water supply	1931	1/ 112	600	2,540	1,070
Puukapu Dam	Waimea, Hawaii	Flood control	1965	12	4,340	1,450	(NA)
Kaloko Reservoir	Kilauea, Kauai	Irrigation	1890	44	1,800	1,400	(NA)
Wailua Reservoir	Wailua, Kauai	Irrigation	1920	40	1,080	1,223	(NA)
Kitano Reservoir	Kekaha, Kauai	Irrigation	1928	1/ 38	720	1,120	110
Kapaia Reservoir	Hanamaulu, Kauai	Irrigation, water supply	1910	1/ 50	1,050	1,114	1,105
Ku Tree Reservoir	Wahiawa, Oahu	Other	1925	97	550	1,085	(NA)

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Land & Natural Resources/Engineering Division, Flood Control & Dam Safety Section, records and <<http://www.hidlnr.org/eng/dam/Inventory.aspx>> accessed on July 23, 2009.

**Table 5.22-- FRESH WATER USE, BY TYPE, BY COUNTY: 2000**

[Million gallons per day]

Use	State total	Hawaii	Honolulu	Kalawao	Kauai	Maui
Total	628.43	53.41	216.91	0.09	45.20	312.82
Ground water	428.00	44.55	208.84	0.09	25.83	148.69
Public supply 1/	242.83	31.16	164.81	0.09	14.94	31.83
Industrial	14.50	0.04	12.93	-	0.27	1.26
Thermoelectric	-	-	-	-	-	-
Irrigation	170.67	13.35	31.10	-	10.62	115.60
Surface water	200.43	8.86	8.07	-	19.37	164.13
Public supply 1/	7.60	2.50	-	-	-	5.10
Industrial	-	-	-	-	-	-
Thermoelectric	-	-	-	-	-	-
Irrigation	192.83	6.36	8.07	-	19.37	159.03

1/ Includes water withdrawn by public and private water systems for use by cities and military bases. Water withdrawn by these facilities may be delivered to users for domestic, commercial, industrial, and thermoelectric purposes, or may be used for water and wastewater treatment, pools, parks and city buildings.

Source: U.S. Geological Survey, Water Resources, records.

**Table 5.23-- WATER SERVICES AND CONSUMPTION, FOR COUNTY WATERWORKS: 2006 TO 2008**

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

Geographic area	Number of services			Consumption (million gallons)		
	2006	2007	2008	2006	2007	2008
State total	261,096	265,243	267,771	80,106	1/ 76,689	80,287
City and County of Honolulu	168,272	170,055	171,281	52,887	1/ 49,027	53,297
Honolulu District 2/	65,576	66,130	66,771	24,295	1/ 22,665	23,837
Rest of Oahu	102,696	103,925	104,510	28,592	1/ 26,362	29,460
Hawaii County	39,585	40,681	41,089	9,567	9,914	9,530
Kauai County	19,564	19,825	19,957	4,466	4,490	4,663
Maui County	33,675	34,682	35,444	13,186	13,258	12,797
Maui	32,045	33,032	33,789	12,883	12,961	12,510
Molokai	1,630	1,650	1,655	303	297	287

1/ Revised from previous *Data Book*.

2/ Maunalua to Moanalua.

Source: Data compiled by Hawaii State Department of Business, Economic Development & Tourism from City and County of Honolulu Board of Water Supply, County of Hawaii Department of Water Supply, County of Kauai Department of Water, and County of Maui Department of Water Supply.

**Table 5.24-- WATER WITHDRAWALS BY SOURCE AND MAJOR USE,  
FOR THE UNITED STATES AND HAWAII: 2000**

[Withdrawal signifies water physically withdrawn from a source. Includes fresh and saline water]

<b>Subject</b>	<b>U.S. 1/</b>	<b>Hawaii</b>
Water withdrawals, total, millions of gallons per day	408,000	641
Source, percent		
Ground water	20.7	67.7
Surface water	79.2	32.4
Selected major uses, percent		
Public supply	10.6	39.0
Irrigation	33.6	56.8

1/ Includes Puerto Rico and Virgin Islands.

Source: U.S. Geological Survey, as cited in U.S. Census Bureau, *Statistical Abstract of the United States: 2007*, table 355 <<http://www.census.gov/compendia/statab/2007edition.html>> accessed March 15, 2007.

**Table 5.25-- TOP 25 WATER USERS ON OAHU:  
MAY 2007 TO APRIL 2008**

[Estimated monthly average]

<b>Rank</b>	<b>User</b>	<b>Gallons (1,000)</b>
1	Marine Base in Kaneohe	59,099
2	Chevron USA Inc.	32,007
3	State HI Dept of Transportation_Airport, Aolele St	22,033
4	Hilton Hawaiian Village, 2003 Kalia Rd	17,064
5	Hawaiian Cement	14,908
6	State HI Dept of Transportation_Airport, Paiea St	14,351
7	Hawaii Kai Golf Course	13,982
8	University of Hawaii, 2566 Dole St.	13,654
9	Honolulu Zoo	12,353
10	Fort DeRussy Army Facility	11,627
11	Central Oahu Regional Park	11,008
12	Sheraton Waikiki Hotel	10,211
13	United Laundry Service	8,829
14	Hilton Hawaiian Village, 2005 Kalia Rd	8,424
15	University of Hawaii, 2444 Dole St.	7,978
16	Halawa Prison	7,938
17	Kapiolani Park	7,666
18	Hyatt Regency Waikiki	7,535
19	Ala Wai Golf Course	7,492
20	Magic Island Park	7,126
21	Mid-Pacific Country Club	6,858
22	HECO Kahe Power Plant	6,721
23	Hale Koa Hotel	6,682
24	Terraza-Corte Bella Association (Ewa Beach Cluster Homes)	6,619
25	Ilikai Apartment Building AOA	5,931

Source: Honolulu Board of Water Supply, records.

**Table 5.26-- HAZARDOUS WASTE SITES, THREATS AND  
CONTAMINANTS ON OAHU**

[Sites on the National Priorities List for the Superfund Program]

Sites with threats and contaminants	Location	Final Listing 1/	Deletion
Del Monte Corp. (Oahu Plantation) 2/	Kunia	12/16/94	3/ 1/13/04
Naval Computer & Telecommunications Area 4/	Pearl Harbor	5/31/94	(NA)
Pearl Harbor Naval Complex 5/	Pearl Harbor	10/14/92	(NA)
Schofield Barracks (US Army) 6/	Wahiawa	8/30/90	8/10/00

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.

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/superfund/sites/npl/hi.htm>> accessed June 29, 2009.

**Table 5.27-- TOXIC CHEMICAL RELEASES IN 2006, HAZARDOUS WASTE SITES IN 2007, AND HAZARDOUS WASTE GENERATED, SHIPPED, AND RECEIVED IN 2005**

Category	Unit
Toxic chemical releases in 2006 1/	3.0
On-site releases 2/	2.8
Point source air emissions	2.3
Off-site releases, transfers to disposal	0.2
Hazardous waste sites in 2007 3/	3
Federal	2
Non-federal	1
Hazardous waste generated, shipped, and received in 2005 4/	
Generated	1.5
Shipped	1.4
Received	0.4

1/ In millions of pounds.

2/ Includes other types of release not shown separately.

3/ As of December 31. Includes both proposed and final sites listed on the National Priorities List for the Superfund program as authorized by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980 and the Superfund Amendments and Reauthorization Act (SARA) of 1986.

4/ In thousands of tons. Covers hazardous wastes regulated under the Resource Conservation and Recovery Act (RCRA) of 1976 as amended. Generation quantities exclude hazardous waste received from off site for storage/bulking and subsequently transferred off site for treatment or disposal is excluded from generation quantities.

Source: U.S. Environmental Protection Agency, as cited in U.S. Census Bureau, *Statistical Abstract of the United States: 2009*, tables 356, 366 and 367.

**Table 5.28-- WATER QUALITY AT PUBLIC BEACHES, BY ISLAND:  
2007 AND 2008**

Island	Number of locations	Number of samples	Enterococci density 1/			
			Lowest 2/	Highest 3/	Number over 7	Mean 4/
2007						
State total	135	5,601	2.3	137.0	23	4.5
Hawaii	33	1,011	2.3	64.0	5	4.6
Hilo Shoreline	13	757	2.5	10.6	2	4.8
Kona Shoreline	20	254	2.3	64.0	3	4.1
Maui	13	911	2.7	4.2	-	3.6
Lanai	-	-	(X)	(X)	(X)	(X)
Molokai	-	-	(X)	(X)	(X)	(X)
Oahu	75	3,124	2.3	137.0	16	4.7
Kauai	14	555	2.3	99.9	2	5.0
2008						
State total	285	6,504	2.3	700.0	53	3.8
Hawaii	50	1,615	2.3	4.5	3	3.7
Hilo Shoreline	30	961	2.3	75.0	3	4.1
Kona Shoreline	20	654	2.3	4.5	-	3.2
Maui	62	1,207	2.3	22.6	5	3.4
Lanai	-	-	(X)	(X)	(X)	(X)
Molokai	-	-	(X)	(X)	(X)	(X)
Oahu	135	3,060	2.3	475.7	29	3.9
Kauai	38	622	2.3	700.0	16	4.6

X Not applicable.

1/ Geometric mean, number per 100 ml. The geometric mean standard for Enterococci density is 7 per 100 ml.

2/ The lowest reported average value for 2007 was shared by 14 stations, one of which was Hualalai 4 Seasons on the island of Hawaii. The lowest reported average value for 2008 was shared by 99 stations, one of which was Pine Trees on the island of Hawaii.

3/ The highest average value in 2007 was reported for Kawela Bay, on the island of Oahu.

The highest average value in 2008 was reported for Black Pot Beach on the island of Kauai

4/ Not weighted by number of samples.

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

**Table 5.29-- WATER QUALITY AT SELECTED PUBLIC BEACHES:  
2007 AND 2008**

Island and beach	Number of samples		Enterococci density 1/	
	2007	2008	2007	2008
Hawaii	1,011	1,615	(X)	(X)
Hilo Shoreline	757	961	(X)	(X)
Hilo Bay ( Canoe Beach)	94	105	5.6	4.6
Honolii Cove (Ocean)	94	106	10.0	4.8
Kona Shoreline	254	654	(X)	(X)
Anaehoomalu Bay	25	80	3.0	3.0
Kahaluu Beach Park	21	75	3.9	3.1
Spencer Beach Park	9	13	2.3	3.0
Maui	911	1207	(X)	(X)
Hukilau Hotel shoreline	80	103	3.6	3.5
Kamaole Beach #1	79	103	3.0	3.1
Kihei (south)	80	103	4.0	4.0
Spreckelsville Beach	80	103	3.1	2.8
Wailea Beach	74	101	3.7	3.6
Oahu	3,124	3,060	(X)	(X)
Ala Moana Park (center)	83	104	6.0	7.1
Hanauma Bay	104	110	4.0	3.1
Kailua Beach Park	103	110	5.5	5.0
Kuhio Beach	120	119	7.3	6.9
Makaha Beach	102	106	3.3	4.0
Sunset Beach	101	106	3.2	3.1
Waimea Beach	100	105	4.5	3.5
Kauai	555	622	(X)	(X)
Hanapepe Salt Pond	87	98	3.5	2.9
Kalapaki Beach (middle)	90	99	8.0	6.0
Kekaha (Oomano Point)	24	1	4.9	2/ 99.0
Lydgate Park (wading pool)	88	99	6.1	3.9
Poipu Beach Pavilion	86	98	3.4	4.3

X Not applicable.

1/ Geometric mean, number per 100 ml. The geometric mean standard for Enterococci density is 7 per 100 ml.

2/ One sample.

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

**Table 5.30-- REFUSE AND SEWAGE STATISTICS FOR OAHU:  
1995 TO 2008**

[Fiscal year ending June 30]

Year	Tons of municipal solid waste delivered 1/			Sewage treated 2/ (millions of gallons)
	Total	City and County refuse vehicles	Other vehicles	
1995	1,017,709	325,381	692,328	43,175
1996	959,793	288,057	671,736	41,403
1997	945,081	302,078	643,003	42,616
1998	861,831	295,117	566,714	41,289
1999	830,035	284,007	546,028	40,750
2000	868,588	298,207	570,381	41,444
2001	955,019	326,696	628,323	40,369
2002	897,068	300,833	596,235	40,025
2003	890,275	344,786	545,489	40,524
2004	933,028	350,298	582,730	44,472
2005	952,703	368,288	584,415	40,975
2006	937,726	363,233	574,493	42,275
2007	909,587	433,962	475,625	38,345
2008	883,365	447,972	435,393	39,217

Year	Sewage pumped 2/ (millions of gallons)	Miles of sewers 2/	City and County pump stations	City and County treatment plants
1995	53,088	1,893	64	8
1996	52,114	1,910	65	8
1997	54,197	1,940	63	8
1998	50,605	1,940	64	8
1999	49,379	1,970	65	8
2000	49,623	2,230	65	8
2001	48,626	2,230	65	8
2002	49,851	2,399	65	8
2003	50,497	3/ 2,205	65	8
2004	50,969	2,212	65	8
2005	44,476	2,268	66	8
2006	44,168	2,268	66	8
2007	43,388	3/ 2,105	67	9
2008	49,538	(NA)	67	9

NA Not available.

1/ Excludes small landfill controlled by armed forces.

2/ Data limited to system maintained by the City and County of Honolulu, Department of Environmental Services.

3/ GIS editing for more accurate dimensions resulted in a reduction of lateral length.

Source: City and County of Honolulu, Department of Environmental Services, records.

**Table 5.31-- AIR QUALITY IN DOWNTOWN HONOLULU: 1988 TO 2008**

[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	2000	14	0.7
1989	-	1.8	2001	16	0.6
1990	-	1.5	2002	15	0.6
1991	-	1.7	2003	15	0.6
1992	-	1.6	2004	13	0.6
1993	13	1.8	2005 3/	14	0.6
1994	14	0.8	2006 4/	13	0.4
1995	14	0.8	2007	14	0.5
1996	14	0.8	2008	14	0.5
1997	8	0.8			
1998	9	0.8			
1999	14	0.6			

1/ The State and Federal 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. The State Ambient Air Standard for 1-hour CO is 9 ppm and the Federal standard is 35 ppm.

3/ Represents data until July 14, 2005, when the monitoring station was closed for roof repairs.

4/ Represents data from August 5, 2006, after completion of roof repairs.

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

**Table 5.32-- AIR QUALITY AT SPECIFIED LOCATIONS: 2008**

[24-hour average]

Sampling station 1/	PM <sub>10</sub> (µg/m <sup>3</sup> ) 2/			Sulfur dioxide (ppm) 3/		
	Annual range		Annual arithmetic average	Annual range		Annual arithmetic average
	Minimum	Maximum		Minimum	Maximum	
Oahu						
Downtown Honolulu	6	34	5	-	0.004	0.001
Pearl City	7	4/ 73	18	(NA)	(NA)	(NA)
Kapolei	4	61	18	-	0.005	0.001
Makaiwa	(NA)	(NA)	(NA)	-	0.008	0.001
West Beach 5/	1	23	10	-	0.005	0.001

NA Not available.

1/ The Liliha and Waimanalo stations on Oahu and the Lihue station on Kauai were closed.

2/ Particulate matter up to 10 microns in diameter. The State and Federal Ambient Air Standard for 24-hr PM<sub>10</sub> is 150 µg/m<sup>3</sup>.

3/ The State and Federal Ambient Air Standard for 24-hr SO<sub>2</sub> is 0.14 ppm.

4/ Probably due to New Year's fireworks.

5/ Manual PM<sub>10</sub> samplers operated for 24 hours, once every 6 days in accordance with EPA guidelines.

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

**Table 5.33-- RELEASE OF TOXICS: 1999 TO 2007**

[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	2/ 3,102,730	2,311,635	522,217	89,734	2,736	2/ 176,408
2006	2/ 3,001,294	2/ 2,254,013	2/ 358,266	174,678	4,743	2/ 209,594
2007	3,011,608	2,267,711	446,948	141,716	2,670	152,563

1/ Release is defined as the amount of a toxic chemical released on-site (to air, water, underground injection, landfills, and other land disposal), and the amount transferred off-site for disposal.

2/ Revised from previous *Data Book*.

Source: U.S. Environmental Protection Agency, *Hawaii Report: Toxics Release Inventory* (annual) <<http://www.epa.gov/region09/toxic/tri/report/07/HiStateReport-2007.pdf>> accessed July 20, 2009.

**Table 5.34 -- RELEASE OF PERSISTENT, BIOACCUMULATIVE AND TOXIC (PBT) CHEMICALS: 2000 TO 2007**

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

Year	Total on- and off-site disposal or other releases 1/						
	Lead	Lead compounds	PAC's 2/	Mercury compounds	Mercury	Benzo (g,h,i) perylene	Dioxin 3/
2000	(NA)	(NA)	2,592	101	(NA)	0.92	5.893
2001	120,024	9,443	1,476	200	(NA)	0.89	6.110
2002	83,854	8,058	1,407	317	-	0.95	6.330
2003		106,067	1,533		203	1.18	5.129
2004		131,952	1,786		187	9.84	5.390
2005		46,192	1,683		211	213.00	5.100
2006	4/ 90,131		4/ 1,467		127	7.00	4/ 5.000
2007		81,219	1,269		203	6.00	5.000

NA Not available.

1/ Release is defined as the amount of a toxic chemical released on-site (to air, water, underground injection, landfills, and other land disposal), and the amount transferred off-site for disposal.

2/ Polycyclic aromatic compounds.

3/ Dioxin and dioxin-like compounds (in grams).

4/ Revised from previous *Data Book*.

Source: U.S. Environmental Protection Agency, *Region 9: Toxics Release Inventory* (annual) <<http://www.epa.gov/region09/toxic/tri/report/07/HiStateReport-2007.pdf>> accessed July 20, 2009.

**Table 5.35-- ATMOSPHERIC CARBON DIOXIDE MEASUREMENTS  
AT MAUNA LOA: ANNUAL MEAN VALUES, 1958 TO 2008**

[Average carbon dioxide mixing ratio, parts per million]

Year	Annual average	Year	Annual average	Year	Annual average
1958	1/ 315.17	1976	332.04	1994	358.51
1959	315.83	1977	333.79	1995	360.62
1960	316.75	1978	335.35	1996	362.40
1961	317.49	1979	336.73	1997	363.54
1962	318.30	1980	338.72	1998	366.61
1963	318.83	1981	340.12	1999	368.33
1964	2/ 319.04	1982	341.21	2000	369.62
1965	319.87	1983	342.87	2001	371.20
1966	321.21	1984	344.48	2002	372.99
1967	322.02	1985	345.85	2003	375.82
1968	322.83	1986	347.21	2004	377.54
1969	323.93	1987	348.98	2005	379.97
1970	325.27	1988	351.34	2006	3/ 381.89
1971	326.17	1989	352.89	2007	3/ 383.86
1972	327.26	1990	354.26	2008	385.61
1973	329.45	1991	355.45		
1974	1/ 329.72	1992	356.58		
1975	4/ 331.14	1993	357.01		

1/ Based on data for 8 months.

2/ Based on data for 9 months.

3/ Revised from previous *Data Book*.

4/ Based on data for 11 months.

Source: National Weather Service, Pacific Region, Honolulu (for 1958-1991); Mauna Loa Observatory (for 1992-1999); U.S. Department of Commerce, National Oceanic & Atmospheric Administration (NOAA), Cooperative Global Air Sampling Network, Global Monitoring Division, Earth Systems Research Laboratory (ESRL), records.

**Table 5.36-- TEMPERATURES AND PRECIPITATION FOR SELECTED PLACES**

[Updated through December 2008]

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	2/ 128.53
Hawaii Volcanoes Nat. Park Hdq.	3,970	52.7	69.2	34	89	2/ 109.06
Naalehu	800	65.8	79.4	50	93	2/ 48.01
Kailua	700	2/ 57.4	76.3	46	88	2/ 118.88
Puako 3/	5	68.3	83.8	52	92	9.09
Waimea (Kamuela)	2,670	(NA)	(NA)	34	95	2/ 49.77
Honokaa	1,080	(NA)	(NA)	(NA)	(NA)	2/ 79.57
Mauna Kea summit 4/	13,796	31.3	42.5	11	66	2/ 7.36
Maui:						
Hana Airport 5/	75	67.4	80.8	50	94	80.76
Haleakala summit 6/	10,025	38.9	54.6	14	73	36.52
Kihei 7/	85	70.9	78.4	49	98	15.20
Kahului Airport	51	67.4	83.8	48	97	2/ 18.68
Lahaina 8/	45	65.9	84.8	52	97	13.77
Molokai:						
Kaunakakai	12	(NA)	(NA)	(NA)	(NA)	2/ 14.16
Molokai Airport	450	67.7	81.4	46	96	2/ 25.88
Lanai:						
Lanai City 9/	1,620	62.4	75.4	47	92	2/ 34.69

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**Table 5.36-- TEMPERATURES AND PRECIPITATION FOR SELECTED PLACES -- Con.**

Island and station	Ground elevation (feet)	Average temperature 1/ (°F)		Extreme temperature of record (°F)		Average annual precipitation (inches)
		Coollest month	Warmest month	Lowest	Highest	
Oahu:						
Honolulu International Airport	7	70.3	84.0	52	96	2/ 20.55
Waikiki (Honolulu Zoo)	10	69.1	84.6	42	95	2/ 23.92
Manoa (Lyon Arboretum)	500	66.5	79.1	49	96	2/ 152.42
Kaneohe (State Hospital)	2/ 60	71.5	83.0	58	96	2/ 54.77
Kahuku 10/	15	68.9	80.8	51	99	40.86
Wheeler AFB 11/	820	68.2	75.5	52	89	38.46
Kauai:						
Kilauea (town)	320	67.1	2/ 79.8	50	90	2/ 51.79
Lihue Airport	103	69.8	81.1	50	90	2/ 41.30
Poipu (Makahuena Pt.) 6/	50	69.3	82.6	50	95	34.35
Kekaha 12/	9	64.5	84.8	44	95	20.66
Kokee (Kanalohuluhulu)	3,600	2/ 51.0	67.3	29	90	2/ 66.80
Northwestern Hawaiian Islands:						
Midway 13/	10	65.0	78.6	52	89	44.00

Continued on next page.

**Table 5.36-- TEMPERATURES AND PRECIPITATION FOR SELECTED PLACES -- Con.**

NA Not available.

1/ For some stations, data represent 30-year normals.

2/ Revised from previous *Data Book*.

3/ Data available through 1976. Temperature data are for Mahukona.

4/ 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 1953, refer to Puunene Airport.

8/ Data available through 2001.

9/ Data available through 2008.

10/ Data available through 1975.

11/ Data available through 1949.

12/ Data available through 2000.

13/ Data available through 1991, not confirmed.

Source: Hawaii State Department of Land and Natural Resources, Commission on Water Resource Management, records; University of Hawaii at Manoa, School of Ocean and Earth Science and Technology, Department of Meteorology, records.

**Table 5.37-- ENVIRONMENTAL INDICATORS: 2004 TO 2006**

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

NA Not available.

1/ In percent. Latest data equal to or better than desired level = 100. Latest data equal to undesirable level = 0.

2/ Carbon dioxide equivalent.

3/ Fiscal year ending June 30.

4/ Fiscal year ending September 30.

5/ Fiscal year ending September 30. Municipal solid waste recycled or composted. Does not include waste sent to H-Power for incineration and power generation.

6/ Revised from previous *Data Book*.

7/ Fiscal year ending September 30. Below 1994 maximum microbiological and chemical contaminant levels.

Source: State of Hawai'i, Environmental Council, *Environmental Report Card* (annual); <<http://oeqc.doh.hawaii.gov>> accessed June 30, 2009.

**Table 5.38-- CLIMATIC NORMALS, MEANS, AND EXTREMES FOR HILO, KAHULUI, HONOLULU, AND LIHUE AIRPORTS: 2008**

[Normals are 30-year averages (1971 - 2000)]

Subject	Hilo	Kahului	Honolulu	Lihue
Temperatures (°F)				
Normal daily maximum, annual	81.0	84.3	84.7	81.1
Highest daily maximum	94	97	95	90
Month and year of occurrence	May 1966	Aug 1994	Sep 1994	Sep 1995
Normal daily minimum, annual	66.7	67.3	70.2	70.3
Lowest daily minimum	53	22	53	50
Month and year of occurrence	Feb 1962	Jan 2004	Jan 1998	Jan 1969
Normal dry bulb (temperature of ambient air)				
Coolest	71.4	71.8	73.0	71.7
Month	Jan	Jan	Jan, Feb	Jan, Feb
Warmest	76.3	79.5	81.8	79.7
Month	Aug	Aug	Aug	Aug
Annual	73.9	75.8	77.5	75.7
Normal no. days with maximum 90°F and above	1.2	25.9	35.5	0.3
Normal relative humidity (percent), annual				
8 a.m.	80	74	72	77
2 p.m.	68	58	56	66
Percent of possible sunshine, annual	41	67	71	1/ 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	6.9	1/ 13.1	1/ 10.4	1/ 13.5
Maximum 2-minute	37	48	40	48
Month and year of occurrence	Feb 2006	Jan 2004	Jan 2004	Dec 2007
Precipitation (inches)				
Normal, annual	126.27	18.80	18.29	39.57
Maximum monthly	50.82	14.46	20.79	36.13
Month and year of occurrence	Dec 1954	Jan 1980	Mar 1951	Mar 2006
Minimum monthly	0.13	-	(2/)	(2/)
Month and year of occurrence	Jan 1998	Jun 1957	Aug 1974	Feb 1983
Maximum in 24 hours	27.36	7.01	17.07	11.54
Month and year of occurrence	Nov 2000	Jan 1980	Mar 1958	Dec 1968

1/ Revised from previous *Data Book*.

2/ Trace precipitation.

Source: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Climatic Data Center, *Local Climatological Data, Annual Summary with Comparative Data, 2008*, "Normals, Means, and Extremes", for Hilo, Kahului, Honolulu, and Lihue (annual).

**Table 5.39-- MONTHLY AND ANNUAL CLIMATIC DATA FOR HONOLULU INTERNATIONAL AIRPORT:  
2008**

Month	Normal temperature (°F)			Extreme temperature (°F)		Precipitation (inches)			
	Daily maximum	Daily minimum	Normal dry bulb 1/	Highest daily maximum	Lowest daily minimum	Normal	Maximum monthly	Minimum monthly	Maximum in 24 hours
January	80.4	65.7	73.0	88	53	2.73	14.74	0.18	6.72
February	80.7	65.4	73.0	88	53	2.35	13.68	0.06	6.88
March	81.7	66.9	74.3	88	55	1.89	20.79	0.01	17.07
April	83.1	68.2	75.6	91	57	1.11	8.92	0.01	4.21
May	84.9	69.6	77.2	93	60	0.78	7.23	0.03	3.44
June	86.9	72.1	79.5	92	65	0.43	2.46	(2/)	2.28
July	87.8	73.8	80.8	94	66	0.50	2.33	0.03	2.20
August	88.9	74.7	81.8	93	67	0.46	3.74	(2/)	3.03
September	88.9	74.2	81.5	95	66	0.74	2.74	0.05	1.40
October	87.2	73.2	80.2	94	61	2.18	11.15	0.07	7.57
November	84.3	71.1	77.7	93	57	2.27	18.79	0.03	9.15
December	81.7	67.8	74.8	89	54	2.85	17.29	0.04	8.25
Annual	84.7	70.2	77.5	95	53	18.29	20.79	(2/)	17.07

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**Table 5.39-- MONTHLY AND ANNUAL CLIMATIC DATA FOR HONOLULU INTERNATIONAL AIRPORT:  
2008 -- 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	8.8	40	65	9.5	8.5	8.8
February	79	59	9.2	37	68	8.1	7.6	7.9
March	73	57	10.2	32	72	7.4	9.3	9.0
April	70	55	11.2	35	70	5.9	9.6	8.6
May	67	54	10.6	29	72	6.7	8.7	7.3
June	66	52	12.0	30	74	6.5	6.2	5.8
July	68	52	12.1	30	76	7.4	5.1	7.2
August	68	52	11.8	31	77	8.0	5.7	5.4
September	70	53	10.3	30	77	7.9	5.7	6.9
October	71	56	9.8	31	71	7.5	8.1	7.3
November	75	59	9.6	30	64	7.2	8.8	9.1
December	79	60	9.6	39	63	7.9	8.7	9.7
Annual	72	56	10.4	40	71	90.0	92.0	93.0

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, 2008*, "Normals, Means, and Extremes, Honolulu, HI" (annual).

**Table 5.40-- AVERAGE TEMPERATURE, PERCENT OF POSSIBLE SUNSHINE, AND PRECIPITATION, FOR HONOLULU INTERNATIONAL AIRPORT: 1950 TO 2008**

Year	Average temperature (°F)	Percent of possible sunshine	Precipitation (inches)	Year	Average temperature (°F)	Percent of possible sunshine	Precipitation (inches)
1950	75.7	(NA)	31.68	1980 1/	77.4	68	26.90
1951	76.3	(NA)	39.73	1981 1/	77.1	68	13.41
1952	75.4	(NA)	10.65	1982 1/	76.9	67	34.92
1953	75.9	71	9.97	1983 1/	77.2	67	5.03
1954	75.8	68	27.30	1984 1/	78.1	67	17.08
1955	74.5	62	37.86	1985 1/	76.9	67	17.38
1956	75.9	69	21.23	1986 1/	78.3	68	13.93
1957	76.0	72	24.22	1987 1/	77.9	68	23.53
1958	75.3	70	35.02	1988 1/	78.5	68	16.47
1959	76.7	70	14.14	1989 1/	77.5	68	27.52
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				

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, 2008*, "Average Temperature (°F), Honolulu, HI", "Normals, Means, and Extremes, Honolulu, HI", "Precipitation (inches), Honolulu, HI" (annual).

**Table 5.41-- AVERAGE DAILY TEMPERATURE AND DAYS WITH MAXIMUM OF 90° OR HIGHER, FOR HONOLULU INTERNATIONAL AIRPORT: 1971 TO 2008**

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

Source: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Climatic Data Center, *Local Climatological Data, Annual Summary With Comparative Data, 2008*, "Meteorological Data, Honolulu, HI " (annual).

**Table 5.42-- CLIMATIC DATA FOR HONOLULU INTERNATIONAL AIRPORT: 1995 TO 2008**

Year	Average temperature (°F) 1/			Extreme temp. (°F)		Precipitation (inches)
	Annual	Coolest month	Warmest month	Lowest	Highest	
1995	79.3	73.4	83.4	56	94	13.60
1996	78.6	74.0	82.8	56	93	33.12
1997	77.8	72.3	82.7	57	94	19.99
1998	77.1	72.5	81.1	53	89	4.52
1999	76.9	73.3	80.8	60	89	11.99
2000	77.6	72.5	81.4	59	90	7.10
2001	78.2	74.1	82.2	59	92	9.14
2002	77.9	73.1	82.2	60	90	12.18
2003	78.5	72.5	83.2	57	92	12.69
2004	78.7	73.6	82.8	60	92	39.01
2005	78.4	72.7	83.6	58	93	15.60
2006	77.1	72.1	81.2	60	90	29.45
2007	78.0	73.4	82.1	57	91	11.99
2008	78.3	73.6	82.2	62	90	14.76

Year	Relative humidity (percent)		Wind speed (miles/hour)		Percent of possible sunshine 2/	Days with precipitation .01 inch or more
	8 a.m.	2 p.m.	Annual average	Peak gust		
1995	74	57	10.7	41	89	81
1996	73	56	9.6	40	(NA)	106
1997	80	57	10.0	41	88	105
1998	72	56	11.0	(NA)	(NA)	74
1999	73	57	11.0	(NA)	(NA)	94
2000	75	60	10.9	(NA)	(NA)	67
2001	73	58	11.3	(NA)	(NA)	84
2002	72	58	10.2	(NA)	(NA)	64
2003	71	56	10.5	(NA)	(NA)	87
2004	75	61	9.7	(NA)	(NA)	122
2005	71	55	10.6	(NA)	(NA)	90
2006	66	58	9.9	(NA)	(NA)	97
2007	63	54	11.1	(NA)	(NA)	83
2008	62	53	10.0	(NA)	(NA)	92

NA Not available.

1/ Average dry bulb (temperature of the ambient air).

2/ Revised from previous *Data Book*.

Source: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Climatic Data Center, *Local Climatological Data, Annual Summary With Comparative Data, 2008*, "Meteorological Data, Honolulu, HI" (annual).

**Table 5.43-- CLIMATIC DATA FOR THE PERIOD OF RECORD**

Subject	Date	Place	Magnitude
Long-term averages:			
Lowest monthly average minimum temp. (°F)	February	Mauna Kea summit	23.5
Lowest monthly average daily temp. (°F)	February	Mauna Kea summit	31.3
Highest monthly average maximum temp. (°F)	September	Kawaihae 1/	91.9
Highest monthly average daily temp. (°F)	September	Kawaihae 1/	80.8
Lowest average annual rainfall (inches)	...	Kawaihae	8.7
Highest average annual rainfall (inches)	...	Waialeale	444
Single events:			
Lowest temperature of record (°F)	Jan. 20, 1970	Mauna Kea summit 2/	1.4
Highest temperature of record (°F)	April 27, 1931	Pahala	100
Lowest annual rainfall of record (inches)	1953	Kawaihae	0.2
Highest annual rainfall of record (inches)	1982	Waialeale	666
Highest wind speed of record (m.p.h.)	Sept. 11, 1992	Makahuena Pt. 3/	143

1/ Puukohola Heiau National Historical Site, Kawaihae, Hawaii.

2/ Recorded by Dr. Alfred Woodcock 60 meters inside the Mauna Kea summit cone, at 6:50 a.m. The rim at that time had a temperature of 39°F.

3/ Makahuena Point Coast Guard Station, Poipu, Kauai.

Source: Hawaii State Department of Land and Natural Resources, Commission on Water Resource Management, data provided February 14, 1995.

**Table 5.44--RAINFALL AT SPECIFIED LOCATIONS: ANNUALLY,  
1997 TO 2007**

[In inches]

Year	Hawaii				Maui		
	Hilo Airport	Lalamilo	Kona Village	Naalehu	Kahului Airport	Kihei	Lahaina
1997	131.61	17.48	15.57	49.43	23.08	19.96	16.68
1998	76.12	8.86	1.37	17.62	6.36	4.47	1.86
1999	117.10	8.10	3.93	36.55	7.04	7.13	6.11
2000	119.45	6.85	6.31	36.03	9.66	3.26	6.01
2001	111.55	6.91	8.05	38.09	9.31	4.84	1.65
2002	132.36	18.01	9.70	59.15	15.01	13.33	(NA)
2003	91.38	12.40	5.66	28.71	13.83	12.03	(NA)
2004	137.49	23.40	19.97	46.95	26.17	26.38	(NA)
2005	123.32	15.58	14.90	31.48	42.13	10.88	(NA)
2006	122.02	10.61	9.68	76.33	18.65	16.49	(NA)
2007	106.75	16.39	4.76	42.46	13.06	14.61	(NA)

Year	Oahu				Kauai		
	Waikiki	University of Hawaii	Nuuanu Res. 4	Kane-ohe	Koloa	Lihue Airport	Princeville
1997	25.30	40.62	116.22	62.28	42.02	48.02	81.57
1998	10.97	24.50	74.62	28.52	33.72	26.47	56.52
1999	19.09	26.55	88.06	30.76	40.25	33.18	72.98
2000	6.86	18.87	88.20	31.10	30.55	17.96	52.92
2001	15.73	22.69	82.73	32.22	27.00	27.75	72.05
2002	17.26	23.66	106.70	44.16	41.81	31.92	66.81
2003	27.23	24.96	111.33	50.75	36.36	35.78	74.82
2004	43.81	61.89	146.17	81.26	64.89	49.91	93.17
2005	19.26	36.45	83.73	58.24	40.51	27.41	79.95
2006	31.84	38.90	89.54	81.28	69.28	67.02	91.58
2007	18.69	36.22	97.26	45.19	43.52	24.37	72.09

NA Not available.

Source: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Climatic Data Center, *Climatological Data, Annual Summary, Hawaii and Pacific* (annual); Hawaii State Department of Land and Natural Resources, Commission on Water Resource Management, records; University of Hawaii at Manoa, School of Ocean and Earth Science and Technology, Department of Meteorology, records.

**Table 5.45-- MAJOR HURRICANES: 1950 TO 2008**

Hurricane name	Date 1/	Islands most affected	Maximum recorded winds ashore (m.p.h.)		Deaths	Property damage (mil. dol.)
			Sustained	Peak gusts		
Hiki	Aug. 15-17, 1950	Kauai	68	(NA)	1	0.2
Della	Sept. 4, 1957	French Frigate Shoals	82	109	-	Minor
Nina	Dec. 1-2, 1957	Kauai	(NA)	92	1	0.1
Dot	Aug. 6, 1959	Kauai	81	103	-	5.5+
Fico	July 18-20, 1978	Hawaii	(NA)	58+	-	0.2
Iwa	Nov. 23, 1982	Kauai, Oahu	65	117	1	234.0
Estelle	July 22, 1986	Maui, Hawaii	(NA)	55	-	2.0
Iniki	Sept. 11, 1992	Kauai, Oahu	92	143	8	1,900

NA Not available.

1/ Period affecting the Hawaiian Islands.

Source: Samuel L. Shaw, *A History of Tropical Cyclones in the Central North Pacific and the Hawaiian Islands, 1832-1979* (U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Weather Service, September 1981); Hawaii State Department of Defense, Civil Defense Division, *Catalogue of Natural and Man-Caused Incidents and Disasters in the Hawaiian Islands* (December 1978); The Governor's Ad Hoc Committee on the Economic Impact of Hurricane Iwa, *Hurricane Iwa's Economic Impact on Hawaii* (January 1983); "The History of Hurricanes in Hawaii", *Honolulu Star-Bulletin*, July 18, 1983, p. A-5; "20-Foot Waves Hit Big Isle As Storm Brushes Coastline", *The Honolulu Advertiser*, July 23, 1986, pp. A1, A2; "Hawaii Hurricanes", *Honolulu Star-Bulletin*, August 4, 1988, p. A-8; Hawaii State Department of Land and Natural Resources, Commission on Water Resource Management, records; University of Hawaii at Manoa, School of Ocean and Earth Science and Technology, Department of Meteorology, records.

**Table 5.46-- TRADE WINDS, HIGH SURF, AND TEMPERATURES  
IN HAWAIIAN WATERS, BY MONTH**

Month	Trade wind frequency 1/ (percent)	Expected days of strong trade winds 2/	Highest surf 3/ (average number of days)		Water temperature 4/ (°F)	
			Flat or 1 foot	6 feet or more	Mean maximum	Mean minimum
Jan.	42	9	1	19	74.7	71.1
Feb.	55	7	1	16	75.6	70.3
March	61	10	1	12	76.5	71.8
April	74	10	3	7	77.7	73.0
May	86	7	8	3	79.5	74.7
June	91	7	15	-	81.1	77.7
July	95	10	16	-	81.1	78.3
Aug.	94	7	15	-	81.9	79.2
Sept.	83	4	10	2	81.9	78.4
Oct.	71	4	1	12	81.1	77.2
Nov.	64	8	-	19	79.3	74.5
Dec.	57	9	-	20	75.9	71.4
Annual	73	92	71	110	78.6	74.8

1/ Mean monthly frequency of trade winds in Hawaiian waters.

2/ Expected number of hazardous days in Hawaiian waters due to strong trade winds.

3/ Observations at Sunset Beach, Oahu. Annual averages were: flat or 1 foot, 71 days; 2-5 feet, 184 days; 6-10 feet, 71 days; 11-15 feet, 26 days; 16 feet or higher, 13 days.

4/ Observations at Kaneohe, Oahu. The mean ranged from 73.0 in January and February to 80.2 in August. Absolute maximums and minimums were respectively 84 (in July, August, and October) and 68 (December and February).

Source: Paul Haraguchi, *Weather in Hawaiian Waters* (Honolulu: Pacific Weather, Inc., 1979), pp. 14, 22, 56, and 74; Hawaii State Department of Land and Natural Resources, Commission on Water Resource Management, data provided February 14, 1995.

**Table 5.47-- SUNRISE, SUNSET, AND HOURS OF DAYLIGHT AT  
SELECTED LOCATIONS, AT BEGINNING OF EACH SEASON: 2009**

[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	6:41
June 20	5:42	5:46	5:50	5:55
Sept. 22	6:09	6:15	6:20	6:26
Dec. 21	6:50	6:58	7:05	7:12
Sunset (p.m.)				
March 20	6:32	6:37	6:43	6:49
June 20	7:02	7:10	7:16	7:23
Sept. 22	6:16	6:22	6:27	6:33
Dec. 21	5:47	5:50	5:55	6:00
Daylight (hours, minutes)				
March 20	12, 08	12, 07	12, 08	12, 08
June 20	13, 20	13, 24	13, 26	13, 28
Sept. 22	12, 07	12, 07	12, 07	12, 07
Dec. 21	10, 57	10, 52	10, 50	10, 48

Source: U.S. Naval Observatory, Astronomical Applications Department  
<<http://aa.usno.navy.mil/data/docs/EarthSeasons.php>> and  
<[http://aa.usno.navy.mil/cgi-bin/aa\\_rstablew.pl](http://aa.usno.navy.mil/cgi-bin/aa_rstablew.pl)> accessed December 9, 2008;  
calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 5.48-- SUNRISE, SUNSET, AND HOURS OF DAYLIGHT AT  
SELECTED LOCATIONS, AT BEGINNING OF EACH SEASON: 2010**

[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	6:41
June 21	5:43	5:46	5:50	5:55
Sept. 22	6:09	6:15	6:20	6:26
Dec. 21	6:50	6:58	7:04	7:12
Sunset (p.m.)				
March 20	6:31	6:37	6:43	6:49
June 21	7:02	7:10	7:16	7:24
Sept. 22	6:16	6:22	6:27	6:34
Dec. 21	5:47	5:50	5:55	6:00
Daylight (hours, minutes)				
March 20	12, 07	12, 07	12, 08	12, 08
June 21	13, 19	13, 24	13, 26	13, 29
Sept. 22	12, 07	12, 07	12, 07	12, 08
Dec. 21	10, 57	10, 52	10, 51	10, 48

Source: U.S. Naval Observatory, Astronomical Applications Department  
<<http://aa.usno.navy.mil/data/docs/EarthSeasons.php>> and  
<[http://aa.usno.navy.mil/cgi-bin/aa\\_rstablew.pl](http://aa.usno.navy.mil/cgi-bin/aa_rstablew.pl)> accessed December 9, 2008;  
calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 5.49-- HAWAII AUDUBON SOCIETY BIRD COUNTS OF MAJOR SPECIES IN THE HONOLULU AREA: 2003 TO 2007**

[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	2003	2004	2005	2006	2007
Endemic species: 1/					
'Apapane	21	-	6	2	12
Hawaiian Moorhen 2/	29	24	22	9	19
Hawaiian Stilt 2/	159	175	134	168	174
Oahu 'Amakihi	96	3/ 21	40	28	7
Oahu 'Elepaio	15	3	6	4	10
Indigenous species: 4/					
Black-crowned Night Heron	35	66	39	51	40
Brown Booby	15	7	-	14	5
Great Frigatebird	17	17	115	39	14
Laysan Albatross	2	-	-	1	-
Red-footed Booby	517	996	829	3/ 267	432
White Tern	1	6	(5/)	6/ 28	11
Alien species: 7/					
Cattle Egret	149	189	102	106	98
Common Myna	1,015	1,435	703	861	767
Common Waxbill	297	553	428	672	297
House Finch	117	323	108	191	138
House Sparrow	170	296	140	173	109
Japanese White-eye	298	284	196	266	151
Java Sparrow	506	909	556	553	221
Northern Cardinal	56	92	26	28	22
Nutmeg Mannikin	11	97	9	70	8
Red-billed Leiothrix	123	85	97	68	128
Red-crested Cardinal	180	225	111	141	183
Red-vented Bulbul	551	524	338	401	330
Red-whiskered Bulbul	178	122	123	83	14
Rock Dove	304	268	198	206	66
Spotted Dove	636	717	313	536	237
White-rumped Shama	72	41	27	34	17
Yellow-fronted Canary	10	18	18	7	39
Zebra Dove	1,176	1,902	1,054	1,195	488
Visitor species: 8/					
Mallard	156	74	50	46	110
Pacific Golden-Plover	788	978	859	682	492
Ruddy Turnstone	232	336	199	214	205
Sanderling	10	10	4	7	4
Wandering Tattler	38	30	16	28	20

Continued on next page.

**Table 5.49-- HAWAII AUDUBON SOCIETY BIRD COUNTS OF MAJOR SPECIES IN THE HONOLULU AREA: 2003 TO 2007 -- Con.**

- 1/ Birds peculiar to Hawaii, and found nowhere else.
- 2/ Endangered species.
- 3/ Low count.
- 4/ Native to Hawaii, but also found elsewhere.
- 5/ Reported in the area during count week, but not reported during the count.
- 6/ High count.
- 7/ Formerly termed "introduced". Includes accidental escapes from captivity.
- 8/ Formerly termed "migratory". Includes stragglers and seasonal migrants.

Source: Hawaii Audubon Society, *'Elepaio*, Volume 64, Number 9, "Results of 2003-2004 Christmas Bird Count - Main Hawaiian Islands", December 2004/January 2005; Volume 65, Number 5, "Results of 2004-2005 Christmas Bird Count - Main Hawaiian Islands", June/July 2005; Volume 66, Number 6, "Results of the 2005 - 2006 Christmas Bird Count", August/September 2006; Volume 67, Number 5, "Results of Audubon's 107th Annual Christmas Bird Count", June/July 2007; Volume 68, Number 5, "Results of Audubon's 108th Annual Christmas Bird Count", June/July 2008; <<http://www.hawaii-audubon.com/newsletter.html>> accessed December 12, 2008.

**Table 5.50-- HAWAII AUDUBON SOCIETY BIRD COUNTS IN THE HONOLULU AREA, BY TYPE OF SPECIES: 1999 TO 2002**

[Counts are made in late December of various locations between Hawaii Kai and Aiea, and between Waimanalo and Kaneohe. Annual changes reflect differences in numbers of bird counters and counting time in the field, as well as changes in bird populations. Totals by species are also affected by the types of habitats studied]

Type of species	Number of species				Number of individuals			
	1999	2000	2001	2002	1999	2000	2001	2002
All species	49	46	52	53	17,343	14,840	16,990	20,458
Endemic	6	7	8	7	259	217	367	279
Indigenous	8	7	6	8	1,108	943	1,232	1,453
Alien	30	27	27	30	14,754	12,351	13,733	16,678
Visitor	5	5	11	8	1,222	1,329	1,658	2,048

Source: Hawaii Audubon Society, 'Elepaio (monthly), and records.

**Table 5.51-- BIRD SPECIES OF HAWAII: 2002**

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

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

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

**Table 5.52-- TREES ALONG STREETS OR IN PARKS UNDER THE JURISDICTION OF THE CITY AND COUNTY OF HONOLULU: 2003 to 2008**

[As of June 30]

Location	2003	2004	2005	2006	2007	2008
Along City and County streets and highways 1/	142,915	142,837	141,999	141,480	140,765	139,650
In City and County parks	95,276	95,224	94,666	94,230	93,184	93,000

1/ Excludes Federal, State, and private thoroughfares.

Source: City and County of Honolulu, Department of Parks and Recreation, Horticulture and Botanical Service, records.

**Table 5.53-- ESTIMATED NUMBER OF SPECIES IN HAWAII: 2002 TO 2008**

[Excludes viruses and bacteria]

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

Source: L. G. Eldredge and N. L. Evenhuis, "Numbers of Hawaiian Species For 2000", *Bishop Museum Occasional Papers* 68 (2002) 71-78; L. G. Eldredge and N. L. Evenhuis, "Hawaii's Biodiversity: A Detailed Assessment of the Numbers of Species in the Hawaiian Islands". *Bishop Museum Occasional Papers* 76 (2003): 1-28; L. G. Eldredge, *Bishop Museum Occasional Papers* 88 (2006): 62-78 and Bishop Museum, records.

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

[As of December 12, 2008]

<b>Group</b>	<b>United States</b>	<b>Hawaii</b>
Animal species	877	99
Amphibians	37	-
Arachnids	13	1
Birds	129	36
Clams	118	-
Corals	2	-
Crustaceans	30	7
Fishes	177	-
Insects	95	23
Mammals	122	3
Reptiles	50	4
Snails	104	25
Plant species	921	375
Conifers and cycads	3	-
Ferns and allies	34	19
Flowering plants	882	356
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 December 12, 2008

## 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: 2009*.

**Table**  
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Narrative

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**Table 6.01-- LAND OWNERSHIP, COVER, OR USE: 1982 TO 1997**

[In thousands of acres. Based on sample data and subject to sampling variation. Small differences between reported values accordingly may not be statistically significant]

Land ownership, cover, or use	1982	1987	1992	1997 1/
Total surface area	4,158.4	4,158.4	4,158.4	4,158.4
Land ownership				
Federal land 2/	321.5	388.0	389.7	361.2
Water area	52.5	52.6	52.4	52.4
Nonfederal land	3,784.4	3,717.8	3,716.3	3,744.8
Developed	149.2	153.1	172.9	179.7
Rural	3,635.2	3,564.7	3,543.4	3,565.1
Land cover or use 3/				
Nonfederal rural land	3,635.2	3,564.7	3,543.4	3,565.1
Cropland	303.1	294.7	274.4	246.3
Cultivated	268.2	252.6	228.6	198.0
Irrigated	169.2	162.9	134.7	101.6
Nonirrigated	99.0	89.7	93.9	96.4
Noncultivated	34.9	42.1	45.8	48.3
Irrigated	8.6	11.0	23.9	21.8
Nonirrigated	26.3	31.1	21.9	26.5
Conservation Reserve Prog. land 4/	-	-	-	-
Pastureland	41.0	33.8	36.1	35.9
Rangeland	1,006.1	996.4	1,011.7	1,008.7
Forest land	1,663.2	1,633.6	1,621.3	1,635.2
Other rural land	621.8	606.2	599.9	639.0
Prime farmland, by cover or use 5/				
Total rural land	269.7	257.9	248.8	249.1
Cropland	185.9	180.6	169.6	150.0
Conservation Reserve Prog. land 4/	-	-	-	-
Pastureland	19.5	15.0	15.6	15.5
Rangeland	38.1	37.4	36.6	43.6
Forest land	25.1	23.4	24.3	25.1
Other rural land	1.1	1.5	2.7	14.9

1/ Annual NRI surveys were conducted in 2001, 2002 and 2003 but only covered the 48 contiguous states. Future estimates will also cover Hawaii, Alaska, the Caribbean, and selected Pacific Basin islands. See the National Resources Inventory 2003 Annual NRI <<http://www.nrcs.usda.gov/technical/land/nri03/nri03landuse-mrb.html>> for discussion.

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

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

4/ Land under a federal program established under the Food Security Act of 1985 to assist private landowners to convert highly erodible cropland to vegetative cover for 10 years.

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

Source: U.S. Department of Agriculture, Natural Resources Conservation Service (formerly the Soil Conservation Service), *1997 National Resources Inventory* (revised December 2000)

<[http://www.nrcs.usda.gov/technical/NRI/1997/summary\\_report](http://www.nrcs.usda.gov/technical/NRI/1997/summary_report)> accessed June 5, 2006.

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

Subject	June 1994: Oahu total	June 1998		
		Oahu total	Honolulu district	Rest of Oahu
<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 2006**

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

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

1/ These totals differ somewhat from the official figures based on measurements by the Geography Division of the U.S. Bureau of the Census, cited in Section 5. The increase in the 1983 total area reflects additions to the Urban District on Oahu at Honolulu International Airport (Reef runway and South Ramp refill) created from former submerged lands.

2/ For definitions, see Hawaii Revised Statutes, Section 205-2.

3/ For changes in classification resulting from court decisions on past Commission actions.

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

Source: Hawaii State Department of Business, Economic Development & Tourism, Land Use Commission, records.

**Table 6.04-- ESTIMATED ACREAGE OF LAND USE DISTRICTS,  
BY ISLAND: DECEMBER 31, 2006**

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

Island	Total area 1/	Classification by State Land Use Commission 2/			
		Urban	Conservation	Agricultural	Rural
State total	4,112,388	197,663	1,973,631	1,930,224	10,870
Hawaii 3/	2,573,400	53,722	1,304,347	1,214,040	1,291
Maui	465,800	22,823	194,836	244,088	4,053
Kahoolawe	28,800	-	28,800	-	-
Lanai	90,500	3,257	38,197	46,639	2,407
Molokai	165,800	2,539	49,768	111,627	1,866
Oahu 3/	386,188	100,764	156,614	128,810	-
Kauai	353,900	14,558	198,769	139,320	1,253
Niihau	45,700	-	-	45,700	-
Kaula and Lehua	400	-	400	-	-
Other islands 4/	1,900	-	1,900	-	-

1/ These totals differ somewhat from the official figures based on measurements by the Geography Division of the U.S. Bureau of the Census, cited in Section 5.

2/ For definitions, see Hawaii Revised Statutes, Section 205-2.

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

4/ The Northwestern Hawaiian Islands, from Nihoa to Kure Atoll, excluding Midway.

Source: Hawaii State Department of Business, Economic Development & Tourism, Land Use Commission, records.

**Table 6.05-- NUMBER OF LAND RECORDS, BY COUNTY: 1991 TO 2009**

[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

NA Not available.

Source: City and County of Honolulu, Department of Budget & Fiscal Services, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates, & Exemptions Tax Year, State of Hawaii* (annual) and <<https://www.realpropertyhonolulu.com/portal/rpadcms/Reports?parent=REPORTS>> accessed November 20, 2008; and earlier reports as the Department of Finance.

**Table 6.06-- REAL PROPERTY TAX EXEMPTIONS FOR CEMETERIES,  
CHURCHES, HOSPITALS AND SCHOOLS, BY COUNTY: 2009**

[For fiscal year ending June 30]

Category	Cemeteries	Churches	Hospitals	Schools
NUMBER				
State total	108	1,486	78	190
Honolulu	44	827	59	119
Maui	7	225	12	11
Hawaii	45	291	2	57
Kauai	12	143	5	3
AMOUNT (\$1,000)				
State total	72,933	2,451,596	596,786	929,510
Honolulu	56,894	1,759,568	517,143	723,431
Maui	1,470	379,746	50,072	104,755
Hawaii	5,377	170,914	15,038	78,902
Kauai	9,192	141,368	14,533	22,422

Source: City and County of Honolulu, Department of Budget and Fiscal Services, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates & Exemptions, 2008-2009 Tax Year, State of Hawaii* (August 2008) and <<https://www.realpropertyhonolulu.com/portal/rpadcms/Reports?parent=REPORTS>> accessed November 26, 2008.

**Table 6.07-- LAND OWNED IN FEE SIMPLE, BY SELECTED LARGE  
LANDOWNER: 2000 TO 2003**

[In acres. Unless otherwise specified, as of December 31]

<b>Landowner</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
Eight large landowners	976,393	971,977	953,907	822,606
Percent of total land area 1/	23.8	23.6	23.2	20.0
Kamehameha Schools 2/	366,042	366,458	365,794	365,760
Parker Ranch	136,332	136,686	135,312	134,446
Castle & Cooke, Inc.	95,200	94,973	94,760	94,737
Dole Food Company, Inc.	28,515	28,512	28,507	28,472
Samuel M. Damon Estate	121,360	121,360	121,357	3/ 5,336
Alexander and Baldwin, Inc.	90,800	90,600	90,600	90,000
C. Brewer and Company, Ltd.	75,744	71,188	55,377	44,210
James Campbell Estate	62,400	62,200	62,200	59,645

1/ Based on area of 4,110,966 acres.

2/ Formerly known as Bernice P. Bishop Estate. Data as of July 1.

3/ A significant amount of land was conveyed to various entities in 2003.

Source: Hawaii State Department of Business, Economic Development & Tourism, survey of major landowners.

**Table 6.08-- REAL PROPERTY OWNED BY OR LEASED TO THE FEDERAL GOVERNMENT: 2002 TO 2007**

[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	2002	2003	2004	2005	2006	2007 1/
Total number of buildings	15,667	16,640	(NA)	(NA)	(NA)	(NA)
Owned	15,468	16,459	13,642	(NA)	(NA)	(NA)
Leased	199	181	(NA)	(NA)	(NA)	(NA)
Total building area (1,000 sq. ft.)	79,002	86,478	75,838	2/ 61,303	62,234	59,700
Owned	78,225	85,729	74,591	2/ 59,967	60,261	50,300
Leased	777	750	1,247	1,336	1,288	8,800
Otherwise managed	(NA)	(NA)	(NA)	(NA)	685	600
Total Federal Gov't land acreage	(NA)	(NA)	(NA)	(NA)	(NA)	193,450
Owned	672,806	671,580	796,726	(NA)	(NA)	178,286
Public domain 3/	267,945	270,011	(NA)	(NA)	(NA)	(NA)
Acquired by other methods 4/	404,861	401,569	(NA)	(NA)	(NA)	(NA)
Leased	(NA)	(NA)	(NA)	(NA)	(NA)	7,340
Otherwise managed	(NA)	(NA)	(NA)	(NA)	(NA)	7,824
Acreage of the State of Hawaii	4,105,600	4,105,600	4,105,600	(NA)	(NA)	(NA)
Owned by the Federal Gov't (%)	16.4	16.4	19.4	(NA)	(NA)	(NA)

NA Not available.

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

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

3/ Public Domain refers to land the Federal Government owned by virtue of its sovereignty. Public domain includes land that has never left Federal ownership, land acquired by the Federal Government in exchange for other public land, and land reverting to Federal ownership as the result of public land laws.

4/ Includes any land acquired by purchase, condemnation, donation, exchange, and other acquisition methods.

Source: U.S. General Services Administration, *Federal Real Property Profile* (annual)  
<<http://www.gsa.gov/frppreports>> accessed February 4, 2009.

**Table 6.09-- DEPARTMENT OF HAWAIIAN HOME LANDS ACREAGE,  
LESSEES, AND APPLICANTS, BY ISLAND: 2007 AND 2008**

[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
2007							
Acreage 1/	203,151	117,477	31,796	50	25,769	7,495	20,565
Homestead leases 2/	45,566	29,885	2,645	14	11,005	1,111	906
General leases	14,809	12,465	512	-	1,763	68	1
Licenses	24,924	16,461	7,324	-	719	313	107
Others	117,852	58,666	21,315	36	12,282	6,003	19,551
Homestead leases 2/	9,110	2,490	1,280	23	842	3,744	731
Residential	7,607	1,687	1,139	23	392	3,684	682
Agricultural	1,100	505	65	-	423	60	47
Pastoral	403	298	76	-	27	-	2
Applications 2/	38,481	13,623	7,835	61	1,812	11,424	3,726
Residential	19,420	5,401	3,311	61	703	8,503	1,441
Agricultural	16,336	6,453	4,018	-	933	2,921	2,011
Pastoral	2,725	1,769	506	-	176	-	274
2008							
Acreage 1/	203,225	117,550	31,796	50	25,769	7,495	20,565
Homestead leases 2/	45,603	29,885	2,682	14	11,005	1,111	906
General leases	15,133	12,765	512	-	1,763	67	27
Licenses	26,263	17,811	7,326	-	720	319	87
Others	116,226	57,089	21,276	36	12,281	5,999	19,545
Homestead leases 2/	9,539	2,528	1,409	26	843	3,993	740
Residential	8,030	1,719	1,269	26	392	3,933	691
Agricultural	1,102	506	65	-	424	60	47
Pastoral	407	303	75	-	27	-	2
Applications 2/	39,155	13,794	8,049	58	1,844	11,635	3,775
Residential	19,647	5,435	3,368	58	716	8,611	1,459
Agricultural	16,719	6,548	4,158	-	949	3,024	2,040
Pastoral	2,789	1,811	523	-	179	-	276

1/ Acreage rounded to the nearest whole acre.

2/ Residence, agriculture, or pasture. Since applicants may apply for two types of leases, duplications occur. The Department estimates that 2007 and 2008 Statewide applications of 38,481 and 39,155 are held by some 23,668 and 24,296 applicants respectively. Data are subject to audit.

Source: Hawaii State Department of Hawaiian Home Lands, *Annual Report 2007*, pp. 13, 15 and 28; and *Ibid. Annual Report 2008*, pp. 12, 14 and 25 <<http://hawaii.gov/dhhl/publications/annual-reports/>> accessed May 5, 2009.

**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 State Department of Business, Economic Development and Tourism's, Tourism Research Branch (particularly in its annual research reports) and Research and Economic Analysis Division, the State Parks Division of the Hawaii State Department of Land and Natural Resources, U.S. National Park Service, County park and recreation departments, and other organizations. Long-term trends are summarized in *Historical Statistics of Hawaii*, Section 11. National statistics are given in Section 26 of the *Statistical Abstract of the United States: 2009*.

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

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

Narrative

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**Table 7.01-- PASSENGERS ARRIVING, BY POINT OF ORIGIN AND TRANSIT STATUS: 1999 TO 2008**

[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>1/ 1999</b>	<b>1/ 2000</b>	<b>1/ 2001</b>	<b>1/ 2002</b>	<b>2003</b>
All directions	7,804,466	8,105,368	7,447,521	7,628,983	7,557,861
Landing	7,532,452	7,813,875	7,179,804	7,424,631	7,438,045
Intransit	272,014	291,493	267,717	204,352	119,816
Domestic	4,996,355	5,280,997	5,061,618	5,290,418	5,462,304
Landing	4,912,732	5,150,813	4,933,119	5,253,652	5,461,554
Intransit	83,623	130,184	128,499	36,766	750
International	2,808,111	2,824,370	2,385,903	2,338,565	2,095,557
Landing	2,619,720	2,663,061	2,246,685	2,170,979	1,976,491
Intransit	188,391	161,309	139,218	167,586	119,066
<b>Point of origin and status</b>	<b>2004</b>	<b>2005</b>	<b>1/ 2006</b>	<b>2007</b>	<b>2008</b>
All directions	8,225,648	8,840,063	9,049,713	9,011,455	8,034,872
Landing	8,101,166	8,713,112	8,937,555	8,910,672	8,021,780
Intransit	124,482	126,951	112,158	100,783	13,092
Domestic	5,914,311	6,460,134	6,793,781	6,810,847	6,009,005
Landing	5,911,004	6,436,275	6,772,702	6,791,906	6,005,133
Intransit	3,307	23,859	21,079	18,941	3,872
International	2,311,337	2,379,929	2,255,932	2,200,608	2,025,867
Landing	2,190,162	2,276,837	2,164,853	2,118,766	2,016,647
Intransit	121,175	103,092	91,079	81,842	9,220

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.02-- PASSENGER STATUS OF PARTIES AND PASSENGERS  
ARRIVING IN HAWAII, BY POINT OF ORIGIN: 2006 TO 2008**

[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>				
2006, total	(NA)	3,462,405	832,760	(NA)
Domestic	3,553,905	2,775,063	746,438	32,404
International	(NA)	719,266	86,322	(NA)
2007, total	(NA)	3,491,666	601,189	(NA)
Domestic	3,331,381	2,777,378	529,694	24,309
International	(NA)	714,287	71,495	(NA)
2008, total	(NA)	3,186,113	570,029	(NA)
Domestic	2,984,393	2,475,704	484,923	23,766
International	(NA)	710,409	85,105	(NA)
<b>PASSENGERS</b>				
2006, total 2/	9,049,713	7,528,106	1,362,507	(NA)
Domestic 2/	6,793,781	5,550,125	1,175,635	46,942
International 2/	2,255,932	1,977,981	186,872	(NA)
2007, total 2/	9,011,455	7,496,820	1,364,505	(NA)
Domestic 2/	6,810,847	5,582,530	1,160,029	49,347
International 2/	2,200,608	1,914,290	204,476	(NA)
2008, total	8,034,872	6,713,436	1,262,237	(NA)
Domestic	6,009,005	4,901,893	1,057,133	46,107
International	2,025,867	1,811,543	205,104	(NA)

NA Not available.

1/ Not surveyed for intransit passengers.

2/ Revised from previous *Data Book*.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.03-- VISITOR ARRIVALS AND AVERAGE DAILY VISITOR CENSUS:  
1966 TO 2008**

[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

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**Table 7.03-- VISITOR ARRIVALS AND AVERAGE DAILY VISITOR CENSUS:  
1966 TO 2008 -- 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

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt>>.

**Table 7.04-- OVERNIGHT AND LONGER VISITORS TO HAWAII:  
2007 AND 2008**

[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/	2007			2008		
	Total	Domestic	Inter-national	Total	Domestic	Inter-national
All visitors	7,496,820	5,582,530	1,914,290	6,713,436	4,901,893	1,811,543
US West MMA 2/	3,244,707	3,199,318	45,389	2,769,229	2,722,988	46,241
US East MMA 3/	1,901,502	1,857,734	43,768	1,683,114	1,638,669	44,445
Japan MMA	1,296,421	9,174	1,287,247	1,175,199	8,049	1,167,150
Canada MMA	333,397	135,742	197,655	359,580	144,095	215,485
Other Asia MMA 4/	121,109	42,072	79,037	112,548	36,344	76,204
China	56,584	29,439	27,145	54,235	26,081	28,154
Hong Kong	5,549	1,778	3,771	4,764	1,244	3,520
Korea	42,141	7,980	34,161	38,110	6,345	31,765
Singapore	4,513	1,078	3,435	3,957	980	2,977
Taiwan	12,322	1,797	10,525	11,482	1,694	9,788
Oceania MMA 5/	164,151	40,779	123,372	155,480	46,410	109,070
Australia	145,491	35,702	109,789	137,812	41,821	95,991
New Zealand	18,660	5,077	13,583	17,668	4,589	13,079
Europe MMA 6/	108,022	94,652	13,370	115,172	103,696	11,476
United Kingdom	57,622	47,816	9,806	54,212	46,934	7,278
France	8,090	7,148	942	9,342	8,270	1,072
Germany	26,526	25,072	1,454	32,680	30,692	1,988
Italy	8,795	8,269	526	10,758	10,350	408
Switzerland	6,990	6,348	642	8,180	7,450	730
Latin America MMA 7/	19,943	19,316	627	18,896	18,229	667
Argentina	2,757	2,694	63	3,160	3,115	45
Brazil	7,049	6,852	197	7,823	7,610	213
Mexico	10,137	9,770	367	7,912	7,503	409
Other MMA 8/	307,568	183,743	123,825	324,218	183,413	140,805

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**Table 7.04-- OVERNIGHT AND LONGER VISITORS TO HAWAII:  
2007 AND 2008 -- 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) and records. See also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.05-- VISITOR DAYS, BY POINT OF ORIGIN: 1993 TO 2008**

[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]

<b>Year</b>	<b>Total</b>	<b>Domestic</b>	<b>International</b>
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

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt>>.

**Table 7.06-- AVERAGE DAILY VISITOR CENSUS, BY COUNTY AND ISLAND:  
2007 AND 2008**

[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	2007			2008		
	Total	Domestic	Inter-national	Total	Domestic	Inter-national
State total	189,412	150,960	38,452	172,487	135,239	37,248
Oahu	88,092	59,332	28,760	81,751	54,014	27,737
Hawaii County	27,891	24,542	3,350	24,842	21,411	3,432
Kauai County	22,207	21,071	1,135	19,855	18,889	966
Maui County	51,222	46,015	5,207	46,038	40,925	5,113
Maui	49,355	44,328	5,028	44,433	39,493	4,940
Molokai	982	878	104	831	724	107
Lanai	885	810	76	774	708	66

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.07-- VISITOR ARRIVALS, DOMESTIC AND INTERNATIONAL, BY AREA VISITED: 2007 AND 2008**

[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	2007			2008		
	Total	Domestic	Inter-national	Total	Domestic	Inter-national
State total 1/	7,496,820	5,582,530	1,914,290	6,713,436	4,901,893	1,811,543
Oahu	4,694,750	2,950,383	1,744,367	4,193,685	2,554,895	1,638,790
Kauai	1,299,045	1,183,490	115,555	1,030,647	940,777	89,870
Maui County 1/	2,522,043	2,224,813	297,230	2,129,042	1,850,510	278,532
Maui	2,463,594	2,172,682	290,913	2,075,800	1,804,988	270,812
Molokai	83,164	65,197	17,966	68,883	51,017	17,866
Lanai	100,350	81,160	19,190	80,867	66,066	14,801
Hawaii County 1/	1,622,359	1,305,218	317,141	1,321,277	1,026,048	295,229
Hilo	726,892	563,663	163,229	503,449	366,896	136,553
Kona	1,350,401	1,121,428	228,973	1,100,555	879,360	221,195
One island only	5,695,117	4,206,591	1,488,526	5,242,588	3,819,554	1,423,034
Oahu only	3,177,434	1,842,054	1,335,380	2,957,791	1,692,264	1,265,527

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) and records. See also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.08-- SUMMARY CHARACTERISTICS OF OVERNIGHT AND LONGER VISITORS, BY POINT OF ORIGIN: 2007 AND 2008**

[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
2007			
Residence (percent):			
United States	68.6	90.6	4.7
Pacific and Mountain States	43.3	57.3	2.4
California	26.0	34.9	0.9
Males per 100 females	87.0	92.3	76.0
Persons per party	2.1	2.0	2.7
Arriving June-August (percent)	28.2	29.0	26.1
Repeat visitors (percent)	64.7	67.9	55.2
Pleasure trip (percent)	82.0	80.7	85.5
In hotel only	53.3	44.5	79.1
One island only	76.0	75.4	77.8
2008			
Residence (percent):			
United States	66.3	89.0	5.0
Pacific and Mountain States	41.2	55.5	2.6
California	23.5	31.8	1.2
Males per 100 females	94.5	99.2	79.8
Persons per party	2.1	2.0	2.6
Arriving June-August (percent)	26.8	27.1	26.0
Repeat visitors (percent)	65.2	69.1	54.6
Pleasure trip (percent)	81.2	79.8	85.0
In hotel only	54.3	45.4	78.6
One island only	78.1	77.9	78.6

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.09-- DOMESTIC VISITORS BY STATE AND REGION:  
2007 AND 2008**

[Covers visitors staying overnight or longer anywhere in the state, and any overnight or non-overnight interisland trips reported by these visitors. Domestic includes passengers from all flights originating from the mainland United States. International includes passengers from all flights originating from U.S. territories and other countries]

Residence	2007	2008
United States	5,057,052	4,361,657
Pacific	2,558,488	2,171,206
Alaska	46,577	56,075
California	1,946,829	1,557,050
Oregon	179,235	172,079
Washington	385,846	386,002
Mountain	640,831	551,782
Arizona	190,089	152,122
Colorado	145,590	133,645
Idaho	41,222	36,683
Montana	20,105	20,218
Nevada	96,806	76,733
New Mexico	31,595	26,802
Utah	105,904	96,306
Wyoming	9,519	9,274
West North Central	220,179	203,438
Iowa	28,324	25,851
Kansas	28,674	25,676
Minnesota	79,874	75,400
Missouri	50,764	46,298
Nebraska	17,918	16,360
North Dakota	6,291	6,137
South Dakota	8,333	7,716
West South Central	297,700	267,355
Arkansas	14,978	13,264
Louisiana	21,783	18,090
Oklahoma	30,514	26,495
Texas	230,425	209,506
East North Central	407,255	364,099
Illinois	147,619	135,097
Indiana	48,920	42,069
Michigan	75,859	66,683
Ohio	82,220	72,598
Wisconsin	52,636	47,652
East South Central	97,862	82,880
Alabama	23,638	21,167
Kentucky	24,288	20,702
Mississippi	10,551	8,392
Tennessee	39,385	32,619

Continued on next page.

**Table 7.09-- DOMESTIC VISITORS BY STATE AND REGION:  
2007 AND 2008 -- Con.**

Residence	2007	2008
New England	121,707	105,260
Connecticut	29,124	25,199
Maine	9,071	8,090
Massachusetts	59,146	51,109
New Hampshire	11,485	9,300
Rhode Island	7,175	6,512
Vermont	5,706	5,051
Middle Atlantic	283,285	246,367
New Jersey	75,337	63,500
New York	127,397	112,367
Pennsylvania	80,551	70,500
South Atlantic	429,746	369,270
Delaware	6,009	5,128
Washington, D.C.	8,116	7,529
Florida	121,870	96,993
Georgia	65,536	56,095
Maryland	59,903	50,590
North Carolina	52,886	45,863
South Carolina	23,053	19,373
Virginia	85,295	80,936
West Virginia	7,077	6,764

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.10-- TRIP CHARACTERISTICS OF VISITORS, BY POINT OF ORIGIN: 2007 AND 2008**

[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	
	2007	2008	2007	2008
All visitors 1/	5,582,530	4,901,893	1,914,290	1,811,543
Purpose of visit 1/				
Pleasure	4,506,936	3,910,630	1,636,940	1,540,704
Honeymoon	265,804	226,140	217,795	228,580
Wedding	65,910	55,986	77,297	66,132
Meetings, conventions, incentive 1/	400,804	341,184	91,343	95,390
Convention/conference	246,142	215,252	33,088	38,691
Corporate meeting	89,420	71,781	15,783	12,876
Incentive	82,759	65,984	44,503	46,799
Other business	254,065	225,768	26,075	27,310
Visit friends or relatives	621,031	561,400	77,046	65,523
Government or military	79,914	86,921	11,531	24,117
Attend school	12,565	12,317	5,608	5,597
Sport event	84,319	82,641	48,895	46,180
Traveler method				
Group tour	297,951	214,152	608,269	534,040
Package	1,601,691	1,233,690	1,275,827	1,169,520
Group tour and package	225,770	155,334	535,386	467,145
True independent	3,908,659	3,609,386	565,580	575,128
Accommodations				
Hotel	3,063,619	2,692,159	1,609,455	1,507,927
Hotel only	2,482,290	2,224,160	1,513,929	1,423,419
Condo	1,116,444	985,285	205,231	209,085
Condo only	856,195	757,000	158,656	162,443
Timeshare	631,804	627,814	36,596	44,751
Timeshare only	475,742	477,680	24,829	30,908
Rental house	293,353	277,895	23,918	26,535
Bed & breakfast	66,081	59,687	10,436	8,182
Cruise ship	365,603	151,134	33,777	17,830
Friends, relatives	659,540	597,145	72,956	62,698

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) and records. See also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.11-- ACTIVITY PARTICIPATION BY VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2007**

[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	87.9	85.4	92.2	92.3
Helicopter/plane tour	11.7	9.0	16.2	3.9
Boat/submarine/whale watching	28.2	24.7	34.2	18.2
Tour bus excursion	15.9	11.8	22.8	47.8
Private limousine/van tour	6.1	4.7	8.4	17.8
Self-guided	78.8	77.8	80.4	54.5
Recreation	89.3	89.1	89.6	80.5
Swimming/sunbathing/beach	81.9	81.4	82.7	65.9
Surfing/bodyboarding	22.2	24.8	17.6	7.1
Snorkeling/scuba diving	48.8	50.6	45.8	18.4
Jet skiing/parasailing/windsurfing	4.6	5.1	3.7	4.2
Golf	13.3	13.9	12.3	9.0
Running/jogging/fitness walking	37.3	38.1	36.1	19.1
Spa	12.7	12.4	13.2	8.5
Backpacking/hiking/camping	23.1	21.8	25.1	7.9
Sports event/tournament	4.7	5.0	4.1	3.1
Entertainment	94.2	94.1	94.4	96.0
Lunch/sunset/dinner/evening cruise	27.7	25.8	30.9	59.3
Lounge act/stage show	25.9	23.9	29.5	25.7
Nightclub/dancing/bar/karaoke	15.1	14.8	15.5	6.5
Fine dining	61.8	60.4	64.1	81.6
Family restaurant/diner	74.1	74.6	73.2	49.9
Ethnic dining	41.7	41.7	41.6	14.4
Prepared own meal	48.9	52.5	42.8	12.7
Shopping	94.3	93.9	95.0	99.1
Department stores	43.3	42.9	44.0	52.5
Designer boutiques	35.5	35.0	36.3	59.4
Hotel stores	43.2	40.4	48.1	49.8
Swap meet	31.3	30.4	32.9	15.0
Discount/outlet stores	35.0	34.4	36.0	41.0
Supermarkets	63.1	65.8	58.6	57.4
Convenience stores	56.1	55.3	57.3	78.2
Duty free	5.8	5.7	5.9	75.7
Local shops/artisans	72.2	72.3	72.1	33.8

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**Table 7.11-- ACTIVITY PARTICIPATION BY VISITORS FROM THE U.S. TOTAL,  
U.S. WEST, U.S. EAST, AND JAPAN: 2007 - Con.**

Activity	U.S. total	U.S. West 1/	U.S. East 2/	Japan
Culture	83.1	80.4	87.7	74.4
Historic site	59.5	56.6	64.5	28.8
Museum/art gallery	30.5	30.5	30.6	17.9
Polynesian show/luau/hula	45.6	41.0	53.5	36.4
Play/concert	6.2	5.9	6.8	1.8
Art/craft fair	17.8	18.9	16.0	2.2
Parks/gardens	56.4	53.6	61.2	48.7
Festival	5.7	5.9	5.3	6.0
Transportation	87.0	86.9	87.1	94.2
Trolley	8.2	7.7	9.0	68.2
Public Bus	13.2	12.3	14.8	25.0
Taxi/limousine	16.6	14.4	20.3	43.3
Rental Car	76.1	76.7	75.1	17.4
Meeting	7.9	7.5	8.6	2.0
Convention	4.9	3.8	6.9	1.3
Incentive/reward	3.9	3.4	4.9	2.8

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 State Department of Business, Economic Development and Tourism, Tourism Research Branch, *2007 Visitor Satisfaction and Activity Report* and records.

**Table 7.12-- OVERALL SATISFACTION BY MAJOR CATEGORY BY VISITORS FROM THE U.S. TOTAL, BY GEOGRAPHIC AREA: 2007**

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

<b>Category</b>	<b>Oahu</b>	<b>Maui</b>	<b>Kauai</b>	<b>Kona</b>
Accommodations				
Very satisfied	73.5	79.7	83.2	79.2
Somewhat satisfied	23.0	17.4	14.8	18.1
Somewhat dissatisfied	3.0	2.3	1.9	2.5
Not satisfied at all	0.5	0.6	0.2	0.2
Restaurants				
Very satisfied	59.1	61.4	53.5	54.2
Somewhat satisfied	36.9	35.2	40.7	38.0
Somewhat dissatisfied	3.6	2.6	4.6	6.3
Not satisfied at all	0.4	0.8	1.1	1.6
Shopping				
Very satisfied	67.1	61.6	51.5	49.0
Somewhat satisfied	30.0	35.4	42.5	44.4
Somewhat dissatisfied	2.6	2.7	6.0	6.0
Not satisfied at all	0.3	0.2	0.0	0.5
Golf				
Very satisfied	72.3	78.7	76.1	75.7
Somewhat satisfied	22.9	17.7	22.9	20.0
Somewhat dissatisfied	4.1	2.5	1.0	3.2
Not satisfied at all	0.6	1.1	0.0	1.1
Activities & attractions				
Very satisfied	71.5	71.7	73.2	68.7
Somewhat satisfied	26.2	26.2	24.4	27.8
Somewhat dissatisfied	1.9	1.7	2.0	3.2
Not satisfied at all	0.4	0.3	0.4	0.3
Transportation				
Very satisfied	64.7	57.2	52.4	46.1
Somewhat satisfied	30.1	33.6	27.6	34.3
Somewhat dissatisfied	3.6	7.3	8.3	10.0
Not satisfied at all	1.7	1.9	11.7	9.5
Airports				
Very satisfied	56.1	57.0	55.6	48.4
Somewhat satisfied	38.1	35.9	38.1	41.4
Somewhat dissatisfied	4.8	5.6	5.6	8.5
Not satisfied at all	1.0	1.4	0.8	1.7

Continued on next page.

**Table 7.12-- OVERALL SATISFACTION BY MAJOR CATEGORY BY VISITORS  
FROM THE U.S. TOTAL, BY GEOGRAPHIC AREA: 2007 - Con.**

<b>Category</b>	<b>Oahu</b>	<b>Maui</b>	<b>Kauai</b>	<b>Kona</b>
Parks & beaches				
Very satisfied	74.2	78.5	76.1	73.7
Somewhat satisfied	22.5	19.3	22.5	22.1
Somewhat dissatisfied	2.6	1.9	1.4	3.6
Not satisfied at all	0.7	0.3	0.0	0.6

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, records.

**Table 7.13-- OVERALL SATISFACTION BY MAJOR CATEGORY BY VISITORS  
FROM THE U.S. WEST, BY GEOGRAPHIC AREA: 2007**

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

Category	Oahu	Maui	Kauai	Kona
Accommodations				
Very satisfied	71.3	79.6	84.4	76.6
Somewhat satisfied	24.2	17.4	13.5	20.4
Somewhat dissatisfied	4.0	2.4	2.0	2.7
Not satisfied at all	0.5	0.6	0.2	0.3
Restaurants				
Very satisfied	57.1	60.2	52.8	52.0
Somewhat satisfied	39.0	36.2	41.7	39.2
Somewhat dissatisfied	3.4	2.9	4.5	6.6
Not satisfied at all	0.4	0.7	1.0	2.1
Shopping				
Very satisfied	67.6	59.6	50.7	48.3
Somewhat satisfied	29.3	37.6	42.3	43.8
Somewhat dissatisfied	2.9	2.7	7.0	7.3
Not satisfied at all	0.1	0.1	0.0	0.6
Golf				
Very satisfied	69.7	79.3	74.9	72.9
Somewhat satisfied	25.0	17.7	24.1	20.6
Somewhat dissatisfied	5.3	1.9	1.0	4.8
Not satisfied at all	0.0	1.1	0.0	1.6
Activities & attractions				
Very satisfied	69.3	70.0	72.0	64.3
Somewhat satisfied	28.8	28.2	26.0	31.6
Somewhat dissatisfied	1.7	1.5	1.5	4.1
Not satisfied at all	0.2	0.4	0.5	0.0
Transportation				
Very satisfied	64.0	55.7	49.7	37.7
Somewhat satisfied	30.3	35.4	25.1	36.4
Somewhat dissatisfied	3.9	7.7	9.7	10.9
Not satisfied at all	1.8	1.2	15.4	15.0
Airports				
Very satisfied	53.0	57.0	55.9	48.6
Somewhat satisfied	40.5	37.3	37.3	41.7
Somewhat dissatisfied	5.4	4.9	5.7	8.0
Not satisfied at all	1.1	0.7	1.1	1.6
Parks & beaches				
Very satisfied	73.1	78.1	76.5	70.7
Somewhat satisfied	23.6	19.8	21.8	24.0
Somewhat dissatisfied	2.8	2.1	1.7	4.8
Not satisfied at all	0.5	0.0	0.0	0.5

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *2007 Visitor Satisfaction and Activity Report*, see also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.14-- OVERALL SATISFACTION BY MAJOR CATEGORY BY VISITORS  
FROM THE U.S. EAST, BY GEOGRAPHIC AREA: 2007**

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

Category	Oahu	Maui	Kauai	Kona
Accommodations				
Very satisfied	76.6	79.7	80.5	83.4
Somewhat satisfied	21.2	17.3	17.7	14.1
Somewhat dissatisfied	1.7	2.2	1.5	2.3
Not satisfied at all	0.5	0.7	0.3	0.2
Restaurants				
Very satisfied	62.0	63.5	55.0	57.9
Somewhat satisfied	33.8	33.6	38.6	35.7
Somewhat dissatisfied	3.8	2.1	5.0	5.7
Not satisfied at all	0.5	0.8	1.5	0.6
Shopping				
Very satisfied	66.3	65.2	53.2	50.1
Somewhat satisfied	30.9	31.6	43.1	45.5
Somewhat dissatisfied	2.2	2.8	3.7	4.0
Not satisfied at all	0.5	0.4	0.0	0.4
Golf				
Very satisfied	76.4	77.6	78.7	81.5
Somewhat satisfied	19.7	17.6	20.3	18.5
Somewhat dissatisfied	2.3	3.6	1.0	0.0
Not satisfied at all	1.6	1.2	0.0	0.0
Activities & attractions				
Very satisfied	74.3	74.6	75.7	76.0
Somewhat satisfied	22.9	23.0	21.2	21.6
Somewhat dissatisfied	2.2	2.1	2.8	1.6
Not satisfied at all	0.6	0.3	0.3	0.9
Transportation				
Very satisfied	65.6	59.5	58.7	60.9
Somewhat satisfied	29.7	30.9	33.4	30.6
Somewhat dissatisfied	3.2	6.7	5.0	8.5
Not satisfied at all	1.5	2.9	2.9	0.0
Airports				
Very satisfied	60.7	57.0	54.7	48.1
Somewhat satisfied	34.5	33.5	39.8	40.9
Somewhat dissatisfied	3.8	6.8	5.5	9.4
Not satisfied at all	0.9	2.6	0.0	1.7
Parks & beaches				
Very satisfied	75.7	79.1	75.1	79.0
Somewhat satisfied	21.0	18.4	24.1	18.9
Somewhat dissatisfied	2.4	1.6	0.8	1.4
Not satisfied at all	0.9	1.0	0.0	0.8

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, 2007 *Visitor Satisfaction and Activity Report*, see also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.15-- OVERALL SATISFACTION BY MAJOR CATEGORY BY VISITORS  
FROM JAPAN, BY GEOGRAPHIC AREA: 2007**

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

Category	Oahu	Maui	Kauai 1/	Kona
Accommodations				
Very satisfied	43.2	68.8	(NA)	55.8
Somewhat satisfied	46.9	31.2	(NA)	37.1
Somewhat dissatisfied	8.6	0.0	(NA)	6.3
Not satisfied at all	1.3	0.0	(NA)	0.8
Restaurants				
Very satisfied	20.8	42.8	(NA)	25.0
Somewhat satisfied	58.1	40.3	(NA)	49.2
Somewhat dissatisfied	19.2	16.9	(NA)	22.4
Not satisfied at all	1.9	0.0	(NA)	3.4
Shopping				
Very satisfied	37.5	25.3	(NA)	9.5
Somewhat satisfied	52.5	57.6	(NA)	57.6
Somewhat dissatisfied	9.3	16.2	(NA)	29.4
Not satisfied at all	0.7	0.9	(NA)	3.6
Golf				
Very satisfied	35.6	52.3	(NA)	67.3
Somewhat satisfied	48.7	47.7	(NA)	29.6
Somewhat dissatisfied	15.1	0.0	(NA)	3.1
Not satisfied at all	0.6	0.0	(NA)	0.0
Activities & attractions				
Very satisfied	37.1	46.8	(NA)	34.8
Somewhat satisfied	53.2	46.2	(NA)	58.0
Somewhat dissatisfied	9.0	6.9	(NA)	4.7
Not satisfied at all	0.7	0.0	(NA)	2.5
Transportation				
Very satisfied	40.4	34.1	(NA)	14.8
Somewhat satisfied	47.6	46.1	(NA)	43.8
Somewhat dissatisfied	11.1	17.5	(NA)	32.1
Not satisfied at all	1.0	2.4	(NA)	9.2
Airports				
Very satisfied	20.3	19.8	(NA)	18.2
Somewhat satisfied	61.3	61.5	(NA)	63.9
Somewhat dissatisfied	17.2	17.6	(NA)	14.4
Not satisfied at all	1.2	1.1	(NA)	3.5
Parks & beaches				
Very satisfied	48.9	53.0	(NA)	54.8
Somewhat satisfied	45.4	45.7	(NA)	39.9
Somewhat dissatisfied	5.4	1.3	(NA)	5.3
Not satisfied at all	0.3	0.0	(NA)	0.0

NA Not available.

1/ Sample is too small for tabulation.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *2007 Visitor Satisfaction and Activity Report*, see also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.16-- OVERALL ISLAND EXPERIENCE BY VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2007**

[Covers visitors staying overnight or longer anywhere in the State, and any overnight or non-overnight interisland trips reported by these visitors. Percent of total visitors]

Criterion by island	U.S. total	U.S. West 1/	U.S. East 2/	Japan
Oahu				
Excellent	58.0	56.2	60.4	51.1
Above average	36.1	37.9	33.7	43.8
Below average	4.7	4.8	4.5	4.7
Poor	1.2	1.0	1.4	0.4
Maui				
Excellent	68.1	67.8	68.7	54.0
Above average	28.1	28.2	28.0	37.8
Below average	3.3	3.8	2.5	7.7
Poor	0.5	0.3	0.8	0.4
Molokai				
Excellent	53.6	54.6	50.7	64.3
Above average	35.6	35.1	37.1	35.7
Below average	8.8	7.6	12.1	0.0
Poor	2.0	2.7	0.0	0.0
Lanai				
Excellent	60.6	63.3	57.7	86.3
Above average	30.2	21.4	39.8	13.7
Below average	7.8	14.0	1.1	0.0
Poor	1.3	1.3	1.4	0.0
Big Island				
Excellent	62.0	59.3	65.2	56.6
Above average	33.8	36.2	31.0	38.0
Below average	3.7	4.2	3.2	4.5
Poor	0.5	0.3	0.6	0.9
Kauai				
Excellent	72.4	70.4	75.5	48.0
Above average	24.9	26.9	21.7	39.6
Below average	2.5	2.5	2.4	11.9
Poor	0.2	0.1	0.3	0.6

1/ Pacific and Mountain States of the United States.

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

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *2007 Visitor Satisfaction and Activity Report*, see also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.17-- SOURCES OF INFORMATION FOR TRIP PLANNING BY VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2006 AND 2007**

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

Information source	U.S. total	U.S. West 1/	U.S. East 2/	Japan
2006				
Airlines	28.5	29.7	26.5	9.8
Books	21.8	19.2	26.1	40.8
Friends / relatives	38.6	36.8	41.5	29.5
Hawaii Visitors & Convention Bureau	10.3	8.4	13.4	8.4
Hotels / resorts	22.7	21.5	24.6	9.7
Internet	88.6	89.5	87.2	62.1
Magazines	9.7	8.7	11.3	41.5
Newspapers	2.2	2.0	2.5	2.6
Personal experience	45.7	50.5	37.8	41.2
Travel agents	34.2	30.7	40.0	91.2
Wholesalers	9.3	8.5	10.5	16.9
2007				
Airlines	21.2	21.4	20.8	9.3
Books	19.4	17.0	23.7	34.9
Friends / relatives	34.4	32.0	38.6	26.4
Hawaii Visitors & Convention Bureau	10.1	7.9	14.0	10.8
Hotels / resorts	19.9	19.4	20.9	8.9
Internet	84.5	85.2	83.3	55.9
Magazines	7.1	6.2	8.6	38.3
Newspapers	1.7	1.9	1.2	2.5
Personal experience	41.4	44.0	36.8	34.7
Travel agents	27.5	24.9	32.0	76.7
Wholesalers	9.6	8.8	11.0	17.7

1/ Pacific and Mountain States of the United States.

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

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Visitor Satisfaction and Activity Report* (annual), see also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.18-- INTERNET USAGE FOR TRIP PLANNING BY VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2006 AND 2007**

[Covers visitors staying overnight or longer anywhere in the State, and any overnight or non-overnight interisland trips reported by these visitors. 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
2006				
Estimate costs	49.4	48.9	50.1	15.1
Find evening activities	14.1	12.5	16.8	6.1
Find good restaurant	24.3	22.7	27.1	33.1
Find hotel or place to stay	45.6	44.1	48.1	66.3
Find recreational activities	38.8	35.8	43.9	33.0
Find things to do	51.8	47.0	60.0	37.3
Hotel reservation	48.3	48.8	47.4	22.7
Locate shopping places	9.5	8.9	10.6	41.4
Locate sightseeing places	31.0	27.2	37.5	37.6
Make airline reservations	71.5	75.7	64.4	20.1
Maps and directions	42.7	41.6	44.6	26.8
Rental car reservation	52.5	55.8	47.0	11.5
2007				
Estimate costs	53.5	53.4	53.8	17.4
Find evening activities	12.4	10.2	16.3	5.1
Find good restaurant	20.5	18.1	24.7	35.4
Find hotel or place to stay	44.2	43.5	45.4	69.0
Find recreational activities	38.2	34.8	44.4	38.3
Find things to do	51.4	45.9	61.3	41.9
Hotel reservation	50.3	50.8	49.4	23.6
Locate shopping places	7.5	6.6	9.1	39.8
Locate sightseeing places	28.6	23.5	37.6	39.2
Make airline reservations	78.6	81.6	73.4	22.0
Maps and directions	40.7	40.0	41.9	28.1
Rental car reservation	55.9	58.1	52.1	13.4

1/ Pacific and Mountain States of the United States.

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

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Visitor Satisfaction and Activity Report* (annual), see also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.19-- SAFETY ISSUES AND OTHER NUISANCES ENCOUNTERED  
BY VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST,  
AND JAPAN: 2006 AND 2007**

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

	U.S. total	U.S. West 1/	U.S. East 2/	Japan
2006				
No problems	93.5	93.2	94.0	96.7
Safety issues				
Solicited by drug dealers	1.8	2.0	1.5	0.8
Solicited by prostitutes	1.1	1.1	1.0	0.4
Wallet / purse / valuables stolen	1.4	1.9	0.7	1.4
Room vandalized / robbed	0.4	0.5	0.3	0.4
Car vandalized / robbed	1.3	1.3	1.3	0.3
Physical violence / harm	0.4	0.4	0.3	0.2
Other nuisance				
Parking ticket	1.6	1.5	1.8	0.4
2007				
No problems	88.3	87.6	89.4	90.7
Safety issues				
Solicited by drug dealers	1.9	1.7	2.1	1.4
Solicited by prostitutes	1.5	1.5	1.4	0.6
Wallet / purse / valuables stolen	1.3	1.4	1.2	1.3
Room vandalized / robbed	0.1	0.1	0.0	0.1
Car vandalized / robbed	1.4	1.5	1.1	0.3
Physical violence / harm	1.0	1.3	0.6	0.7
Other nuisance				
Parking ticket	1.5	1.5	1.7	0.5
Severe weather/natural calamities	5.2	5.7	4.4	5.6

1/ Pacific and Mountain States of the United States.

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

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Visitor Satisfaction and Activity Report* (annual), see also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.20-- VISITOR PROFILE AND TRIP CHARACTERISTICS OF VISITORS  
FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2007**

[Covers visitors staying overnight or longer anywhere in the State, and any overnight or non-overnight interisland trips reported by these visitors. Percent of visitor respondents]

Characteristic	U.S. total	U.S. West 1/	U.S. East 2/	Japan
Visitors income 3/				
Under \$15,000	1.3	1.2	1.4	3.6
\$15,000-\$29,999	3.7	3.6	3.8	10.3
\$30,000-\$49,999	11.4	11.8	10.8	22.8
\$50,000-\$99,999	33.0	32.5	34.0	37.7
\$100,000 or more	50.5	50.9	49.9	25.7
Education attainment				
Less than high school graduate	0.3	0.4	0.2	2.3
High school graduate	24.4	24.7	23.9	33.0
Associates degree (2-year)	9.6	10.1	8.8	16.2
Bachelor's degree (4-year)	34.1	33.8	34.7	36.0
Post graduate degree	29.1	28.4	30.2	3.6
Vocational / technical degree	2.5	2.7	2.1	8.8
Employment status				
Working	75.6	74.3	77.6	63.0
Retired	14.8	15.2	14.1	7.0
Student	2.4	2.5	2.2	1.6
Homemaker	5.6	6.1	4.6	21.6
Other	1.7	1.8	1.5	6.7
Primary purpose of trip				
Vacation	65.2	67.2	61.9	64.7
Attend a business meeting / conduct business	6.5	6.6	6.5	0.9
Attend a convention / conference / seminar	3.3	2.6	4.5	0.8
Incentive / reward	1.4	1.0	2.1	2.1
Visit friends / relatives	9.8	9.9	9.8	2.3
Get married	0.7	0.8	0.5	2.4
Attend / participate in wedding	3.3	3.3	3.4	7.2
Honeymoon	2.7	1.6	4.6	8.5
Anniversary / birthday	3.6	3.3	4.2	2.0
Attend / participate in a sporting event	1.2	1.3	0.9	3.0
Attend / participate in a cultural event	0.4	0.3	0.4	1.0
Medical treatment	0.0	0.0	0.0	0.1
Shopping / fashion	0.0	0.0	0.0	2.8
Other	1.8	2.1	1.3	2.1

Continued on next page.

**Table 7.20-- VISITOR PROFILE AND TRIP CHARACTERISTICS OF VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2007 - Con.**

Characteristic	U.S. total	U.S. West 1/	U.S. East 2/	Japan
Secondary purpose of trip				
Vacation	40.6	38.0	44.8	23.4
Attend a business meeting / conduct business	4.0	4.1	4.0	0.9
Attend a convention / conference / seminar	2.0	2.1	1.8	0.9
Incentive / reward	3.4	3.3	3.8	1.6
Visit friends / relatives	22.5	24.6	18.9	4.7
Get married	0.2	0.2	0.3	0.9
Attend / participate in wedding	1.7	1.9	1.3	3.0
Honeymoon	1.4	1.3	1.7	3.9
Anniversary / birthday	12.8	11.7	14.8	4.8
Attend / participate in a sporting event	2.9	3.8	1.5	3.2
Attend / participate in a cultural event	1.5	1.3	1.7	2.1
Medical treatment	0.4	0.5	0.1	0.5
Shopping / fashion	2.4	2.8	1.7	46.9
Other	4.2	4.4	3.7	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.

3/ For Japanese visitors' income, "Under 1,500,000 Japanese Yen" in place of "Under \$15,000," "1,500,000-2,999,999 Japanese Yen" in place of "\$15,000-\$29,999" etc.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *2007 Visitor Satisfaction and Activity Report*, see also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.21-- LENGTH OF STAY OF VISITORS STAYING OVERNIGHT OR LONGER, BY POINT OF ORIGIN: 2007 AND 2008**

[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	2007			2008		
	Total	Domestic	International	Total	Domestic	International
All visitors	7,496,820	5,582,530	1,914,290	6,713,436	4,901,893	1,811,543
1 to 6 days	2,193,786	1,206,822	1,311,426	2,250,022	1,065,799	1,184,222
7 to 12 days	4,183,128	3,448,921	429,291	3,374,342	2,934,658	439,684
13 to 30 days	1,027,395	857,189	150,661	998,828	831,416	167,412
31 to 365 days	92,511	69,598	22,913	90,245	70,020	20,225
Median (days)	7.30	8.00	5.00	7.33	8.00	6.00
Mean (days)	9.22	9.87	7.33	9.40	10.10	7.53

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.22-- JAPANESE VISITOR ARRIVALS AND EXPENDITURES:  
2003 TO 2008**

[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>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Arrivals (1,000)	1,340	1,482	1,517	1,363	1,296	1,175
Average stay (days)	5.9	5.8	5.7	5.6	5.7	5.7
Expenditures (mil. dol.)	1,902	2,163	2,214	2,037	1,982	1,944

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.23-- AVERAGE EXPENDITURE PER VISITOR DAY, BY ORIGIN OF VISITORS: 1931-1932 TO 2008**

[Covers visitors staying overnight or longer anywhere in the state, and any overnight or non-overnight interisland trips reported by these visitors. Dollars. Unweighted averages for mainlanders before 1988 and for Japanese before 1990]

Year	Mainlanders	Japanese	Year	Mainlanders	Japanese
1931-32 1/	17.50	(NA)	1994	133.79	340.88
1951	28.00	(NA)	1995	132.73	356.15
1960-61	32.00	(NA)	1996	137.04	286.89
1965-66 1/	37.23	(NA)	1997	157.07	279.58
1974	46.20	123.00	1998	147.37	235.25
1977	54.62	146.85	1999	148.91	207.46
1980	71.24	185.00	2000	154.92	214.20
1983	85.88	227.32	2001	142.75	227.05
1986	95.40	299.00	2002	150.39	233.13
1987	102.49	324.00	2003	157.18	240.09
1988	121.44	350.00	2004	157.95	251.47
1989	126.57	322.00	2005	160.79	255.42
1990	136.30	294.04	2006	166.28	266.47
1991	140.54	344.29	2007	170.29	268.83
1992	117.14	344.68	2008	161.01	288.33
1993	116.15	306.54			

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) and records. See also <<http://www.hawaii.gov/dbedt>>.

**Table 7.24-- AVERAGE EXPENDITURE PER VISITOR DAY IN CONSTANT DOLLARS, FOR VISITORS FROM THE MAINLAND: 1931-1932 TO 2008**

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

Year	U.S. CPI (1982-84=100)	Average expend. per vis. day 1/	Year	U.S. CPI (1982-84=100)	Average expend. per vis. day 1/
1931-32 2/	14.4	122	1994	148.2	90
1951	26.0	108	1995	152.4	87
1960-61	29.8	107	1996	156.9	87
1965-66 2/	32.0	116	1997	160.5	98
1974	49.3	94	1998	163.0	90
1977	60.6	90	1999	166.6	89
1980	82.4	86	2000	172.2	90
1983	99.6	86	2001	177.1	81
1986	109.6	87	2002	179.9	84
1987	113.6	90	2003	184.0	85
1988	118.3	103	2004	188.9	84
1989	124.0	102	2005	195.3	82
1990	130.7	104	2006	201.6	82
1991	136.2	103	2007	207.3	82
1992	140.3	83	2007	207.3	82
1993	144.5	80	2008	215.3	75

1/ In constant (1982-84) dollars.

2/ Oahu only.

Source: Preceding table; U.S. Bureau of Labor Statistics, *CPI Detailed Report*, and <http://www.bls.gov/cpi/home.htm> accessed on February 20, 2009 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: 2007 AND 2008**

[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	
	2007	2008	2007	2008	2007	2008
All items	155.9	146.2	192.8	183.4	268.8	288.3
Total food and beverage	32.3	32.4	36.0	37.7	42.9	45.2
Restaurant food	21.0	21.1	25.1	26.3	29.7	31.6
Dinner shows and cruises	3.7	3.0	4.4	4.5	5.3	5.3
Groceries and snacks	7.7	8.3	6.5	7.0	7.9	8.3
Entertainment & recreation 3/	14.4	13.8	19.2	19.9	20.3	22.0
Total transportation	17.6	15.3	22.0	18.8	11.7	11.4
Interisland airfare	5.0	1.7	7.9	3.9	3.6	3.0
Ground transportation	0.6	0.7	0.9	1.0	4.8	4.8
Rental vehicles	10.6	11.2	11.5	11.9	2.9	3.1
Gasoline, parking, etc.	1.4	1.7	1.6	2.0	0.4	0.4
Total shopping	20.1	19.0	23.2	21.2	94.7	100.8
Fashion and clothing	7.4	7.2	7.8	7.3	25.1	27.0
Jewelry and watches	4.7	4.3	5.6	5.1	11.8	12.9
Cosmetics, perfume	0.4	0.3	0.4	0.3	5.5	5.7
Leather goods	0.7	0.6	0.8	0.5	32.0	34.0
Hawaii food products	2.1	2.2	2.2	2.1	11.2	11.9
Souvenirs	4.7	4.4	6.5	6.0	9.1	9.3
Lodging	63.4	60.4	74.4	72.5	79.0	89.6
All other expenses	8.1	5.4	18.1	13.3	20.2	19.4

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**Table 7.25-- EXPENDITURES PER VISITOR DAY BY VISITORS FROM SELECTED GEOGRAPHIC AREA, BY EXPENDITURE TYPE: 2007 AND 2008 -- Con.**

Expenditure type	Visitors from Canada		Visitors from Europe 4/		Visitors from Oceania 5/	
	2007	2008	2007	2008	2007	2008
All items	150.8	153.4	174.7	168.8	212.3	216.1
Total food and beverage	31.0	32.6	32.5	34.6	47.9	48.9
Restaurant food	19.3	20.1	24.7	24.4	36.3	35.1
Dinner shows and cruises	2.9	3.1	1.8	2.8	4.5	5.2
Groceries and snacks	8.7	9.4	6.0	7.4	7.0	8.5
Entertainment & recreation 4/	11.7	12.6	12.9	15.3	18.9	19.4
Total transportation	13.9	14.5	19.8	19.3	14.2	16.2
Interisland airfare	1.7	1.9	5.8	5.3	4.4	5.2
Ground transportation	0.9	1.0	1.8	1.9	2.9	3.2
Rental vehicles	9.8	10.0	10.9	10.8	6.2	6.8
Gasoline, parking, etc.	1.4	1.6	1.3	1.3	0.8	1.1
Total shopping	18.1	18.4	21.3	20.6	49.4	56.0
Fashion and clothing	8.9	9.2	11.3	9.6	27.1	32.5
Jewelry and watches	3.0	3.0	3.6	3.4	8.7	8.4
Cosmetics, perfume	0.3	0.4	0.4	0.6	3.8	3.7
Leather goods	0.5	0.5	1.2	0.7	2.6	3.2
Hawaii food products	1.5	1.5	1.2	1.3	1.0	1.0
Souvenirs	3.8	3.8	3.6	4.9	6.2	7.2
Lodging	64.5	67.0	76.7	71.4	73.9	69.4
All other expenses	11.7	8.2	11.4	7.6	8.0	6.3

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**Table 7.25-- EXPENDITURES PER VISITOR DAY BY VISITORS FROM SELECTED GEOGRAPHIC AREA, BY EXPENDITURE TYPE: 2007 AND 2008 -- Con.**

Expenditure type	Visitors from other Asia 6/		Visitors from Latin America 7/		Visitors from other markets 8/	
	2007	2008	2007	2008	2007	2008
All items	233.8	221.9	195.0	219.2	175.9	173.3
Total food and beverage	42.4	38.3	28.3	40.6	31.9	34.5
Restaurant food	30.2	25.7	21.1	24.9	21.8	24.0
Dinner shows and cruises	6.0	5.8	2.0	7.2	1.8	3.2
Groceries and snacks	6.2	6.8	5.2	8.5	8.4	7.4
Entertainment & recreation 3/	25.1	22.8	13.9	28.6	12.1	15.1
Total transportation	24.0	21.9	17.8	22.5	16.0	20.1
Interisland airfare	10.9	9.6	3.3	7.4	3.0	5.8
Ground transportation	4.7	2.5	1.0	2.4	2.1	2.3
Rental vehicles	7.2	8.6	11.4	11.2	9.4	10.1
Gasoline, parking, etc.	1.2	1.2	2.2	1.6	1.4	2.0
Total shopping	52.1	63.8	29.9	41.5	39.1	35.8
Fashion and clothing	22.5	23.3	16.9	16.6	26.4	20.3
Jewelry and watches	5.5	11.5	2.7	15.8	3.6	3.9
Cosmetics, perfume	3.2	5.4	0.7	1.1	0.7	2.4
Leather goods	9.4	12.6	2.5	0.2	2.3	1.6
Hawaii food products	6.5	5.8	2.0	1.5	1.3	2.2
Souvenirs	4.9	5.3	5.1	6.3	4.7	5.2
Lodging	78.7	65.9	52.5	74.4	56.4	58.0
All other expenses	11.6	9.3	52.7	11.5	20.4	9.8

1/ Pacific and Mountain States of the United States.

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

3/ Due to changes in survey forms in 2003, spending on optional tours included in the Entertainment & Recreation category for 2003.

4/ Includes United Kingdom, Germany, France, Italy, and Switzerland.

5/ Includes Australia and New Zealand.

6/ Includes China, Hong Kong, Korea (South), Singapore, and Taiwan.

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) and records. See also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.26-- TOTAL VISITOR EXPENDITURES BY EXPENDITURE TYPE:  
2007 AND 2008**

[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>2007</b>	<b>2008</b>	<b>Percent change</b>
All items	12,811.0	11,398.5	-11.0
Total food and beverage	2,415.0	2,271.2	-6.0
Restaurant food	1,631.0	1,531.9	-6.1
Dinner shows and cruises	273.7	238.3	-12.9
Groceries and snacks	510.3	500.9	-1.8
Entertainment & recreation	1,142.9	1,063.6	-6.9
Total transportation	1,246.9	1,032.2	-17.2
Interisland airfare	381.3	188.9	-50.4
Ground transportation	95.5	92.9	-2.7
Rental vehicles	677.1	648.8	-4.2
Gasoline, parking, etc.	93.1	101.6	9.1
Total shopping	2,151.6	1,955.7	-9.1
Fashion and clothing	777.5	703.7	-9.5
Jewelry and watches	394.1	354.2	-10.1
Cosmetics, perfume	73.1	73.6	0.7
Leather goods	298.9	277.1	-7.3
Hawaii food products	213.3	199.1	-6.6
Souvenirs	394.7	348.0	-11.8
Lodging	4,746.1	4,282.9	-9.8
All other expenses 1/	923.1	614.7	-33.4
Supplemental business	185.2	178.3	-3.8

1/ Includes cruise package and on-ship spending on U.S. Flagged Hawai'i home-portedships.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.27-- EXPENDITURES PER VISITOR DAY BY VISITORS FROM U.S. WEST, U.S. EAST, AND JAPAN, BY VISITOR OR TRIP CHARACTERISTICS: 2007 AND 2008**

[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	
	2007	2008	2007	2008	2007	2008
All visitors	155.9	146.2	192.8	183.4	268.8	288.3
Group tour status:						
Organized group tour	3/ 198.1	175.1	3/ 230.1	228.1	273.1	295.8
Individually arranged	3/ 154.6	145.5	3/ 190.7	181.4	267.6	285.8
Arrived on package tour:						
Yes	3/ 175.4	180.4	3/ 233.2	233.6	285.8	312.2
No	3/ 149.5	138.3	3/ 178.6	161.9	194.9	199.6
Accommodations:						
Hotel	207.3	193.8	243.5	231.0	285.8	308.3
Condo	150.6	149.0	177.1	174.1	175.8	183.8
Guests of friends and relatives	72.8	73.3	76.8	76.2	101.5	93.8
Timeshare	117.4	109.7	137.4	132.3	162.0	151.1
Previous visits:						
First trip	3/ 162.3	156.7	3/ 205.5	201.0	294.1	318.6
Repeat visitors	3/ 154.2	143.8	3/ 190.2	168.5	253.4	270.2
Purpose of trip:						
Pleasure	156.5	146.5	193.4	180.0	251.1	265.2
Business, meetings, conventions, incentive	177.5	198.7	262.2	241.1	253.0	275.2
On honeymoon	228.2	203.2	279.1	269.4	356.1	389.7

1/ Pacific and Mountain States of the United States.

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

3/ Revised from previous *Data Book*. 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 State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.28-- ESTIMATED VISITOR EXPENDITURES: 1960 TO 2008**

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

Year	Personal expenditures	Year	Personal expenditures	Additional business expend. 1/
1960	131	1985	4,780	92
1961	137	1986	5,567	103
1962	154	1987	6,281	120
1963	186	1988	7,813	125
1964	205	1989	8,371	113
1965	225	1990	8,707	119
1966	280	1991	9,004	138
1967	380	1992	8,614	141
1968	440	1993	7,808	120
1969	550	1994	9,544	133
1970	595	1995	10,067	141
1971	705	1996	9,569	140
1972	836	1997	10,102	147
1973	1,017	1998	9,910	149
1974	1,233	1999	9,844	161
1975	1,355	2000	10,396	194
1976	1,637	2001	8,916	145
1977	1,834	2002	9,465	144
1978	2,150	2003	9,889	165
1979	2,541	2004	10,702	160
1980	2,871	2005	11,696	208
1981	3,195	2006	12,301	191
1982	3,687	2007	12,626	185
1983	3,847	2008	11,220	178
1984	4,442			

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) and records. See also <<http://www.hawaii.gov/dbedt>>.

**Table 7.29-- VISITOR EXPENDITURES, BY COUNTRY OF RESIDENCE:  
1999 TO 2008**

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

Year	Total expenditures	Personal (diary) expenditures					Additional business (MCI) expenditures
		All countries	United States	Japan	Canada	Other countries	
1999	10,005,074	9,843,993	5,776,260	2,359,243	479,568	1,228,923	161,080
2000	10,590,203	10,395,854	6,452,691	2,370,355	451,457	1,121,352	194,349
2001	9,061,303	8,916,386	5,708,118	2,089,235	309,198	809,835	144,917
2002	9,608,876	9,464,976	6,133,405	2,041,437	269,609	1,020,526	143,900
2003	10,054,445	9,889,245	6,607,525	1,901,865	335,480	1,044,374	165,200
2004	10,861,777	10,701,977	7,095,222	2,162,626	363,610	1,080,519	159,800
2005	11,904,005	11,696,205	7,840,632	2,214,369	451,040	1,190,164	207,800
2006	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

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records.  
See also <<http://hawaii.gov/dbedt/info/visitor-stats/visitor-research/>>.

**Table 7.30-- CRUISE SHIP ARRIVAL AND PASSENGER COUNT:  
2004 TO 2008**

<b>Subject</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Number of ships, arrivals	29	26	29	1/ 33	34
Number of tours 2/	146	175	216	252	141
Number of passengers	240,800	321,522	426,194	513,840	268,550
Out of state visitors	237,223	316,546	415,967	503,020	266,534
Arrived by air	157,390	238,884	315,955	372,021	157,059
Arrived by ship	79,833	77,662	100,012	130,999	109,475
Hawaii residents	3,577	4,977	10,227	10,820	2,016

1/ Revised from previous *Data Book*.

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

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch records. See also <<http://www.hawaii.gov/dbedt>>.

**Table 7.31-- ESTIMATED DIRECT VISITOR-RELATED EXPENDITURES:  
1997 TO 2008**

[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 1/	14,198.4	12,491.6	1,559.0	147.8
2007 1/	14,568.0	12,811.1	1,563.3	193.6
2008	13,090.4	11,398.5	1,530.4	161.6

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Business, Economic Development & Tourism, records.

See also <<http://www.hawaii.gov/dbedt>>.

**Table 7.32-- ECONOMIC ACTIVITY GENERATED BY VISITOR-RELATED EXPENDITURES: 2002 TO 2008**

[Direct impact only]

<b>Year</b>	<b>Visitor-related expenditures (million dollars)</b>	<b>Gross State Product (million dollars)</b>	<b>Household income (million dollars)</b>	<b>State and county tax revenues (million dollars)</b>	<b>Jobs (1,000)</b>
2002 1/	11,045.5	8,789.0	5,432.0	879.7	159.6
2003 1/	11,468.3	9,139.4	5,600.8	876.5	161.9
2004 1/	12,406.8	9,800.3	5,967.3	919.9	163.1
2005 1/	13,554.6	10,675.9	6,427.6	1,007.5	171.4
2006 1/	14,198.4	11,348.9	6,484.5	1,104.2	167.1
2007 1/	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

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Business, Economic Development & Tourism, records.

See also <<http://www.hawaii.gov/dbedt>>.

**Table 7.33-- WAIKIKI'S SHARE OF TOURISM: 2008**

Measure of tourism	Statewide visitor industry	Waikiki	
		Number	Percent of statewide tourism
Visitors	6,822,911	1/ 3,645,086	(2/)
Average daily visitors census	172,487	1/ 70,863	41.1
Visitors units	74,177	28,733	38.7
Occupied units (average)	52,221	21,521	41.2
Total visitor expenditures (\$millions) 3/	13,090	5,395	41.2

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: 2008**

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) 118,159 861	(X) 13.7 17.0	(X) 48,681 355	(X) 6.0 7.0
Direct and indirect impact 4/ Gross domestic product (\$millions) 4 Civilian jobs 3/ State taxes (\$millions)	10,770 151,331 1,076	16.9 17.5 21.3	4,437 62,348 443	6.9 7.7 8.8

X Not applicable.

1/ Measures the impact of visitor expenditures on only those firms that sell directly to visitors.

2/ In this Input-Output analysis, direct and indirect GSP are not readily separated.

3/ Civilian jobs include wage and salary jobs plus self-employed but exclude non-civilian military jobs.

4/ Measures the impact of visitor expenditures through all firms that contributed to goods and services sold to visitors.

Source: Hawaii State Department of Business, Economic Development & Tourism, records.

**Table 7.35-- VISITOR INDUSTRY PRICES, PRICE DEFLATOR, AND PRICE INDEXES: 1983 TO 2008**

Year	Implicit price deflator 1/ (2000=100)	Average daily room rate 2/ (dollars)	1-way air fares (dollars)		Honolulu Consumer Price Index 5/ (1982-84=100)		
			San Francisco-Honolulu 3/	Honolulu-Kahului 4/	Food away from home	Apparel	All items
1983	(NA)	54.78	353.14	49.95	100.1	101.4	99.3
1984	(NA)	59.25	353.14	49.95	104.5	100.2	103.5
1985	(NA)	68.84	364.00	44.95	108.6	99.6	106.8
1986	(NA)	73.20	364.00	46.95	111.4	99.8	109.4
1987	(NA)	80.09	486.00	48.95	115.6	102.5	114.9
1988	(NA)	87.94	494.00	48.95	121.0	106.8	121.7
1989	(NA)	95.83	524.00	44.95	122.2	104.3	128.7
1990	(NA)	102.10	560.00	54.95	128.0	107.0	138.1
1991	(NA)	101.89	642.00	65.95	133.6	110.5	148.0
1992	(NA)	105.59	400.00	69.95	137.8	114.2	155.1
1993	(NA)	103.26	566.00	74.00	141.9	116.5	160.1
1994	(NA)	105.46	566.00	74.00	146.4	118.7	164.5
1995	(NA)	109.39	596.00	74.00	149.2	117.5	168.1
1996	(NA)	116.79	530.00	85.00	150.8	118.5	170.7
1997	92.9	124.96	521.00	80.00	152.6	117.3	171.9
1998	94.9	129.66	521.00	88.00	153.3	112.2	171.5
1999	97.2	131.66	536.00	94.75	158.3	105.4	173.3
2000	100.0	140.63	576.00	94.50	160.0	103.5	176.3
2001	102.9	144.88	692.00	95.25	164.0	101.0	178.4
2002	105.8	140.89	692.00	99.00	166.0	102.6	180.3
2003	109.1	144.16	714.00	119.00	167.1	98.5	184.5
2004	112.9	152.17	714.00	139.60	171.0	101.2	190.6
2005	116.9	166.16	829.00	144.70	176.4	102.5	197.8
2006	6/ 121.4	187.19	(NA)	167.80	186.0	104.4	209.4
2007	6/ 125.5	6/ 199.96	(NA)	182.90	195.1	104.1	219.5
2008	128.3	201.43	(NA)	170.00	202.3	105.3	228.9

NA Not available.

1/ U.S. Bureau of Economic Analysis, Gross Domestic Product by State to 1997 to 2008 <<http://www.bea.gov/regional/gsp/>> accessed July 9, 2009;

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

2/ For 1980-1994 Pannell Kerr Forster, *Trends in the Hotel Industry, Hawaii* (monthly). For 1995-2008 Smith Travel Research, Hospitality Advisors LLC, *Hawaii Hotel Flash Report* (December/Year-End Highlights).

3/ Unrestricted coach or economy weekday fare, including taxes as of July 1, by United Airlines. From chronology in *Data Book*, (1998 figure as of July 27, 2004 figure as of May 3, and 2005 figure as of June 2).

4/ Regular fare, including taxes, as of July 1, by Hawaiian Airlines. From chronology in *Data Book* and Hawaiian Airlines, records.

5/ Honolulu CPI for All Urban Consumers, from U.S. Bureau of Labor Statistics <<http://data.bls.gov/PDQ/servlet/SurveyOutputServlet>> accessed July 9, 2009.

6/ Revised from previous year *Data Book*.

Source: See above footnotes.

**Table 7.36-- RETURNING RESIDENTS AND AVERAGE NUMBER ABSENT,  
BY POINT OF ORIGIN: 1993 TO 2008**

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

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records. See also <<http://www.hawaii.gov/dbedt/>>.

**Table 7.37-- TRAVEL CHARACTERISTICS FOR HAWAII AND THE UNITED STATES: 1977 AND 1995**

[Trips of 100 miles or more, one way. Excludes travel outside the U.S.]

Subject	Hawaii			United States		
	1977	1995	Percent change	1977	1995	Percent change
People who live in area						
Percent traveling households	67	75	12.5	72	80	10.8
Trips per household	1.3	3.1	138.5	4.1	5.5	34.1
Trips per traveling household	1.9	4.2	121.1	5.7	6.9	21.1
Trips per capita	0.5	1.9	280.0	2.0	4.0	66.7
Trips per traveler	(NA)	2.7	(NA)	4.0	4.8	20.0
Miles per traveler	(NA)	7,392	(NA)	2,836	3,943	39.0
Miles per trip	(NA)	2,704	(NA)	709	827	16.6
People who visit area						
Trips per traveler	2.1	3.4	61.9	4.0	4.8	20.0
Miles per traveler	14,654	16,538	12.9	2,836	3,943	39.0
Miles per trip	7,013	4,885	-30.3	709	827	16.6

NA Not available.

Source: U.S. Bureau of Transportation Statistics, *1995 American Travel Survey, State Highlights, Hawaii* (1997), table 1.

**Table 7.38-- PERSON TRIPS TO, FROM, AND WITHIN HAWAII, BY CENSUS DIVISIONS OR STATES OF DESTINATION OR ORIGIN: 1995**

[Trips of 100 miles of more, one way. Excludes travel outside the U.S.]

Census division or selected state of destination or origin 1/	Destination of person trips from Hawaii (1,000)	Origin of person trips to Hawaii (1,000)
Total person trips	2,086	4,624
Within Hawaii 2/	1,322	1,322
To or from other states	764	3,302
New England	9	69
Mid-Atlantic	36	189
East North Central	36	269
West North Central	18	146
South Atlantic	71	188
East South Central	13	42
West South Central	33	214
Texas	26	182
Mountain	263	236
Nevada	218	35
Pacific (except Hawaii)	285	1,949
Washington	56	261
California	210	1,530

1/ Top three states in each category are listed.

2/ Trips with both origin and destination within Hawaii.

Source: U.S. Bureau of Transportation Statistics, *1995 American Travel Survey, Summary Travel Characteristics, Hawaii* (1997), Pub. No. BTS/ATS95-ESTC/HI (Oct. 1, 1997), tables 6-11.

**Table 7.39-- PERSON TRIPS TO, FROM, AND WITHIN HAWAII, BY  
SELECTED TRAVELER CHARACTERISTICS: 1995**

[Trips of 100 miles or more, one way. Excludes travel outside the U.S.]

Travel characteristics	Origin in Hawaii			Destination in Hawaii 1/	
	Total	Dest. in Hawaii	Dest. outside Hawaii	Total	Origin outside Hawaii
All person trips (1,000)	2,086	1,322	764	4,624	3,302
Age (percent):					
Under 25 years	18.7	20.5	15.8	17.2	15.8
60 years and over	16.5	11.4	25.4	14.6	15.9
Female (percent)	46.1	45.3	47.4	47.3	48.1
Race (percent):					
White	36.2	34.8	38.6	65.4	77.6
Black	1.7	1.1	2.7	2.0	2.3
Asian or Pacific Islander	55.7	56.2	54.8	29.2	18.4
Household income over \$60,000 (percent)	50.9	49.1	53.9	53.3	54.9
Married-couple household (percent)	74.3	71.8	78.5	74.9	76.1
Bachelor's degree or higher (percent) 2/	39.9	40.8	38.6	45.9	47.8
Activity status (percent): 2/					
Working full time	69.1	73.5	62.1	68.4	66.5
Retired	13.3	8.5	20.9	9.8	10.3
All household trips (1,000)	1,494	939	555	2,992	2,054
Mean round-trip distance (miles)	2,769	359	6,842	4,731	6,729
Business trip (percent)	41.6	48.4	30.1	30.3	22.0
Vacation trip (percent)	43.7	35.2	58.1	61.6	73.7
Mean nights away from home	6.7	3.4	10.7	8.6	10.3
Lodging at destination (percent):					
Friend's or relative's home	40.6	46.4	33.6	27.0	20.9
Hotel, motel, or resort	50.5	43.6	58.8	51.9	54.6

1/ Includes "destination in Hawaii, origin in Hawaii," same as figures in second column of data.

2/ Persons 16 years and over.

Source: U.S. Bureau of Transportation Statistics, *1995 American Travel Survey, Summary Travel Characteristics, Hawaii*, Pub. No. BTS/ATS95-ESTC/HI (Oct. 1, 1997), tables 1 and 11.

**Table 7.40-- PASSPORTS ISSUED BY THE HONOLULU PASSPORT AGENCY:  
2004 TO 2008**

[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>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Issued by Honolulu Office	72,267	83,299	85,731	143,432	89,912
Mailed to Hawaii addresses	52,950	52,967	52,570	59,399	68,876
Mailed outside the state	19,317	30,332	33,161	84,033	21,036

Source: U.S. Department of State, Honolulu Passport Agency, records.

**Table 7.41-- PERFORMING ARTS, FOR OAHU: 2007-2008 SEASON**

<b>Name of organization and type of performance</b>	<b>Productions</b>	<b>Performances</b>	<b>Attendance</b>
All reporting groups	489	1,840	1,165,502
Department of Enterprise Services, total	453	1,077	1,008,196
Dance	7	12	19,094
Classical concerts	1	39	33,015
Operas	4	24	26,303
Pop/rock shows	28	36	132,201
Stage shows	2	80	183,984
Diamond Head Theatre	6	76	37,735
Hawaii Pacific University (Hawaii Loa Campus)	2	38	2,650
Honolulu Theater for Youth	7	456	81,434
Kennedy Theatre	15	78	17,659
Manoa Valley Theatre	6	115	17,828

Source: Hawaii State Department of Business, Economic Development & Tourism mail and telephone survey.

**Table 7.42-- SYMPHONY ORCHESTRA ACTIVITIES:  
1986-1987 TO 2005-2006**

<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>				
1986-1987 1/	80	85	139,703	2,394,804
1987-1988	79	127	184,897	4,143,347
1988-1989	80	134	215,808	4,234,275
1989-1990	80	141	183,434	4,978,813
1990-1991	80	101	160,214	5,465,467
1991-1992	80	127	204,253	6,160,301
1992-1993	80	127	194,866	5,983,729
1993-1994 2/	-	-	-	1,380,547
<b>HAWAII SYMPHONY ORCHESTRA</b>				
1994-1995 3/	62	115	120,000	4,700,000
<b>HONOLULU SYMPHONY ORCHESTRA</b>				
1995-1996 4/	80	45	65,000	2,343,305
1996-1997 5/	80	47	73,596	3,919,708
1997-1998	80	48	79,605	5,044,888
1998-1999	80	56	111,682	5,470,100
1999-2000	80	61	106,942	6,691,900
2000-2001 6/	80	53	98,831	5,797,900
2001-2002	80	58	97,906	6,058,458
2002-2003	80	52	94,064	6,331,577
2003-2004	80	58	123,666	6,938,881
2004-2005	80	47	90,985	6,311,037
2005-2006	80	47	89,851	7,279,713

1/ Season shortened by musicians' strike, August 8-November 26, 1986.

2/ Concert season eliminated by musicians' strike.

3/ First season in operation. The attendance total is estimated.

4/ The Honolulu Symphony Society and the Musicians' Union reached a collective bargaining agreement on December 15, 1995 for a 14-week season, a shorter season than prior years.

5/ Recording of expenses in compliance with FASB 116 & 117 pertaining to not-for-profit corporations, for 18-week season.

6/ Cancelled Shell series and Ohana series due to expense.

Source: Honolulu Symphony Society, records; Hawaii Symphony Orchestra, records.

**Table 7.43-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL  
ATTRACTIONS: 2006 TO 2008**

[Calendar year data unless otherwise specified]

Island and cultural attraction	2006	2007	2008
OAHU			
Atlantis Submarines	387,476	370,186	315,753
Atlantis Cruises	114,863	110,867	94,890
Battleship Missouri Memorial	414,865	405,602	389,114
Bernice P. Bishop Museum 1/	372,338	287,517	310,419
The Contemporary Museum 2/	28,322	25,785	24,667
Diamond Head State Monument 1/3/	566,202	584,909	4/ 536,009
Foster Botanical Garden	39,371	38,838	41,593
Harold L. Lyon Arboretum	30,000	32,000	35,000
Hawaii Maritime Center 1/	18,891	18,881	17,743
Hawaii's Plantation Village	55,241	51,434	42,178
Hawaii State Art Museum	23,739	33,159	27,007
Honolulu Academy of Arts	255,321	250,119	237,922
Honolulu Police Department Museum	(NA)	5,250	5,150
Honolulu Zoo	5/ 568,952	1/ 601,510	599,442
Ho'omaluhia Botanical Garden	103,172	98,802	119,268
Iolani Palace State Monument 1/	66,486	76,191	76,622
Judiciary History Center	41,956	37,659	34,260
Mormon Temple Grounds (Church of Jesus Christ of Latter-Day Saints, Hawaii Temple Visitor's Center)	120,145	108,293	96,238
Polynesian Cultural Center	736,829	719,221	657,553
Puu o Mahuka Heiau State Monument 1/	(NA)	54,300	6/ 48,327
Queen Emma Summer Palace	14,191	14,310	16,816
Royal Mausoleum State Monument 1/	(NA)	34,600	6/ 30,794
Sea Life Park Hawaii	285,313	242,418	212,383
Tropic Lightning Museum	(NA)	(NA)	(NA)
Ulu Po Heiau State Monument 1/	(NA)	4,100	6/ 3,649
U.S. Army Museum, Ft. DeRussy	99,943	97,783	93,620
U.S.S. Arizona Memorial 7/	1,542,757	1,557,336	1,407,879
U.S.S. Bowfin Submarine Museum	218,404	224,551	220,371
University of Hawaii Art Gallery 8/	(NA)	50,000	(NA)
Waikiki Aquarium 1/	326,856	5/ 317,313	310,742
Waimea Valley Audubon Center 9/	183,295	195,994	(10/)
HAWAII			
Amy B. H. Greenwell Ethnobotanical Garden	12,100	13,794	14,659
Astronaut Ellison S. Onizuka Space Center	16,406	16,382	16,243
H.N. Greenwell Store 11/	(NA)	5,780	(NA)

Continued on next page.

**Table 7.43-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL  
ATTRactions: 2006 TO 2008 -- Con.**

Island and cultural attraction	2006	2007	2008
HAWAII - con.			
Hawaii Tropical Botanical Garden	72,151	79,372	74,277
Hawaii Volcanoes National Park 7/ 12/	1,612,246	1,467,779	1,270,538
Hulihee Palace	27,454	15,112	(13/)
Kaloko-Honokohau National Historical Park 7/	112,344	119,237	104,835
Kona Coffee Living History Farm	(NA)	9,197	(NA)
Lyman House Memorial Museum	14,933	14,554	(NA)
Nani Mau Gardens	138,869	(NA)	145,812
Pacific Tsunami Museum	19,080	18,300	16,700
Panaewa Rainforest Zoo	171,958	172,315	166,780
Parker Ranch Historic Homes 14/	22,918	21,550	16,263
Parker Ranch Visitor Center 14/	19,099	17,201	7,104
Pu'uuhonua O Honaunau NHP 7/	485,145	489,785	414,667
Pu'ukohola Heiau National Historic Site 7/	98,026	104,907	92,584
Volcano Art Center	104,000	100,000	90,000
MAUI			
Alexander & Baldwin Sugar Museum	41,295	38,453	29,332
Aquarium Maui/Maui Ocean Center	462,843	471,570	366,754
Haleakala National Park 7/	1,426,068	1,322,817	1,185,068
Halekii-Pihana Heiaus State Monument 1/	2,920	12,000	6/ 10,176
Hana Cultural Center	13,844	5/ 8,561	8,384
Iao Valley State Monument 1/	549,420	431,400	6/ 365,827
Kula Botanical Garden	31,548	29,275	29,575
Lahaina Restoration Foundation	173,706	169,159	108,683
Baldwin Missionary Home Museum	43,671	43,335	40,133
Hale Pa'ahao (Old Lahaina Prison)	29,238	28,927	28,022
Hale Pa'i Printing House	4,871	1,364	1,416
Wo Hing Temple Museum	95,926	95,533	39,112
Maui Historical Society Bailey House Museum	12,797	12,962	12,092
Whalers Village Museum	180,272	221,562	164,757
KAUAI			
Robinson Family Adventure Tour	4,285	(15/)	(15/)
Grove Farm Homestead	2,706	2,895	2,725
Kauai Children's Discovery Museum	15,585	(NA)	(NA)
Kauai Museum	52,000	21,373	14,400
Kilauea Point National Wildlife Refuge	432,000	478,000	459,000
Kokee Natural History Museum	100,360	104,975	103,910
Waioli Mission House	979	16/ 592	817

Continued on next page.

**Table 7.43-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL  
ATTRACTIONS: 2006 TO 2008 -- Con.**

Island and cultural attraction	2006	2007	2008
MOLOKAI			
Kalaupapa National Historical Park 7/	46,839	60,992	60,934
Kalaupapa Settlement	9,911	9,292	9,094

NA Not available.

1/ Fiscal year ending June 30.

2/ The Contemporary Museum also manages the First Hawaiian Center Gallery (2004 attendance--49,178, 2005 attendance--41,288, 2006 attendance--49,138, 2007 attendance--49,081 and 2008 attendance--49,128).

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/ Actual numbers based on fiscal year period.

5/ Revised from previous *Data Book*.

6/ The data was derived by using the 2007 HTA survey figures and decreasing with a year-to-date percentage decrease by island for out-of-state visitors.

7/ Data included in Data Book prior to 2003 may not be comparable to present figures, as present figures only include recreation visits. 2003 figure for Hawaii Volcanoes National Park has been revised to reflect only recreation visits.

8/ Data are estimates.

9/ Formerly Waimea Falls Park. 2005 figure represented fiscal year ending June 30. 2006 figure is calendar year.

10/ Closed.

11/ Renamed from Greenwell Store Museum.

12/ Kilauea Visitor Center and Jagger Museum are included in the total attendance at Hawaii Volcanoes National Park.

13/ Closed for renovation.

14/ Kohala Carriages Wagon Tour at Parker Ranch (2004 attendance--4,546, 2005 attendance--3,536, 2006 attendance--3,478). Closed on June 1, 2008.

15/ No longer has a tour.

16/ Closed in May 2007.

Source: Hawaii State Department of Business, Economic Development & Tourism, annual mail and survey of attractions.

**Table 7.44-- NATIONAL PARKS: 1992 TO 2008**

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
AREAS: 2008				
Hawaii Volcanoes National Park 1/ Haleakala National Park	323,431 33,223	323,431 33,222	- (2/)	1,270,538 1,185,068
Pu'uuhonua o Honaunau National Historical Park	420	420	-	414,667
Kaloko-Honokohau National Historical Park	1,161	616	545	104,835
Pu'ukohola Heiau National Historic Site	86	61	25	92,584
U.S.S. Arizona Memorial	11	11	-	1,407,879
Kalaupapa National Historical Park	10,779	23	10,756	60,934

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.

2/ Haleakala National Park has 0.15 acres of Non-Federal lands.

Source: U.S. Department of the Interior, National Park Service, Pacific Islands Support Office, records, for (1992-2005 and 2007) and <<http://www2.nature.nps.gov/stats/>> for 2006 accessed on June 22, 2007 and <<http://www2.nature.nps.gov/stats/>> for 2008 accessed on July 9, 2009.

**Table 7.45-- STATE PARKS AND HISTORIC SITES: 1991 TO 2008**

Year and island	Number of areas, June 30	Acreage, June 30		Recreation visits, year ended June 30 (1,000)
		Total	Developed	
1991	77	24,896	897.3	19,023
1992	80	25,056	921.7	19,255
1993 1/	70	24,779	772.7	15,112
1994	69	24,790	772.2	14,260
1995	69	25,476	772.2	14,221
1996	68	26,784	772.2	14,221
1997	68	26,554	711.2	12,852
1998	68	26,814	771.2	12,676
1999	68	26,815	772.1	12,661
2000	68	26,815	772.1	13,004
2001	69	27,626	772.1	13,884
2002	69	27,626	772.1	14,226
2003	69	28,002	772.1	13,964
2004	69	27,116	764.0	9,176
2005	71	27,164	761.1	(NA)
2006	71	27,164	761.1	(NA)
2007	71	27,108	761.1	2/ 10,118
2008	71	34,538	872.6	3/ 8,469
ISLAND: 2007 2/				
Hawaii	19	75,366.0	258.3	1,637
Maui	8	332.8	38.4	1,485
Molokai	2	236.7	10.0	10
Oahu	32	12,020.3	279.8	3,209
Kauai	10	13,851.6	130.6	3,155
ISLAND: 2008 4/				
Hawaii	19	2,698	274.2	1,336
Maui	8	332	37.9	1,182
Molokai	2	237	13.0	8
Oahu	32	10,115	305.4	2,856
Kauai	10	13,727	130.6	2,512

NA Not available.

1/ Declines since 1992 reflect transfer of 9 areas to the counties, and also closure of all Kauai state parks from Sept. 11, 1992 to March 20, 1993 because of damage caused by Hurricane Iniki.

2/ Revised from previous *Data Book*.

3/ The total number of visitors represents the total for 2007 with a year-to-date average decrease of 16.3% statewide in out-of-state visitors.

4/ The data represents the total number of visitors in 2007 per island with a year-to-date decrease by island in out-of-state visitors (Hawai'i -18.4%; Maui -15.2%; Molokai -16.4%; O'ahu -11.0% and Kaua'i -20.4%).

Source: Hawaii State Department of Land and Natural Resources, Division of State Parks, records.

**Table 7.46-- MAJOR STATE PARKS: 2007 AND 2008**

[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	
2007			
Na Pali Coast State Park	6,175.0	4.0	423,100
Ahupua`a `O Kahana State Park	5,256.5	26.0	88,200
Kokee State Park	4,345.0	55.0	303,900
Waimea Canyon State Park	1,837.4	10.0	430,700
Kekaha Kai State Park	1/ 1,745.5	5.0	235,000
Sacred Falls (Kaluanui) State Park 2/	1/ 1,374.2	10.0	(NA)
Wailua River State Park	1/ 1,217.2	37.4	888,100
2008			
Na Pali Coast State Park	6,175.0	4.0	3/ 336,788
Ahupua`a `O Kahana State Park	5,256.5	26.0	3/ 78,498
Kokee State Park	4,345.0	55.0	3/ 241,904
Waimea Canyon State Park	1,837.4	10.0	3/ 342,837
Kekaha Kai State Park	1,745.5	5.0	3/ 192,331
Sacred Falls (Kaluanui) State Park 2/	1,374.2	10.0	(NA)
Wailua River State Park	1,217.2	37.4	3/ 706,928

NA Not available.

1/ Revised from previous *Data Book*.

2/ Park closed since May 1999.

3/ The total number of visitors by park for 2008 was calculated by using the 2007 HTA survey data and decreasing it with a year-to-date percentage decrease by island in out-of-state visitors.

Source: Hawaii State Department of Land and Natural Resources, Division of State Parks, records.

**Table 7.47-- NATIONAL AND STATE HISTORIC SITES, BY ISLAND:  
2003 TO 2008**

[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>
2003					
State total	658	299	97	220	42
Oahu	293	127	64	78	24
Maui	149	75	10	61	3
Hawaii	148	69	21	48	10
Kauai	68	28	2	33	5
2004					
State total	663	301	99	221	42
Oahu	295	128	64	79	24
Maui	149	75	10	61	3
Hawaii	148	69	21	48	10
Kauai	71	29	4	33	5
2005					
State total	679	315	99	223	42
Oahu	305	138	64	79	24
Maui	151	77	10	61	3
Hawaii	152	72	21	49	10
Kauai	71	28	4	34	5

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**Table 7.47-- NATIONAL AND STATE HISTORIC SITES, BY ISLAND:  
2003 TO 2008 -- Con.**

<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>
2006					
State total	692	327	99	224	42
Oahu	318	150	64	80	24
Maui	151	77	10	61	3
Hawaii	152	72	21	49	10
Kauai	71	28	4	34	5
2007					
State total	713	348	99	224	42
Oahu	335	167	64	80	24
Maui	154	80	10	61	3
Hawaii	153	73	21	49	10
Kauai	71	28	4	34	5
2008					
State total	736	362	103	229	42
Oahu	338	170	64	80	24
Maui	162	80	13	66	3
Hawaii	157	77	21	49	10
Kauai	79	35	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: 2004 TO 2008**

<b>Subject and Zoo</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Species: 1/					
Honolulu Zoo	255	234	229	247	214
Panaewa Rainforest Zoo (Hilo)	75	83	84	102	99
Individuals: 1/					
Honolulu Zoo	1,140	1,009	995	1,035	889
Panaewa Rainforest Zoo (Hilo)	179	175	212	203	208
Attendance:					
Honolulu Zoo 2/	499,767	513,931	3/ 568,952	601,510	599,442
Panaewa Rainforest Zoo (Hilo)	161,200	163,176	171,958	172,315	166,780

1/ Animal and bird inventory, December 31.

2/ Fiscal year 2007.

3/ Revised from previous *Data Book*.

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: 2008**

[As of June 30. For annual attendance, see table 7.43]

Phylum or class	Sea Life Park		Waikiki Aquarium	
	Species	Individuals	Species	Individuals
Total	140	932	519	3,962
Fishes	86	601	237	877
Reptiles	2	37	-	-
Mammals	6	54	1	2
Invertebrates	41	274	281	3,083
Birds	7	34	-	-

Source: Sea Life Park, records; Waikiki Aquarium, records.

**Table 7.50-- COUNTY PARKS, BY ISLAND: 2006 TO 2008**

[As of December 31]

Island	Number			Acreage		
	2006	2007	2008	2006	2007	2008
State totals	(NA)	594	610	(NA)	8,207	8,431
Hawaii	126	126	126	1,734	1,734	1,734
Maui	(NA)	102	112	(NA)	675	1,070
Lanai	(NA)	4	4	(NA)	14	14
Molokai	(NA)	13	13	(NA)	100	100
Oahu 1/	282	282	288	5,314	5,314	5,143
Kauai	67	67	67	487	487	487

NA Not available.

1/ The changes reflected in the 2008 data are the result of reclassification of properties under the jurisdiction of the Department of Parks and Recreation.

Source: Compiled by the Hawaii State Department of Business, Economic Development & Tourism from data provided by county parks and recreation departments.

**Table 7.51-- ATTENDANCE AND WATER SAFETY AT GUARDED BEACH PARKS, FOR THE CITY AND COUNTY OF HONOLULU: 2008**

<b>Beach park</b>	<b>Estimated attendance 1/</b>	<b>Rescues</b>	<b>Drownings</b>	<b>Surfing accidents</b>
All parks	14,667,691	1,731	4	584
Ala Moana	2,125,493	50	-	12
Alii/Haleiwa	238,770	53	-	17
Bellows	84,127	6	-	-
Ehukai	251,364	79	1	51
Hanauma	949,812	338	1	-
Kailua	369,592	27	-	-
Keauwaula	124,086	31	-	3
KeWaena	177,849	4	-	6
Kualoa	105,002	-	-	-
Mali	462,445	35	-	2
Makaha	221,283	22	-	3
Makapuu	147,103	133	-	3
Nanakuli	541,157	51	-	2
Pokai Bay	514,694	22	-	-
Sandy	371,293	472	-	52
Sunset	308,880	38	-	12
Waikiki	6,885,429	291	2	392
Waimanalo	203,488	3	-	1
Waimea	585,824	76	-	28

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; Surfing Education Association, *The 1971 Statewide Surfing Site Survey*, Vol. 1, p. 93.

**Table 7.53-- COUNTY TENNIS FACILITIES: 2001 TO 2008**

[As of December 31]

Subject	State total	Hawaii	Maui	Lanai	Molokai	Oahu	Kauai
Locations:							
2001	88	19	12	2	1	45	9
2002	88	19	12	2	1	45	9
2003	91	19	12	2	1	48	9
2004	91	19	12	2	1	48	9
2005	91	19	12	2	1	48	9
2006	(NA)	19	(NA)	(NA)	(NA)	47	9
2007	91	19	13	2	1	47	9
2008	91	19	13	2	1	47	9
Courts:							
2001	289	43	39	4	2	179	22
2002	289	43	39	4	2	179	22
2003	309	43	39	4	2	199	22
2004	309	43	39	4	2	199	22
2005	309	43	39	4	2	199	22
2006	(NA)	43	(NA)	(NA)	(NA)	200	22
2007	310	43	39	4	2	200	22
2008	314	43	43	4	2	200	22

NA Not available.

Source: Compiled by the Hawaii State Department of Business, Economic Development & Tourism from the county parks and recreation departments.

**Table 7.54-- GOLF COURSES, BY NUMBER OF HOLES, OWNERSHIP, AND ISLAND: 2008**

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	57	3	8	1	1,521
Hawaii	18	2	13	-	3	-	360
Municipal	1	-	1	-	-	-	18
Private	17	2	12	-	3	-	342
Maui	10	-	6	-	3	1	270
Municipal	1	-	1	-	-	-	18
Private	9	-	5	-	3	1	252
Lanai	3	1	2	-	-	-	45
Private	3	1	2	-	-	-	45
Molokai	2	1	1	-	-	-	27
Private	2	1	1	-	-	-	27
Oahu	35	3	28	2	2	-	657
Military	6	1	4	1	-	-	108
Municipal	6	1	5	-	-	-	99
Private	23	1	19	1	2	-	450
Kauai	9	1	7	1	-	-	162
Municipal	1	-	1	-	-	-	18
Private	8	1	6	1	-	-	144

Source: *The Honolulu Advertiser* <<http://the.honoluluadvertiser.com/current/sp/golfguide>> accessed October 31, 2008.

**Table 7.55-- COUNTY GOLF COURSES AND CAMPING PERMITS,  
FOR OAHU: 1991 TO 2008**

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

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 2009**

[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

Source: *Honolulu Star-Bulletin* and *The Honolulu Advertiser*, various issues.

**Table 7.57-- PUBLIC HUNTING AREAS AND WILDLIFE SANCTUARIES AND REFUGES, BY ISLAND: OCTOBER 30, 2008**

Island	Public hunting areas		Other wildlife sanctuaries and refuges	
	Number	1,000 acres	Number	1,000 acres
State total	61	1,196.6	53	94.9
Hawaii	26	905.4	8	83.3
Maui	7	90.7	10	0.3
Lanai	1	30.8	4	(1/)
Molokai	1	16.0	6	(1/)
Oahu	12	25.0	18	0.7
Kauai	14	129.2	7	10.5

1/ Less than 50 acres.

Source: Hawaii State Department of Land and Natural Resources, Division of Forestry and Wildlife, records.

**Table 7.58-- FISHING AND HUNTING LICENSES ISSUED: 2002 TO 2008**

[Fiscal years ending June 30]

Type of license	2002	2003	2004	2005	2006	2007	2008
Freshwater fishing	7,537	5,521	6,173	5,655	6,059	6,787	6,857
Hunting	9,751	9,095	8,693	8,223	8,345	1/ 6,856	2/ 8,249

1/ Revised from previous *Data Book*.

2/ Preliminary.

Source: Hawaii State Department of Land and Natural Resources, Division of Aquatic Resources and Division of Forestry and Wildlife, records.

**Table 7.59-- FISHING, HUNTING, AND WILDLIFE-ASSOCIATED RECREATION OF PERSONS 16 YEARS OF AGE AND OLDER: 2006**

[For 1980 survey results, see *Data Book 1984*, table 251. For 2001 survey results, see *Data Book 2006*, table 7.57]

Subject	All activities	Hunting and fishing			Wildlife watching
		Both	Fishing	Hunting	
Hawaii residents: 1/ Participants (1,000)	227	100	94	19	160
Taking place in Hawaii: 1/ Participants, total (1,000)	366	162	157	18	262
Hawaii residents	(NA)	(NA)	92	18	155
Residents of other states	(NA)	(NA)	2/ 65	(3/)	2/ 107
Expenditures (million dollars)	342	132	111	21	210

NA Not available

1/ Detail does not add to total because of multiple responses.

2/ Estimate based on a sample size of 10-29.

3/ Sample size too small to report data reliably.

Source: U.S. Fish and Wildlife Service and U.S. Bureau of the Census, *2006 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation* (February 2008), pp. 17, 26, 34, 36, 39, 42 and 45  
<<http://www.census.gov/prod/2008pubs/fhw06-hi.pdf>> accessed May 19, 2008 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 7.60-- HONOLULU MARATHON REGISTRANTS, FINISHERS AND  
WINNING TIMES: 1992 TO 2008**

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

Source: Honolulu Marathon Association, records; Honolulu Marathon Champions & Entrants/Finishers, at <<http://www.honolulumarathon.org/stats.html>>, and records.

**Table 7.61-- IRONMAN TRIATHLON WORLD CHAMPIONSHIP  
PARTICIPANTS, FINISHERS, AND WINNING TIMES: 1992 TO 2008**

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

Source: Ironman Triathlon World Championship, records; 1995-1998 race results from JTL Timing Systems Hawaii at <<http://www.ironmantri.com>> and 1999-2008 race results from <<http://www.ironmanlive.com>> accessed on December 30, 2008.

**Table 7.62-- TRANSPACIFIC YACHT CLUB'S HONOLULU RACE ENTRIES  
AND WINNING TIMES: 1985 TO 2007**

[The Honolulu Race, sponsored by the Transpacific Yacht Club of Los Angeles,  
is run biennially between San Pedro, California, and Diamond Head  
Lighthouse, a great circle distance of 2,255 nautical miles]

Year	Boats entered	Winning times (days, hours, minutes, seconds)	
		Elapsed	Corrected
1985	65	13:06:31:19	9:14:07:40
1987	55	8:12:00:40	8:00:56:41
1989	45	8:12:50:35	8:02:54:08
1991	42	10:08:59:35	9:22:34:13
1993	42	9:09:11:17	8:28:09:06
1995	35	9:01:32:02	8:22:41:48
1997	39	8:06:31:00	7:01:46:11
1999	33	8:02:52:27	7:08:40:10
2001	34	10:17:49:19	8:01:01:08
2003	57	8:17:01:25	7:12:20:29
2005	76	8:16:25:04	6:08:45:05
2007	73	10:11:51:35	6:14:39:33

Source: Transpac 2007 website <<http://www.transpacificyc.org>>.

**Table 7.63-- TOTAL ATTENDANCE AT FOOTBALL BOWL GAMES:  
2002-2003 TO 2008-2009 SEASONS**

<b>Bowl</b>	<b>2002- 2003</b>	<b>2003- 2004</b>	<b>2004- 2005</b>	<b>2005- 2006</b>	<b>2006- 2007</b>	<b>2007- 2008</b>	<b>2008- 2009</b>
Hawaii Bowl	31,535	25,551	39,754	16,134	40,623	24,079	43,487
Hula Bowl	1/ 12,000	9,128	12,122	7,065	7,919	2/ 2,000	(3/)
Pro Bowl	50,301	50,125	50,127	50,225	50,410	50,044	49,958

1/ 2002-2003 figure represent an estimate as number reported at a "little over 12,000."

2/ 2007-2008 figure represent an estimate as number reported at a "about 2,000."

3/ The Hula Bowl, usually held in January, was not played in 2009.

Source: *Honolulu Star-Bulletin* and *The Honolulu Advertiser*, various issues.

**Table 7.64-- VARSITY SPORTS SUMMARY FOR THE UNIVERSITY OF  
HAWAII AT MANOA: 2004-2005 TO 2007-2008**

[Includes only games played against four-year collegiate teams]

Sports	Games played 1/				Home games	
	Total	Won	Lost	Tied	Home dates	Attendance
<b>2004-2005</b>						
Baseball	55	28	27	-	38	102,267
Basketball (men's)	29	16	13	-	17	123,097
Basketball (women's)	26	11	15	-	16	16,953
Football	13	8	5	-	8	294,404
Volleyball (men's)	28	19	9	-	18	77,014
Volleyball (women's)	31	30	1	-	17	121,292
<b>2005-2006</b>						
Baseball	62	45	17	-	34	81,881
Basketball (men's)	28	17	11	-	17	125,523
Basketball (women's)	28	18	10	-	17	15,823
Football	12	5	7	-	7	229,142
Volleyball (men's)	28	23	5	-	16	67,689
Volleyball (women's)	34	27	7	-	18	131,434
<b>2006-2007</b>						
Baseball	59	39	25	-	33	88,978
Basketball (men's)	31	18	13	-	16	102,959
Basketball (women's)	29	15	14	-	17	18,558
Football	14	11	3	-	8	292,708
Volleyball (men's)	27	13	14	-	16	53,440
Volleyball (women's)	35	29	6	-	22	158,093
<b>2007-2008</b>						
Baseball	60	29	31	-	28	72,310
Basketball (men's)	30	11	19	-	18	111,072
Basketball (women's)	30	12	18	-	19	29,949
Football	13	12	1	-	7	304,600
Volleyball (men's)	27	11	16	-	15	41,399
Volleyball (women's)	33	27	6	-	19	122,588

1/ Volleyball data refer to matches.

Source: University of Hawaii, Office of Intercollegiate Athletics, Sports Media Relations, records. See also <http://www.ncaa.org/stats/>.

**Table 7.65-- PUBLIC HIGH SCHOOL INTERSCHOLASTIC SPORTS:  
2002-2003 TO 2007-2008 SEASONS**

<b>Sport</b>	<b>Players</b>	<b>Games 1/</b>	<b>Attendance</b>	<b>Expenditure 2/ (dollars)</b>
2002-2003				
Baseball	Boys	(NA)	(NA)	26,500
Basketball	Boys and girls	440	16,899	101,403
Football	Boys	176	72,038	158,958
2003-2004				
Baseball	Boys	(NA)	(NA)	17,858
Basketball	Boys and girls	456	17,057	108,973
Football	Boys	154	76,259	149,329
2004-2005				
Baseball	Boys	(NA)	(NA)	20,172
Basketball	Boys and girls	542	18,883	115,686
Football	Boys	141	72,616	147,282
2005-2006				
Baseball	Boys	(NA)	(NA)	30,712
Basketball	Boys and girls	558	26,734	54,415
Football	Boys	145	84,253	147,021
2006-2007				
Baseball	Boys	(NA)	(NA)	16,461
Basketball	Boys and girls	610	26,248	118,360
Football	Boys	171	121,533	175,203
2007-2008				
Baseball	Boys	(NA)	(NA)	23,185
Basketball	Boys and girls	671	20,439	142,126
Football	Boys	179	120,961	167,111

NA Not available

Note: Data are for Oahu only (OIA).

1/ Junior varsity and varsity games, based on published schedules from public school leagues. Data exclude pre-season and post-season games.

2/ Data on expenditures reflect figures from the general and school trust funds.

Source: Hawaii State Department of Education, Office of Curriculum, Instruction and Student Support, records.

**Table 7.66-- PROFESSIONAL BOXING: 1993 TO 2008**

<b>Year</b>	<b>Number of promoters</b>	<b>Number of shows</b>	<b>Paid attendance</b>	<b>Gross receipts (dollars)</b>
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

Source: Hawaii State Department of Commerce and Consumer Affairs, Boxing Commission, records.

**Table 7.67-- DOG LICENSES ISSUED, BY ISLAND: 1993 TO 2008**

[Dogs are licensed on a biennial basis]

Year	State total	Hawaii	Maui 1/	Lanai	Molokai	Oahu	Kauai
1993	27,586	4,006	2,427	26	46	20,081	1,000
1994	29,010	4,099	3,171	26	57	19,485	2,172
1995	28,442	4,911	1,446	82	48	20,030	1,925
1996	30,376	5,381	699	32	58	21,245	2,961
1997	28,395	5,871	1,378	33	80	19,713	1,320
1998	28,645	5,777	649	35	83	19,861	2,240
1999	32,137	6,311	4,473	29	84	20,039	1,201
2000	31,147	5,627	4,587	57	25	20,066	785
2001	31,068	5,919	4,285	(NA)	(NA)	18,761	2,103
2002	30,909	6,809	4,420	50	30	17,752	1,848
2003	29,519	6,786	2,901	12	47	16,673	3,100
2004	50,180	8,085	3,977	25	30	2/ 36,121	1,942
2005	53,415	10,454	4,621	24	30	2/ 35,638	2,648
2006	50,440	8,836	4,282	17	27	2/ 35,163	2,115
2007	50,403	6,504	4,997	9	27	34,966	3,900
2008	50,919	6,186	7,009	16	32	35,129	2,547

NA Not available.

1/ For the years 1995-1998, the number of registrations issued by the animal shelter (Maui Humane Society) was not included in the count. From year 2000 Maui County reported data in fiscal year, in 2001 Maui County reported 674 licenses which included Lanai and Molokai totals.

2/ Fiscal year ending June 30, figures are estimates.

Source: Compiled by the Hawaii State Department of Business, Economic Development & Tourism from the county Departments of Finance; Hawaiian Humane Society (for Oahu, 1995-2003); and Maui Humane Society (for Maui in 1999-2008).

## 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: 2009*, Section 7.

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

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

Narrative

<a href="#">08.01</a>	Population of Voting Age, Registered Voters, and Votes Cast in General Elections: 2000 to 2008
<a href="#">08.02</a>	Registered Voters and Votes Cast in Primary and General Elections, by County: 2008
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**Table 8.01-- POPULATION OF VOTING AGE, REGISTERED VOTERS, AND  
VOTES CAST IN GENERAL ELECTIONS: 2000 TO 2008**

Subject	2000	2002	2004	2006	2008
Persons of voting age (1,000) 1/	855	873	938	975	1,004
Registered voters (1,000)	637	676	647	662	691
Percent	74.5	77.4	69.0	67.9	66.0
Votes cast (1,000)	371	385	432	348	456
Percent	43.4	44.1	46.1	35.7	50.7

1/ Resident population 18 years and over, including Armed Forces stationed in Hawaii, aliens, and institutional population. November estimates.

Source: U.S. Census Bureau, <<http://www.census.gov/population/www/socdemo/voting.html>>  
*Table 4a. Reported Voting and Registration of the Total Voting-Age Population, by Sex, Race, and Hispanic Origin, for States: November 2000; Table 4b. Reported Voting and Registration of the Total Voting-Age Population, by Age, for States: November 2002; Table 4a. Reported Voting and Registration of the Total Voting-Age Population, by Sex, Race and Hispanic Origin, for States: November 2004;*  
 State of Hawaii, Office of Elections, records.

**Table 8.02-- REGISTERED VOTERS AND VOTES CAST IN PRIMARY AND  
GENERAL ELECTIONS, BY COUNTY: 2008**

Election and county	Registered voters			Votes cast	
	Both sexes	Male	Female	Number	Percent of reg. voters
PRIMARY ELECTION September 20, 2008					
State Total	667,647	319,910	347,737	1/ 246,299	36.9
Hawaii	95,829	45,668	50,161	40,017	41.8
Maui	82,422	39,803	42,619	21,066	25.6
Honolulu	450,522	215,742	234,780	167,047	37.1
Kauai	38,874	18,697	20,177	17,941	46.2
GENERAL ELECTION November 4, 2008					
State Total	691,356	331,115	360,241	2/ 456,064	66.0
Hawaii	99,337	47,379	51,958	67,258	67.7
Maui	85,197	41,111	44,086	52,039	61.1
Honolulu	466,499	223,235	243,264	308,443	66.1
Kauai	40,323	19,390	20,933	27,497	68.2

1/ Includes 228 overseas ballots.

2/ Includes 827 overseas ballots.

Source: State of Hawaii, Office of Elections, records.

**Table 8.03-- REGISTERED VOTERS AND VOTES CAST IN PRIMARY AND  
GENERAL ELECTIONS: 1978 TO 2008**

Type and date of election	Registered voters			Votes cast	
	Both sexes	Male	Female	Number	Percent of reg. voters
<b>PRIMARY ELECTIONS</b>					
1978: Oct. 7	387,673	190,796	196,877	289,029	74.6
1980: Sept. 20	384,858	186,982	197,876	264,041	68.6
1982: Sept. 18	385,307	185,763	199,544	272,691	70.8
1984: Sept. 22	398,858	190,525	208,333	221,957	55.6
1986: Sept. 20	398,197	189,655	208,542	281,352	70.6
1988: Sept. 17 1/	419,441	199,440	220,001	275,673	65.7
1990: Sept. 22	436,323	207,897	228,426	276,407	63.3
1992: Sept. 19	432,723	206,642	226,081	251,576	58.1
1994: Sept. 17	468,739	225,986	242,753	309,700	66.1
1996: Sept. 21	531,892	257,616	274,276	275,548	51.8
1998: Sept. 19	582,558	282,773	299,785	291,069	50.0
2000: Sept. 23	629,162	306,090	323,072	250,848	39.9
2002: Sept. 21	667,679	324,162	343,517	274,517	41.1
2004: Sept. 18	626,120	301,268	324,852	248,731	39.7
2006: Sept. 23	655,741	315,410	340,331	277,251	42.3
2008: Sept. 20	667,647	319,910	347,737	246,299	36.9
<b>GENERAL ELECTIONS</b>					
1978: Nov. 7	395,262	194,412	200,850	292,690	74.0
1980: Nov. 4	402,795	195,804	206,991	318,026	78.9
1982: Nov. 2	405,005	195,259	209,746	325,459	80.3
1984: Nov. 6	418,904	200,424	218,480	349,253	83.3
1986: Nov. 4	419,794	200,233	219,561	344,387	82.0
1988: Nov. 8	443,742	211,539	232,203	368,567	83.0
1990: Nov. 6	453,389	216,433	236,956	354,144	78.1
1992: Nov. 3	464,495	222,721	241,774	382,882	82.4
1994: Nov. 8	488,889	236,251	252,638	377,011	77.1
1996: Nov. 5	544,916	264,084	280,832	370,230	67.9
1998: Nov. 3	601,404	292,307	309,097	412,520	68.6
2000: Nov. 7	637,349	309,709	327,640	371,033	58.2
2002: Nov. 5	676,242	328,310	347,932	385,462	57.0
2004: Nov. 2	647,238	311,309	335,929	431,662	66.7
2006: Nov. 7	662,728	318,816	343,912	348,988	52.7
2008: Nov. 4	691,356	331,115	360,241	456,064	66.0

1/ Distribution by gender as of September 1, 1988, 16 days before the election.

Source: State of Hawaii, Office of Elections, records.

**Table 8.04-- VOTES CAST FOR CANDIDATES FOR MAJOR OFFICES:  
PRIMARY ELECTION, SEPTEMBER 20, 2008**

Office, party, and candidate	Votes 1/	Office, party, and candidate	Votes 1/
U.S. HOUSE, DISTRICT 1		MAYOR, CITY & COUNTY OF HONOLULU	
Democrat Abercrombie, Neil	76,140	Hannemann, Mufi	80,282
Republican Tataii, Steve	13,088	Kobayashi, Ann H.	49,030
Libertarian Zhao, Li	396	Prevedouros, Panos	28,792
Amsterdam, C. Kauai	295	Maly, J.	1,541
U.S. HOUSE, DISTRICT 2		Nitta, George, Jr.	1,398
Democrat Hirono, Mazie	73,822	Cunningham, Daniel H.	737
Republican Evans, Roger	12,750	Datanagan, Cameron	341
Libertarian Mallan, Lloyd	427	Manner, Paul	223
Independent Stenshol, Shaun	967	Kambel, Donovan D., Jr.	197
		MAYOR, COUNTY OF HAWAII	
		Kenoi, Billy	18,180
		Pilago, K. Angel	9,311
		Inouye, Lorraine R.	8,090
		Higa, Stacy K.	2,376
		Riley, Randy	565
		Moore, M. Jasper	404
		Masilamoney, Sam	254
		Barrozo, Joseph Jr.	90
		MAYOR, COUNTY OF KAUAI	
		Carvalho, Bernard P., Jr.	7,144
		Yukimura, JoAnn A.	5,374
		Ropozo, Mel	4,360
		Bieber, Rolf H.	714

1/ Excludes blank and overvotes.

Source: State of Hawaii, Office of Elections, records.

**Table 8.05-- VOTES CAST BY PARTY BALLOT IN PRIMARY ELECTIONS:  
1988 TO 2008**

<b>Year</b>	<b>Total party ballots cast</b>	<b>Democratic</b>	<b>Republican</b>	<b>Other parties</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

Source: State of Hawaii, Office of Elections, records.

**Table 8.06-- VOTES CAST BY PARTY BALLOT IN PRIMARY ELECTION,  
BY COUNTY: SEPTEMBER 20, 2008**

<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	242,596	39,613	20,901	164,644	17,488
Independent	2,059	392	261	1,205	201
Democratic	194,605	32,717	17,625	129,567	14,696
Republican	42,449	5,863	2,826	31,500	2,310
Libertarian	1,150	172	57	852	69
Nonpartisan	2,075	440	111	1,335	189
Invalid, blank, multiparty	258	29	21	185	23

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, 2008**

<b>Island</b>	<b>Number of precincts</b>	<b>Registered voters</b>	<b>Votes cast 1/</b>	<b>Percent voting</b>
State total	339	691,356	280,538	40.5
Hawaii	67	99,337	39,471	39.7
Maui	37	79,350	31,573	39.8
Lanai	1	1,706	778	45.6
Molokai: Molokai District	4	4,085	1,459	35.7
Kalawao District (Kalaupapa)	1	56	-	0.0
Oahu 2/	212	466,499	191,698	41.1
Kauai	16	40,221	15,518	38.6
Niihau	1	102	41	40.2

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, 2008**

[As of October 10, 2008]

<b>Age</b>	<b>Both sexes</b>	<b>Male</b>	<b>Female</b>
All ages (except 16 or 17 years)	691,356	331,115	360,241
16 or 17 years 1/	2,301	973	1,328
18 or 19 years	13,358	5,817	7,541
20 to 29 years	100,257	46,951	53,306
30 to 39 years	112,640	54,950	57,690
40 to 49 years	126,375	61,731	64,644
50 to 64 years	199,114	97,344	101,770
65 years and over	139,612	64,322	75,290

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 2008**

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
<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
<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

Continued on next page.

**Table 8.09-- VOTES CAST FOR MAJOR OFFICES: GENERAL ELECTIONS,  
1988 TO 2008 -- 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. 3/	100,671	McDermott, B.	71,661	6,919
2004	212,389	Case, E.	133,317	Gabbard, M.	79,072	-
2006	175,150	Hirono, M.	106,906	Hogue, B.	68,244	-
2008	217,914	Hirono, M.	165,748	Evans, R.	44,425	7,741
<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	4/ 126,127
1998	407,556	Cayetano, B.	204,206	Lingle, L.	198,952	4,398
2002	382,110	Hirono, M.	179,647	Lingle, L.	197,009	5,454
2006	344,315	Iwase, R.	121,717	Lingle, L.	215,313	7,285

1/ Excludes over votes and blank votes.

2/ D. Akaka was appointed by the Governor to fill the seat made vacant by the death of Senator Matsunaga. He was sworn in on May 16, 1990 and elected on Nov. 8, 1990.

3/ Due to P. Mink's death on September 28, 2002, a special election was held on November 30, 2002 to fill her existing term seat, E. Case (D) won with 23,576 votes. A special election for the next full term was held on January 4, 2003, E. Case (D) won with 33,002 votes.

4/ 113,158 votes for F. Fasi (Best) and 12,969 votes for K. Dudley (Green).

Source: State of Hawaii, Office of Elections, records.

**Table 8.10-- VOTES CAST FOR THE OFFICE OF MAYOR:  
GENERAL ELECTIONS, 1992 TO 2008**

Election year	Total votes cast 1/	Top candidates				Other candidates: votes
		Winner				
		Candidate 2/	Votes	Candidate 2/	Votes	
<b>CITY &amp; COUNTY OF HONOLULU</b>						
1992	263,328	Fasi, F. (R)	127,939	O'Connor, D.(D)	124,719	10,670
1994 3/						
1996 4/	254,780	Harris, J.	146,034	Morgado, A.	108,746	-
2000 5/						
2004	294,544	Hannemann, M.	147,949	Bainum, D.	146,595	-
2008	298,795	Hannemann, M.	172,997	Kobayashi, A.	125,798	-
<b>COUNTY OF HAWAII</b>						
1992	50,266	Yamashiro, S.(D)	27,782	Davis, J. (G)	14,117	8,367
1996	48,974	Yamashiro, S.(D)	19,807	Bonk, K. (G)	16,659	12,508
2000	50,282	Kim, H. (R)	25,289	Holschuh, F.(D)	14,989	10,004
2004 6/						
2008	64,878	Kenoi, B.	37,368	Pilago, K. A.	27,510	-
<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	-
<b>COUNTY OF KAUAI</b>						
1994	21,309	Kusaka, M. (R)	11,321	Tehada, J. (D)	9,988	-
1998	23,679	Kusaka, M. (R)	14,115	Thronas, M. (D)	9,564	-
2002 3/	22,691	Baptiste, B.	12,174	Kouchi, R.	10,517	-
2006 7/						
2008	26,556	Carvalho, B.	15,861	Yukimura, J	10,695	-

Continued on next page.

**Table 8.10-- VOTES CAST FOR THE OFFICE OF MAYOR:  
GENERAL ELECTIONS, 1992 TO 2008 -- Con.**

1/ Excludes over votes and blank votes.

2/ D, Democrat; G, Green; R, Republican.

3/ In 1994, Mayor Fasi resigned to run for governor, creating the need for a special election to choose his successor. This special election was held in conjunction with the 1994 primary election, with all 14 candidates running on a nonpartisan, winner-take-all basis. J. Harris, A. Morgado and other candidates received 67,670, 58,018 and 87,928 votes, respectively.

4/ Nonpartisan election.

5/ In the nonpartisan primary election, Jeremy Harris won with over 50% of the votes, therefore, a runoff in the general election was not necessary. J. Harris, M. Hannemann and F. Fasi received 94,067, 65,652 and 23,293 votes, respectively.

6/ Contest was decided in the Primary Election, Harry Kim won with 20,521 votes.

7/ Contest was decided in the Primary Election, Bryan Baptiste won with 8,173 votes.

Source: State of Hawaii, Office of Elections, records.

**Table 8.11-- VOTES CAST FOR MAJOR OFFICES, BY COUNTY:  
GENERAL ELECTION, NOVEMBER 4, 2008**

[Excludes blank and overvotes]

Office, candidate and party 1/	County of Hawaii	County of Maui	City and County of Honolulu	County of Kauai
U.S. President				
Obama, Barack (D)	50,819	39,727	214,239	20,416
McCain, John (R)	14,866	11,154	88,164	6,245
Nader, Ralph (I)	619	462	2,437	300
Barr, Bob (L)	232	195	790	94
Baldwin, Chuck (C)	183	142	605	82
McKinney, Cynthia (G)	197	109	578	87
U.S. HOUSE, DISTRICT 1				
Abercrombie, Neil (D)	(X)	(X)	153,895	(X)
Tataii, Steve (R)	(X)	(X)	38,054	(X)
Zhao, Li (L)	(X)	(X)	7,579	(X)
U.S. HOUSE, DISTRICT 2				
Hirono, Mazie (D)	46,482	37,202	62,006	19,835
Evans, Roger (R)	13,038	8,322	19,252	3,760
Stenshol, Shaun (I)	1,166	1,049	1,459	352
Mallan, Lloyd (L)	1,224	782	1,289	389

X Not applicable.

1/ C, Constitution; D, Democrat; G, Green; I, Independent; L, Libertarian; R, Republican.

Source: State of Hawaii, Office of Elections, records.

**Table 8.12-- NEIGHBORHOOD BOARD ELECTIONS, FOR OAHU:  
1989 TO 2007**

Year	Number of boards		Board seats elected	Ballots mailed 2/	Voters (ballots cast)
	In operation, Dec. 31	Holding elections 1/			
1989	30	30	438	273,954	91,285
1991	30	30	438	260,923	85,457
1993	30	30	444	279,392	97,476
1995	31	31	447	281,437	85,597
1997	32	32	456	273,768	83,278
1999	32	32	408	299,799	82,574
2001	32	32	454	223,636	69,134
2003	32	32	444	159,917	42,841
2005	32	32	444	194,282	48,487
2007	32	32	444	231,135	44,256

1/ 1986 rules provide for all board elections to be held at the same time, rather than staggered throughout the year.

2/ 2000 rules provide for uncontested candidates to be declared elected, thus no ballots are mailed for uncontested candidates.

Source: City and County of Honolulu, Neighborhood Commission, records.

**Table 8.13-- PARTY MEMBERSHIP OF THE STATE LEGISLATURE:  
1987 TO 2009**

Regular session	House of Representatives				Senate			
	Total	Democrats	Republicans	Other	Total	Democrats	Republicans	Other
1987	51	40	11	-	25	20	5	-
1989	51	45	6	-	25	22	3	-
1991	51	45	6	-	25	22	3	-
1993	51	47	4	-	25	22	3	-
1995	51	44	7	-	25	23	2	-
1997	51	39	12	-	25	23	2	-
1999	51	39	12	-	25	23	2	-
2000	51	32	19	-	25	22	3	-
2001	51	32	19	-	25	22	3	-
2002	51	36	15	-	25	20	5	-
2003	51	36	15	-	25	20	5	-
2004	51	36	15	-	25	20	5	-
2005	51	41	10	-	25	20	5	-
2006	51	41	10	-	25	20	5	-
2007	51	43	8	-	25	20	5	-
2008	51	44	7	-	25	21	4	-
2009	51	45	6	-	25	23	2	-

Source: Hawaii State Office of Elections, records; Hawaii State Legislature  
 <<http://www.capitol.hawaii.gov/site1/house/members/members.asp>> and  
 <<http://www.capitol.hawaii.gov/site1/senate/members/members.asp>>  
 accessed April 24, 2009.

**Table 8.14-- LENGTH OF LEGISLATIVE SESSIONS: 1992 TO 2009**

Year	Regular sessions		Special sessions	
	Date convened	Length 1/	Date convened	Length 1/
1992	Jan. 15	2/ 107	None	-
1993	Jan. 20	104	Aug. 23	22
1994	Jan. 19	104	None	-
1995	Jan. 18	104	3/ June 5	4/ 7
1996	Jan. 17	104	None	-
1997	Jan. 15	5/ 107	None	-
1998	Jan. 21	6/ 114	None	-
1999	Jan. 20	105	None	-
2000	Jan. 19	105	7/ Aug. 3	8/ 18
2001	Jan. 17	107	9/ June 4	10/ 18
2002	Jan. 16	107	None	-
2003	Jan. 15	107	July 8	1
2004	Jan. 21	107	None	-
2005	Jan. 19	107	July 12	1
2006	Jan. 18	107	None	-
2007	Jan. 17	107	11/ Jul 10	12/ 11
2008	Jan. 16	106	13/ July 8	14/ 5
2009	Jan. 21	15/ 108	July 15	1

1/ Calendar days, including Saturdays, Sundays, holidays, and recess days, including mandatory five-day recess required by Art. III, sec. 10, of the Hawaii Constitution.

2/ Session extended 2 days by the legislature and 5 hours (at one hour intervals) by Governor Waihee.

3/ The Second Special Session of 1995 convened on September 20.

4/ Combined length for First Special Session (5 days) and Second Special Session (2 days).

5/ Session extended 1 day by the legislature.

6/ Session extended by Governor Cayetano from May 6 to May 14.

7/ The Second Special Session of 2000 convened on August 7.

8/ Combined length for the First Special Session (2 days) and Second Session (16 days).

9/ The Second Special Session of 2001 convened on July 10 and the Third Special Session of 2001 convened on October 22.

10/ Combined length for the First Special Session (5 days), Second Special Session (1 day), and Third Special Session (12 days).

11/ The Second Special Session of 2007 convened on October 24 and the Third Special Session of 2007 convened on November 19.

12/ Combined length for the First Special Session (1 day), Second Special Session (8 days), and Third Special Session (2 days).

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.

Source: Legislative Reference Bureau, records.

**Table 8.15-- LEGISLATIVE BILLS AND RESOLUTIONS, BY DISPOSITION:  
2007 AND 2008**

Action	Session				
	2007	2008			
	Regular	Regular	Special	2nd Special	3rd Special
House bills:					
Carried over from previous year	-	1,772	-	-	-
Introduced	1,967	1,484	-	-	-
Passed 1/	195	146	-	-	-
Vetoed	21	23	-	-	-
Became law 2/	178	126	3	-	-
Senate bills:					
Carried over from previous year	-	1,862	-	-	-
Introduced	1,995	1,264	-	-	-
Passed 1/	133	148	-	-	-
Vetoed	21	35	-	-	-
Became law 3/	116	118	11	-	-
House resolutions:					
Offered	299	334	3	-	-
Adopted	115	136	3	-	-
House concurrent resolutions:					
Offered	344	373	-	-	-
Adopted	34	45	-	-	-
Senate resolutions:					
Offered	153	143	2	1	2
Adopted	78	53	2	1	2
Senate concurrent resolutions:					
Offered	226	236	-	-	-
Adopted	46	45	-	-	-

Continued on next page.

**Table 8.15-- LEGISLATIVE BILLS AND RESOLUTIONS, BY DISPOSITION:  
2007 AND 2008 -- Con.**

1/ The 2008 totals include S.B. 966 which proposes a constitutional amendment.

2/ The 2007 total includes: (1) the following bills that became law without the Governor's signature: H.B. 15, H.B. 122, H.B. 399, H.B. 497, H.B. 507, H.B. 531, H.B. 598, H.B. 767, H.B. 777, H.B. 895, H.B. 899, H.B. 1014, H.B. 1081, H.B. 1083, H.B. 1477, H.B. 1630, H.B. 1746, and H.B. 1866; and (2) the following bills that were vetoed then overridden: H.B. 10, H.B. 861, H.B. 863, and H.B. 1672. The 2007 Special Session totals includes the following bills that were vetoed then overridden: H.B. 30, H.B. 310, H.B. 718, H.B. 1270, H.B. 1503, H.B. 1605, and H.B. 1830. The 2008 total includes: (1) the following bills that became law without the Governor's signature: H.B. 357, H.B. 661, H.B. 2062, H.B. 2293, H.B. 2486, H.B. 2507, H.B. 2519, H.B. 2520, H.B. 2661, H.B. 2727, H.B. 2763, H.B. 2781, H.B. 2872, and H.B. 2908; and (2) H.B. 2531 and H.B. 3161 which contain a vetoed item; and (3) H.B. 7 which was vetoed then overridden. The 2008 Special Session total includes the following bills that were vetoed then overridden during the Special Session of 2008: H.B. 2250, H.B. 2761, and H.B. 2843.

3/ The 2007 total includes: (1) the following bills that became law without the Governor's signature: S.B. 95, S.B. 138, S.B. 162, S.B. 686, S.B. 688, S.B. 810, S.B. 820, S.B. 1026, S.B. 1047, S.B. 1614, S.B. 1672, S.B. 1676, S.B. 1792, S.B. 1833, and S.B. 1931; and (2) the following bills that were vetoed then overridden: S.B. 14, S.B. 1063, S.B. 1642, and S.B. 1816. The 2007 Special Session total includes the following bills that were vetoed then overridden: S.B. 932, S.B. 1066, S.B. 1191, and S.B. 1922. The 2008 total includes: (1) the following bills that became law without the Governor's signature: S.B. 69, S.B. 1804, S.B. 2041, S.B. 2153, S.B. 2314, S.B. 2365, S.B. 2449, S.B. 2646, S.B. 2816, S.B. 2833, S.B. 2850, S.B. 3030, S.B. 3200, and S.B. 3255; (2) S.B. 2082 and S.B. 2915 which contain a vetoed item; and (3) the following bills that were vetoed then overridden: S.B. 868, S.B. 2779, and S.B. 2898. The 2008 Special Session total includes: (1) the following bills that were vetoed then overridden during the Special Session of 2008: S.B. 156, S.B. 2262, S.B. 2263, S.B. 2345, S.B. 2542, S.B. 2668, S.B. 2803, S.B. 2840, S.B. 2843, and S.B. 2878; and (2) S.B. 2830 (Act 220 of 2008) which contains a vetoed item that was overridden and the overridden item became Act 11 of the 2008 Special Session.

Source: Legislative Reference Bureau, records.

**Table 8.16-- LEGISLATIVE BILLS AND RESOLUTIONS, BY DISPOSITION:  
2009**

Action	Session	
	2009	
	Regular	Special
House bills:		
Carried over from previous year	-	-
Introduced	1,843	-
Passed	115	-
Vetoed	30	-
Became law 1/	88	16
Senate bills:		
Carried over from previous year	-	-
Introduced	1,680	-
Passed	136	-
Vetoed	27	-
Became law 2/	110	18
House resolutions:		
Offered	306	3
Adopted	127	3
House concurrent resolutions:		
Offered	313	-
Adopted	56	-
Senate resolutions:		
Offered	138	2
Adopted	64	2
Senate concurrent resolutions:		
Offered	191	-
Adopted	41	-

Continued on next page.

**Table 8.16-- LEGISLATIVE BILLS AND RESOLUTIONS, BY DISPOSITION:  
2009 -- Con.**

1/ The 2009 total includes: (1) the following bills that became law without the Governor's signature: H.B. 111, H.B. 371, H.B. 591, H.B. 994, H.B. 1186, H.B. 1316, H.B. 1362, H.B. 1379, H.B. 1422, H.B. 1550, H.B. 1776, and H.B. 1809; and (2) the following bills that were vetoed then overridden: H.B. 895, H.B. 1741, and H.B. 1747. The 2009 Special Session total includes the following bills that were vetoed then overridden during the Special Session of 2009: H.B. 31, H.B. 183, H.B. 343, H.B. 358, H.B. 754, H.B. 952, H.B. 982, H.B. 989, H.B. 1471, H.B. 1479, H.B. 1504, H.B. 1525, H.B. 1538, H.B. 1544, H.B. 1552, and H.B. 1676.

2/ The 2009 total includes: (1) the following bills that became law without the Governor's signature: S.B. 199, S.B. 203, S.B. 300, S.B. 438, S.B. 470, S.B. 521, S.B. 522, S.B. 603, S.B. 764, S.B. 1108, S.B. 1260, S.B. 1329, S.B. 1338, S.B. 1461, S.B. 1673, and S.B. 1676; and (2) S.B. 1111 which was vetoed then overridden. The 2009 Special Session total includes the following bills that were vetoed then overridden during the Special Session of 2009: S.B. 19, S.B. 43, S.B. 50, S.B. 266, S.B. 415, S.B. 420, S.B. 423, S.B. 539, S.B. 605, S.B. 695, S.B. 777, S.B. 1005, S.B. 1058, S.B. 1183, S.B. 1206, S.B. 1218, S.B. 1224, and S.B. 1665.

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: 2009*, Sections 8 and 9.

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

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

Narrative

<a href="#">09.01</a>	Federal, State, and County Tax Collections: 1980 to 2008
<a href="#">09.02</a>	Federal Tax Collections, by Source: 2004 to 2008
<a href="#">09.03</a>	State and County Tax Collections, by Source: 1998 to 2003
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**Table 9.01-- FEDERAL, STATE, AND COUNTY TAX COLLECTIONS:  
1980 TO 2008**

[In thousands of dollars. For fiscal year ending September 30 for federal, June 30 for others]

Year	All levels	Federal	State and counties		
			Total	State	Counties
1980	2,966,128	1,670,459	1,295,669	1,255,622	40,047
1981	3,245,507	1,826,363	1,419,144	1,371,490	47,655
1982	3,314,106	1,876,628	1,437,478	1,132,699	304,779
1983	3,451,664	1,897,858	1,553,806	1,225,010	328,796
1984	3,655,283	1,980,467	1,674,816	1,331,551	343,265
1985	3,922,942	2,116,773	1,806,169	1,440,553	365,616
1986	4,296,653	2,337,028	1,959,625	1,562,195	397,429
1987	4,997,831	2,809,135	2,188,696	1,776,430	412,266
1988	5,765,935	3,310,750	2,455,185	2,033,181	422,004
1989	6,464,598	3,731,845	2,732,753	2,283,891	448,862
1990	7,212,998	4,264,127	2,948,871	2,441,273	507,598
1991	7,904,148	4,570,534	3,333,614	2,753,562	580,052
1992	7,975,930	4,542,943	3,432,986	2,772,325	660,662
1993	8,033,353	4,489,142	3,544,211	2,829,710	714,501
1994	8,346,552	4,613,645	3,732,906	2,991,811	741,096
1995	8,211,146	4,461,739	3,749,407	3,012,835	736,572
1996	8,571,030	4,573,256	3,997,774	3,257,099	740,675
1997	(NA)	(1/)	4,040,110	3,301,030	739,081
1998	8,748,424	4,690,970	4,057,454	3,324,827	732,627
1999	9,628,577	5,566,221	4,062,356	3,334,087	728,269
2000	10,483,283	6,236,857	4,246,426	3,496,500	749,926
2001	(NA)	6,689,385	(NA)	(NA)	(NA)
2002	9,930,343	5,559,960	4,370,383	3,564,850	805,533
2003	9,836,631	5,262,429	4,574,202	3,723,126	851,076
2004	(NA)	8,394,777	(NA)	(NA)	(NA)
2005	(NA)	6,680,481	(NA)	(NA)	(NA)
2006	(NA)	7,122,326	(NA)	(NA)	(NA)
2007	(NA)	7,666,494	(NA)	(NA)	(NA)
2008	(NA)	8,489,937	(NA)	(NA)	(NA)

NA Not available.

1/ *IRS Data Book 1997* contains data for the Pacific-Northwest of which Hawaii is a part. No Hawaii detail.

Source: Tax Foundation of Hawaii, *Government in Hawaii* (annual) and unpublished compilations of Hawaii State Department of Accounting and General Services, Annual Report of the Comptroller (annual) and of the Finance Directors' Annual Reports of the City & County of Honolulu, and the counties of Hawaii, Kauai and Maui (various reports); and U.S. Department of the Treasury, Internal Revenue Service, *Annual Report of the Commissioner* (annual through 1992); *Internal Revenue Service Data Book* (annual, beginning 1992); and for 2001 to 2008 <<http://www.irs.ustreas.gov/taxstats/article/0,,id=102174,00.html>> accessed March 13, 2009; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.02-- FEDERAL TAX COLLECTIONS, BY SOURCE: 2004 to 2008**

[In thousands of dollars. For fiscal year ending September 30. Receipts shown for the State of Hawaii does not necessarily indicate the Federal tax burden, since, in many instances, taxes are collected in one state from residents of, or operations in, another. Also, taxes of corporations may be paid from the principal office, although the operations of these corporations may be located in one or more state(s). Collections are gross, i.e. not net of refunds. Collections relate to the given fiscal year for the most part. However, in a given fiscal year, refunds may be issued for a tax paid in a prior year, and therefore, the total refund may exceed the collection amount]

Source	2004	2005 1/	2006 1/	2007 1/	2008 1/
Federal collections	8,394,777	6,680,481	7,122,326	7,666,494	8,489,937
Corporate income	460,777	582,688	655,818	677,846	735,937
Individual income and employment	7,746,147	5,837,659	6,184,056	6,761,439	7,500,971
Income tax not withheld & SECA 2/	1,227,918	1,479,138	1,820,109	1,878,985	2,022,680
Income tax withheld & FICA 3/	6,497,866	4,335,866	4,341,029	4,858,699	5,452,573
Railroad retirement	-	-	-	(4/)	(4/)
Unemployment insurance	20,363	22,655	22,918	23,755	25,719
Estate	77,875	89,479	93,711	93,328	97,607
Gift	2,853	3,998	3,604	2,997	30,260
Excise 5/	107,125	166,658	185,136	130,884	125,161

1/ Through an improved location methodology, entities are now more accurately distributed by State. Beginning with FY 2005, the ZIP Code on the tax return is used to classify returns by State. In prior years, the location of the IRS District Office associated with the taxpayer's account was used to determine State distribution.

2/ SECA Self-Employment Insurance Contributions Act, includes Old-Age, Survivors, Disability, and Hospital Insurance taxes on self-employment income. Also includes estate and trust income tax collections.

3/ FICA Federal Insurance Contributions Act, includes Old-Age, Survivors, Disability, and Hospital Insurance taxes on wages and salaries.

4/ Less than \$500.

5/ Excludes excise taxes collected by the Customs Service and the Alcohol and Tobacco Tax and Trade Bureau.

Source: U.S. Department of the Treasury, Internal Revenue Service, *Internal Revenue Service Data Book* (annual), <<http://www.irs.gov/taxstats/article/0,,id=102174,00.html>> accessed March 13, 2009.

**Table 9.03-- STATE AND COUNTY TAX COLLECTIONS, BY SOURCE:  
1998 TO 2003**

[Data rounded to thousands of dollars. For fiscal year ending June 30. Data not compiled for 1999 or 2001]

Source	1998	2000	2002	2003
Total State and county tax collections	4,057,454	4,246,426	4,370,383	4,574,202
State collections	3,324,827	3,496,500	3,564,850	3,723,126
General excise and use	1,425,904	1,536,838	1,612,920	1,793,306
Transient accommodations	127,081	168,577	157,644	170,874
Fuel	134,017	132,940	142,900	147,117
Liquor	38,894	39,000	39,091	41,186
Tobacco	36,098	42,341	65,547	72,297
Insurance	59,443	68,659	67,941	73,240
Public service companies	120,326	119,505	93,406	114,115
Banks and other financial institutions	15,546	7,057	7,164	22,341
Corporate income 1/	46,209	68,215	45,477	8,262
Indiv. income, net income 2/	1,083,651	1,064,556	1,071,591	1,038,107
Inheritance and estate	19,645	22,784	67,941	15,524
Conveyance	6,926	9,529	9,820	11,130
Environmental response (FY94)	1,969	1,714	1,784	1,562
Rental vehicle surcharge	22,838	34,587	36,054	39,472
Hospital and nursing home 3/	3,414	25	-	-
Licenses, permits, and others	27,804	30,223	33,665	38,600
Unemployment compensation	155,062	149,951	111,908	135,991
County collections	732,627	749,926	805,533	851,076
Real property	598,632	602,625	609,822	643,235
Liquor licenses and fees	5,030	5,234	5,231	5,885
Utility franchise	30,703	29,014	36,233	34,612
Public service company	(NA)	(NA)	37,036	37,406
Motor vehicle weight 4/	69,861	74,669	77,981	85,231
Licenses, permits, and others	28,400	38,382	39,231	44,707

1/ Includes payments of estimated taxes less refunds.

2/ Includes withheld and estimated taxes less refunds.

3/ Hospital tax repealed in 1994.

4/ Includes State motor vehicle weight tax.

Source: Tax Foundation of Hawaii, *Government in Hawaii*, table 13 (annual) and Tax Foundation of Hawaii unpublished compilations of Hawaii State Department of Accounting and General Services, *Annual Report of the Comptroller* (annual) and of the Finance Directors' Annual Reports of the City & County of Honolulu, and the counties of Hawaii, Kauai and Maui (various reports).

**Table 9.04-- STATE GOVERNMENT TAX COLLECTIONS FOR THE  
UNITED STATES AND HAWAII: 2008**

[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	781,787,281	2,571.16	5,147,480	3,995.88
Property taxes	12,719,220	41.83	(X)	(X)
Sales and gross receipts	356,291,670	1,171.78	3,302,090	2,563.34
General sales and gross receipts	240,625,778	791.38	2,619,595	2,033.53
Selective sales taxes	115,665,892	380.41	682,495	529.81
Alcoholic beverages	5,291,367	17.40	45,620	35.41
Amusements	6,367,506	20.94	(X)	(X)
Insurance premiums	15,713,932	51.68	99,158	76.97
Motor fuels	36,562,380	120.25	93,991	72.96
Pari-mutuels	225,511	0.74	(X)	(X)
Public utilities	14,447,887	47.52	127,481	98.96
Tobacco products	16,052,640	52.79	89,265	69.29
Other selective sales	21,004,669	69.08	226,980	176.20
Licenses	48,805,620	160.51	156,781	121.71
Alcoholic beverages	463,902	1.53	(X)	(X)
Amusements	934,349	3.07	(X)	(X)
Corporation	9,304,912	30.60	1,575	1.22
Hunting and fishing	1,428,533	4.70	424	0.33
Motor vehicle	19,663,727	64.67	111,262	86.37
Motor vehicle operators	2,168,895	7.13	404	0.31
Public utility	1,096,616	3.61	15,819	12.28
Occupation and business, NEC	12,897,543	42.42	25,790	20.02
Other licenses	847,143	2.79	1,507	1.17
Income taxes	332,488,470	1,093.50	1,650,129	1,280.96
Individual income	280,683,319	923.12	1,544,835	1,199.22
Corporation net income	51,805,151	170.38	105,294	81.74
Other taxes	31,482,301	103.54	38,480	29.87
Death and gift	5,100,820	16.78	164	0.13
Documentary and stock transfer	7,727,178	25.41	38,316	29.74
Severance	18,259,644	60.05	(X)	(X)
Other	394,659	1.30	(X)	(X)

X Not applicable.

1/ Based on July 1, 2008 population for the United States of 304,059,724 and for Hawaii 1,288,198. As released December 22, 2008 by the U.S. Census Bureau, Population Division, "Table 1: Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2008" (NST-EST2008-01).

Source: U.S. Census Bureau, "State Government Tax Collections: 2008"

<<http://www.census.gov/govs/www/statetax08.html>> accessed March 30, 2009 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.05-- ESTIMATED STATE AND LOCAL TAXES PAID BY A FAMILY OF THREE, FOR HONOLULU AND THE MEDIAN AND AVERAGE OF 51 MAJOR CITIES: 2005 TO 2007**

[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
2005							
25,000	3,069	12.3	14	2,788	11.2	2,792	11.2
50,000	2,177	4.4	51	4,235	8.5	4,379	8.8
75,000	4,224	5.6	47	6,861	9.1	6,614	8.8
100,000	6,267	6.3	44	8,684	8.7	8,518	8.5
150,000	10,583	7.1	38	13,143	8.8	12,479	8.3
2006							
25,000	3,094	12.4	12	2,794	11.2	2,775	11.1
50,000	2,919	5.8	47	4,214	8.4	4,364	8.7
75,000	5,305	7.1	42	6,841	9.1	6,649	8.9
100,000	7,524	7.5	40	8,868	8.9	8,517	8.5
150,000	12,258	8.2	31	13,103	8.7	12,578	8.4
2007							
25,000	3,318	13.3	13	2,860	11.4	2,964	11.9
50,000	3,239	6.5	43	4,398	8.8	4,423	8.8
75,000	5,352	7.1	41	6,355	8.5	6,529	8.7
100,000	7,719	7.7	38	8,906	8.9	8,920	8.9
150,000	11,939	8.0	37	13,916	9.3	13,467	9.0

1/ Based on cities actually levying tax.

2/ The lower the rank, the higher the percentage of income paid in taxes. For a breakdown of taxes, see source.

Source: Government of the District of Columbia, *Tax Rates and Tax Burdens in the District of Columbia - A Nationwide Comparison* (annual), table 1 <<http://cfo.dc.gov/cfo/cwp/view,a,1324,q,612643.asp>> accessed January 14, 2009.

**Table 9.06-- TAX FREEDOM DAY FOR THE UNITED STATES, EACH OF  
THE 50 STATES AND THE DISTRICT OF COLUMBIA: 2009**

[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/	Days spent working to pay taxes
United States	April 13	(X)	103
Alabama	April 2	44	92
Alaska	March 23	50	82
Arizona	April 10	23	100
Arkansas	April 4	37	94
California	April 20	4	110
Colorado	April 12	16	102
Connecticut	April 30	1	120
Delaware	April 11	20	101
Florida	April 9	27	99
Georgia	April 12	17	102
<b>Hawaii</b>	<b>April 13</b>	<b>14</b>	<b>103</b>
Idaho	April 12	18	102
Illinois	April 13	15	103
Indiana	April 8	28	98
Iowa	April 4	39	94
Kansas	April 8	30	98
Kentucky	April 3	41	93
Louisiana	March 28	49	87
Maine	April 6	33	96
Maryland	April 19	5	109
Massachusetts	April 16	7	106
Michigan	April 10	24	100
Minnesota	April 15	9	105
Mississippi	March 28	48	87
Missouri	April 6	34	96
Montana	April 3	42	93
Nebraska	April 8	31	98
Nevada	April 8	29	98
New Hampshire	April 10	22	100
New Jersey	April 29	2	119
New Mexico	April 2	43	92
New York	April 25	3	115
North Carolina	April 9	25	99
North Dakota	April 1	46	91
Ohio	April 11	21	101

Continued on next page.

**Table 9.06-- TAX FREEDOM DAY FOR THE UNITED STATES, EACH OF  
THE 50 STATES AND THE DISTRICT OF COLUMBIA: 2009-- Con.**

Area	Tax Freedom Day	Rank 1/	Days spent working to pay taxes
Oklahoma	April 4	40	94
Oregon	April 9	26	99
Pennsylvania	April 14	11	104
Rhode Island	April 14	10	104
South Carolina	April 4	38	94
South Dakota	March 29	47	88
Tennessee	April 5	36	95
Texas	April 6	32	96
Utah	April 13	13	103
Vermont	April 12	19	102
Virginia	April 16	6	106
Washington	April 16	8	106
West Virginia	April 1	45	91
Wisconsin	April 13	12	103
Wyoming	April 5	35	95
District of Columbia	April 13	(X)	103

X Not applicable.

1/ Rank is among the 50 states where 50 indicates the earliest Tax Freedom Day in the year 2009.

Source: Tax Foundation, Special Report No. 165, "April 13 Is Tax Freedom Day", table 2

(April 2009) <<http://www.taxfoundation.org/files/sr165.pdf>> accessed March 31, 2009.

**Table 9.07-- TAX FREEDOM DAY FOR THE UNITED STATES AND HAWAII:  
1977 TO 2009**

[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. Due to adoption of a new methodology figures from earlier reports are not comparable. See source for details]

<b>Year</b>	<b>United States</b>	<b>Hawaii</b>	<b>Hawaii rank 1/</b>
1977	April 20	April 17	30
1978	April 20	April 18	26
1979	April 21	April 18	25
1980	April 21	April 20	24
1981	April 24	April 23	32
1982	April 22	April 17	32
1983	April 18	April 15	25
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 20	April 25	6
1993	April 21	April 23	11
1994	April 23	April 24	12
1995	April 24	April 22	24
1996	April 26	April 24	20
1997	April 28	April 23	30
1998	April 30	April 24	34
1999	May 1	April 24	33
2000	May 3	April 27	28
2001	April 30	April 24	24
2002	April 19	April 17	18
2003	April 16	April 15	12
2004	April 17	April 14	20
2005	April 24	April 21	17
2006	April 26	April 23	19
2007	April 27	April 24	16
2008	April 21	April 21	15
2009	April 13	April 13	14

1/ Rank is among the 50 states where 50 indicates the earliest Tax Freedom Day in each year.

Source: Tax Foundation, "Tax Freedom Day by State, 1970-2009"

<<http://www.taxfoundation.org/taxdata/show/22328.html>> accessed March 31, 2009; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.08-- STATE-LOCAL TAX BURDEN PER CAPITA FOR HAWAII  
AND THE UNITED STATES AVERAGE: 1977 TO 2008**

[In dollars, percent and number. For discussion of comparability to U.S. Census Bureau data, see source. Detail may not add to total due to rounding]

Year	Hawaii						U. S. average	
	Rate (percent)	Rank 1/	Per capita				Rate (percent)	Per capita income
			Income	Total taxes paid	Taxes paid to Hawaii	Taxes paid to other states		
1977	10.6	14	8,924	943	679	264	10.3	7,787
1978	10.5	12	9,601	1,009	723	285	10.2	8,590
1979	10.5	7	10,597	1,110	817	293	9.7	9,510
1980	10.7	4	11,800	1,258	910	348	9.5	10,431
1981	10.5	4	12,990	1,364	982	382	9.3	11,532
1982	10.1	5	13,572	1,365	968	397	9.3	12,485
1983	10.3	5	14,522	1,494	1,051	443	9.4	13,011
1984	10.2	10	15,510	1,576	1,113	463	9.7	14,161
1985	10.1	12	16,549	1,670	1,184	486	9.7	15,349
1986	10.2	7	17,501	1,792	1,279	513	9.7	16,233
1987	10.5	8	18,583	1,960	1,412	548	9.9	17,095
1988	11.2	4	20,144	2,259	1,663	596	9.8	18,243
1989	11.1	3	22,163	2,464	1,787	677	9.8	19,562
1990	10.8	5	24,125	2,595	1,849	746	9.9	20,465
1991	11.3	3	25,422	2,861	2,064	797	9.9	21,101
1992	11.4	4	25,886	2,939	2,125	815	10.1	21,789
1993	11.1	6	26,796	2,968	2,151	817	10.2	22,636
1994	11.5	4	27,072	3,126	2,300	826	10.2	23,408
1995	11.0	5	27,508	3,026	2,189	838	10.2	24,587
1996	11.2	5	27,739	3,117	2,303	813	10.0	25,730
1997	10.9	5	28,396	3,085	2,268	817	9.8	27,335
1998	10.7	6	29,181	3,136	2,316	821	9.7	29,103
1999	10.4	6	30,074	3,138	2,315	823	9.6	30,798
2000	10.3	7	31,885	3,275	2,417	858	9.5	32,707
2001	10.4	7	32,622	3,377	2,558	819	9.5	33,725
2002	10.1	9	32,542	3,303	2,499	804	9.5	33,172
2003	10.2	9	33,660	3,435	2,607	828	9.7	33,644
2004	10.1	14	35,990	3,628	2,732	896	9.8	35,576
2005	10.2	14	39,459	4,034	3,039	995	9.8	38,206
2006	10.4	12	42,244	4,397	3,239	1,158	9.9	40,643
2007	10.6	7	44,725	4,756	3,536	1,220	9.9	42,817
2008	10.6	5	46,512	4,920	3,699	1,221	9.7	44,254

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, 1977-2008" (August 7, 2008)  
<<http://www.taxfoundation.org/statelocal.html>> accessed August 7, 2008.

**Table 9.09-- STATE BUSINESS TAX CLIMATE INDEX RANK, OVERALL AND BY COMPONENT: 2009**

[Rank of 1 indicates the most favorable among the 50 states' tax systems for business. Rankings do not average across to total. States without a given tax rank equally as number 1 and states with identical scores rank equally. Studies for 2006 to 2009 are fiscal year beginning July 1 while previous studies for 2003 and 2004 are calendar year. There was no 2005 study]

State	Overall rank	Tax index rank				
		Corporate	Individual Income	Sales	Unemployment Insurance	Property
Alabama	21	21	17	33	14	13
Alaska	4	27	1	4	47	27
Arizona	24	24	23	45	2	4
Arkansas	35	35	31	36	23	18
California	48	45	49	43	16	15
Colorado	13	15	14	12	19	6
Connecticut	37	18	25	26	21	49
Delaware	10	49	28	2	7	8
Florida	5	13	1	22	3	19
Georgia	27	8	30	16	20	36
<b>Hawaii</b>	<b>23</b>	<b>11</b>	<b>38</b>	<b>21</b>	<b>11</b>	<b>9</b>
Idaho	29	17	32	32	45	3
Illinois	22	28	10	35	43	41
Indiana	14	23	11	19	13	7
Iowa	44	46	46	27	35	33
Kansas	31	38	21	17	8	32
Kentucky	34	39	36	7	48	20
Louisiana	33	19	24	46	10	22
Maine	40	43	40	8	40	40
Maryland	45	14	50	10	31	34
Massachusetts	32	47	16	9	49	43
Michigan	20	48	15	11	46	25
Minnesota	41	44	39	40	38	17
Mississippi	19	10	18	34	5	29
Missouri	16	5	27	23	4	11
Montana	6	16	22	3	18	10
Nebraska	42	32	33	42	12	48
Nevada	3	1	1	44	42	16
New Hampshire	8	50	9	1	39	39
New Jersey	50	40	48	41	24	50
New Mexico	26	36	19	47	17	1
New York	49	22	43	49	44	45

Continued on next page.

**Table 9.09-- STATE BUSINESS TAX CLIMATE INDEX RANK, OVERALL  
AND BY COMPONENT: 2009-- Con.**

State	Overall rank	Tax index rank				
		Corporate	Individual Income	Sales	Unemployment Insurance	Property
North Carolina	39	26	37	39	6	37
North Dakota	30	30	35	28	34	5
Ohio	47	33	47	37	15	44
Oklahoma	18	7	26	31	1	23
Oregon	9	20	34	5	30	14
Pennsylvania	28	41	12	25	26	47
Rhode Island	46	34	42	30	50	46
South Carolina	25	9	29	13	41	26
South Dakota	2	1	1	38	37	12
Tennessee	17	12	8	48	32	38
Texas	7	42	7	29	9	30
Utah	11	6	13	24	27	2
Vermont	43	31	45	15	22	42
Virginia	15	4	20	6	29	28
Washington	12	37	1	50	36	21
West Virginia	36	25	41	20	33	24
Wisconsin	38	29	44	18	25	31
Wyoming	1	1	1	14	28	35

Source: Tax Foundation, Background Paper No. 58, *2009 State Business Tax Climate Index* (October 2008) table 2 <<http://www.taxfoundation.org/files/bp58.pdf>> accessed October 13, 2008.

**Table 9.10-- STATE BUSINESS TAX CLIMATE SCORE AND INDEX:  
2006 TO 2009**

[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. There was no 2005 study. Data for 2006 to 2008 have been revised]

Location	2006		2007		2008		2009	
	Total score	Index rank						
United States	5.00	(X)	5.00	(X)	5.00	(X)	5.00	(X)
Alabama	5.61	15	5.46	19	5.38	20	5.33	21
Alaska	7.37	3	7.30	3	7.28	4	7.33	4
Arizona	5.24	28	5.22	27	5.30	22	5.27	24
Arkansas	4.81	37	4.84	37	4.90	37	4.90	35
California	4.08	46	4.03	47	3.98	48	4.15	48
Colorado	5.88	12	5.86	11	5.94	12	5.93	13
Connecticut	4.71	39	4.88	36	4.95	36	4.83	37
Delaware	6.15	8	6.12	8	6.05	10	6.02	10
Dist. of Col.	4.39	(X)	4.40	(X)	4.49	(X)	4.55	(X)
Florida	6.86	5	6.81	5	6.92	5	6.93	5
Georgia	5.31	23	5.30	22	5.21	26	5.18	27
<b>Hawaii</b>	<b>5.33</b>	<b>22</b>	<b>5.24</b>	<b>25</b>	<b>5.32</b>	<b>21</b>	<b>5.30</b>	<b>23</b>
Idaho	5.15	30	5.11	30	5.19	29	5.12	29
Illinois	5.27	24	5.28	23	5.23	23	5.31	22
Indiana	5.92	11	5.84	13	5.99	11	5.91	14
Iowa	4.64	43	4.57	43	4.42	45	4.37	44
Kansas	5.02	33	5.07	31	5.03	33	5.10	31
Kentucky	4.72	38	4.76	39	4.97	34	4.98	34
Louisiana	5.08	32	5.04	33	4.95	35	5.01	33
Maine	4.65	42	4.73	40	4.68	40	4.71	40
Maryland	5.24	27	5.14	29	5.23	24	4.32	45
Massachusetts	4.97	34	4.98	34	5.05	31	5.02	32
Michigan	5.26	25	5.20	28	5.22	25	5.34	20
Minnesota	4.67	41	4.64	41	4.68	41	4.64	41
Mississippi	5.50	18	5.50	17	5.38	19	5.34	19
Missouri	5.48	19	5.46	18	5.61	15	5.59	16
Montana	6.14	9	6.17	7	6.32	6	6.29	6
Nebraska	4.47	45	4.40	45	4.53	43	4.58	42
Nevada	7.26	4	7.26	4	7.38	3	7.37	3
New Hampshire	6.27	7	6.02	10	6.27	7	6.17	8
New Jersey	3.76	48	4.08	46	3.83	50	3.92	50
New Mexico	5.26	26	5.26	24	5.19	28	5.20	26
New York	3.59	49	3.97	48	4.06	47	4.02	49
North Carolina	4.56	44	4.60	42	4.64	42	4.76	39
North Dakota	5.12	31	5.06	32	5.03	32	5.10	30

Continued on next page.

**Table 9.10-- STATE BUSINESS TAX CLIMATE SCORE AND INDEX:  
2006 TO 2009 -- Con.**

Location	2006		2007		2008		2009	
	Total score	Index rank						
Ohio	3.93	47	3.95	49	4.11	46	4.16	47
Oklahoma	5.36	20	5.39	20	5.41	18	5.43	18
Oregon	6.09	10	6.09	9	6.06	9	6.06	9
Pennsylvania	5.35	21	5.39	21	5.18	30	5.16	28
Rhode Island	3.57	50	3.72	50	3.97	49	4.19	46
South Carolina	5.23	29	5.23	26	5.20	27	5.24	25
South Dakota	7.46	2	7.48	2	7.51	2	7.51	2
Tennessee	5.50	17	5.50	16	5.49	17	5.47	17
Texas	6.43	6	6.47	6	6.21	8	6.28	7
Utah	5.74	14	5.67	15	5.52	16	5.98	11
Vermont	4.70	40	4.55	44	4.44	44	4.54	43
Virginia	5.59	16	5.70	14	5.78	14	5.73	15
Washington	5.85	13	5.85	12	5.91	13	5.94	12
West Virginia	4.94	35	4.95	35	4.84	38	4.88	36
Wisconsin	4.81	36	4.82	38	4.76	39	4.78	38
Wyoming	7.68	1	7.70	1	7.64	1	7.52	1

X Not applicable.

Source: Tax Foundation, Background Paper No. 58, "2009 State Business Tax Climate Index" (October 2008), table 1 <<http://www.taxfoundation.org/files/bp58.pdf>> accessed October 13, 2008.

**Table 9.11-- ESTIMATED TAX BURDEN FOR THE FOUR-PERSON ALOHA FAMILY ON OAHU: 1970, 1988, 1999 AND 2006**

[In dollars and percent. For 1970 and 1988, based on a gross family income equivalent to four times the per capita personal income estimated for Hawaii. For 1999, salary income is estimated at \$81,000 for Alfie (a full- and a part-time jobs) and Anita (a full-time job) plus \$1,840 other family income from rental of a condominium unit, dividends from stocks, and interest on bank certificates of deposit. For 2006, salary income is estimated at \$100,100 for Alfie and Anita, net rental income of -\$3,720, and \$4,220 interest income and dividends. Other assumptions are the same as in 1999. For other underlying assumptions, see sources]

Subject	1970 (dollars)	1988 (dollars)	1999 (dollars)	2006 (dollars)	2006 as percent of total	
					Tax burden	Gross family income
Total tax burden	5,559	25,610	31,107	42,788	100.0	38.7
Federal income	2,130	8,096	6,623	6,934	16.2	6.3
State income	693	3,693	3,477	4,560	10.7	4.1
Social security 1/	1,247	7,758	12,394	16,845	39.4	15.2
General excise	304	1,207	3,580	6,041	14.1	5.5
Real property	366	1,006	1,099	1,650	3.9	1.5
Employment 2/	527	3,301	3,112	5,710	13.3	5.2
Specific excise 3/	67	161	200	280	0.7	0.3
Automobile	225	388	622	768	1.8	0.7
Direct tax bill	4,342	18,432	19,288	26,360	61.6	23.8
Indirect tax bill	1,217	7,178	11,819	16,429	38.4	14.9
Gross family income	16,408	62,716	82,840	110,600	(X)	100.0
After taxes	10,898	37,106	51,733	67,812	(X)	61.3

X Not applicable.

1/ The sum of the amount the Alohas paid for retirement benefits and Medicare and the equal amount paid by their employers on their behalf.

2/ Unemployment compensation, temporary disability insurance, and workers' compensation.

3/ Alcohol, tobacco, telephone and cell.

Source: Hawaii State Department of Business, Economic Development & Tourism, records; and Tax Foundation of Hawaii, "The Tax Burden of the Arnie Aloha Family" (November 1989) and "The Tax Burden of the Aloha Family" (June 2001).

**Table 9.12-- HAWAII STATE GOVERNMENT FINANCES: 2004 TO 2007**

[Thousands of dollars. For fiscal year ending June 30]

Category	2004	2005	2006	2007
Total revenue	8,229,259	9,091,681	9,856,552	11,176,293
General revenue	6,675,478	7,864,376	8,551,896	9,073,319
Intergovernmental revenue	1,639,868	1,785,979	1,834,393	2,063,945
Taxes	3,849,135	4,434,356	4,918,655	5,093,842
General sales	1,900,377	2,136,604	2,355,316	2,557,644
Selective sales	569,922	612,009	656,287	670,321
License taxes	123,257	143,109	147,620	156,238
Individual income	1,169,205	1,381,481	1,550,757	1,560,306
Corporate income	58,119	124,125	148,084	100,847
Other taxes	28,255	37,028	60,591	48,486
Current charges	882,232	1,026,696	1,142,090	1,158,402
Miscellaneous general revenue	304,243	617,345	656,758	757,130
Insurance trust revenue	1,553,781	1,227,305	1,304,656	2,102,974
Total expenditure	7,856,134	8,405,444	8,913,697	9,848,210
General expenditure, by function:	7,080,971	7,619,876	8,090,272	8,969,744
Education	2,487,630	2,648,452	2,912,611	3,239,562
Public welfare	1,346,566	1,414,573	1,427,223	1,494,003
Hospitals	244,076	377,934	407,814	454,936
Health	416,241	444,873	498,417	611,503
Highways	214,046	277,887	268,231	306,179
Police protection	13,779	15,023	14,612	15,661
Correction	158,029	170,434	179,322	197,273
Natural resources	109,514	114,099	119,243	142,296
Parks and recreation	57,703	66,079	72,635	78,091
Government administration	442,979	393,364	388,532	427,641
Interest on general debt	356,337	399,345	432,173	458,350
Other and unallocable	1,234,071	1,297,813	1,369,459	1,544,249
Insurance trust expenditure	775,163	785,568	823,425	878,141
Exhibit: General expenditure	7,080,971	7,619,876	8,090,272	8,969,744
Intergovernmental expenditure	134,452	147,201	157,863	138,054
Direct expenditure	6,946,519	7,472,675	7,932,409	8,831,690
Debt at end of fiscal year	5,746,194	5,844,308	5,791,783	5,959,064
Cash and security holdings	13,195,390	14,439,572	18,319,082	19,551,589

Source: U.S. Census Bureau, Governments Division, State Government Finances (annual);  
<http://www.census.gov/govs/www/state.html> accessed November 26, 2008.

**Table 9.13-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES,  
BY LEVEL OF GOVERNMENT: 2006**

[In thousands of dollars. For fiscal year ending June 30. Detail may not sum to subtotals due to rounding and categories not shown separately]

Category	State & local 1/	State	Local 1/
Revenue 1/	11,998,548	9,856,552	2,378,623
General revenue 1/	10,467,477	8,551,896	2,152,208
Intergovernmental revenue 1/	2,010,017	1,834,393	412,251
General revenue from own sources	8,457,460	6,717,503	1,739,957
Taxes	6,199,404	4,918,655	1,280,749
Property	982,653	-	982,653
Sales and gross receipts	3,168,154	3,011,603	156,551
Individual income	1,550,757	1,550,757	-
Corporate income	148,084	148,084	-
Motor vehicle license	210,433	108,030	102,403
Other taxes	139,323	100,181	39,142
Charges & misc. general revenue	2,258,056	1,798,848	459,208
Current charges 2/	1,497,139	1,142,090	355,049
Education	262,356	262,356	-
Hospitals	414,270	414,270	-
Air transportation (airports)	254,869	254,869	-
Sewerage	185,825	-	185,825
Miscellaneous general revenue	760,917	656,758	104,159
Utility revenue	226,415	-	226,415
Insurance trust revenue	1,304,656	1,304,656	-
Expenditure 1/	11,018,210	8,913,697	2,258,163
Intergovernmental expenditure 1/	4,213	157,863	-
Direct expenditure by function	11,013,997	8,755,834	2,258,163
Direct general expenditure	9,845,658	7,932,409	1,913,249
Capital outlay	865,712	518,424	347,288
Other direct general expenditure	9,017,711	7,413,985	1,603,726
Education services 3/	2,944,150	2,944,120	30
Education	2,912,611	2,912,611	-
Libraries	31,539	31,509	30
Social services & income maintenance 3/	2,425,698	2,361,004	64,694
Public welfare	1,444,426	1,423,010	21,416
Hospitals	407,814	407,814	-
Health	517,047	473,769	43,278
Employment security administration	54,868	54,868	-
Veterans' services	1,543	1,543	-
Transportation 3/	674,109	496,660	177,449
Highways	445,164	268,231	176,933
Air transportation (airports)	188,687	188,687	-

Continued on next page.

**Table 9.13-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES,  
BY LEVEL OF GOVERNMENT: 2006 -- Con.**

Category	State & local 1/	State	Local 1/
Public safety 3/	632,651	221,394	411,257
Police protection	278,684	11,289	267,395
Fire protection	136,925	-	136,925
Correction	179,322	179,322	-
Protective inspection and regulation	37,720	30,783	6,937
Environment and housing 3/	909,956	284,645	625,311
Natural resources	122,566	118,802	3,764
Parks and recreation	228,904	72,007	156,897
Housing and community development	173,331	92,699	80,632
Sewerage	201,264	950	200,314
Solid waste management	183,891	187	183,704
Governmental administration 3/	597,517	385,460	212,057
Interest on general debt	554,995	432,173	122,822
General expend., not elsewhere classified 3/	1,106,582	806,953	299,629
Utility expenditure 3/	344,914	-	344,914
Water supply	197,209	-	197,209
Transit	147,705	-	147,705
Insurance trust expenditure	823,425	823,425	-
Debt outstanding	9,503,975	5,791,783	3,712,192
Short-term	64,600	-	64,600
Long-term	9,439,375	5,791,783	3,647,592
Long-term debt by purpose	9,242,339	9,242,340	9,242,341
Public debt for private purposes	438,188	438,188	0
Addendum: Long-term debt issued	979,479	350,119	629,360
Addendum: Long-term debt retired	813,309	402,644	410,665
Cash and security holdings	19,830,609	18,319,082	1,511,527
Insurance trust funds	13,195,464	13,195,464	-
Unemployment compensation	492,290	492,290	-
Employee retirement	12,681,533	12,681,533	-
Other than insurance trust funds	6,635,145	5,123,618	1,511,527

1/ Duplicative intergovernmental transactions are excluded.

2/ Charges include highways, parking facilities, sea and inland port facilities, natural resources, parks and recreation, housing and community development, solid waste management, and other charges.

3/ Includes capital outlay.

Source: U.S. Census Bureau, Governments Division, "Table 1. State and Local Government Finances by Level of Government and by State: 2005-06" <<http://ftp2.census.gov/govs/estimate/06slsstab1a.xls>> accessed May 21, 2008.

**Table 9.14-- HAWAII STATE GOVERNMENT FINANCES, TOTAL AND  
PER CAPITA: 2007**

[Amount in thousands of dollars, per capita in dollars. For fiscal year ending June 30]

<b>Category</b>	<b>Amount</b>	<b>Percent distribution</b>	<b>Per capita 1/</b>
Total revenue	11,176,293	100.00	8,708.43
General revenue	9,073,319	81.18	7,069.82
Intergovernmental revenue	2,063,945	18.47	1,608.20
Taxes	5,093,842	45.58	3,969.06
General sales	2,557,644	22.88	1,992.88
Selective sales	670,321	6.00	522.31
License taxes	156,238	1.40	121.74
Individual income	1,560,306	13.96	1,215.77
Corporate income	100,847	0.90	78.58
Other taxes	48,486	0.43	37.78
Current charges	1,158,402	10.36	902.61
Miscellaneous general revenue	757,130	6.77	589.95
Insurance trust revenue	2,102,974	18.82	1,638.61
Total expenditure	9,848,210	100.00	7,673.60
General expenditure, by function:	8,969,744	91.08	6,989.11
Education	3,239,562	32.89	2,524.23
Public welfare	1,494,003	15.17	1,164.11
Hospitals	454,936	4.62	354.48
Health	611,503	6.21	476.48
Highways	306,179	3.11	238.57
Police protection	15,661	0.16	12.20
Correction	197,273	2.00	153.71
Natural resources	142,296	1.44	110.88
Parks and recreation	78,091	0.79	60.85
Government administration	427,641	4.34	333.21
Interest on general debt	458,350	4.65	357.14
Other and unallocable	1,544,249	15.68	1,203.26
Insurance trust expenditure	878,141	8.92	684.24
Exhibit: General expenditure	8,969,744	100.00	6,989.11
Intergovernment expenditure	138,054	1.54	107.57
Direct expenditure	8,831,690	98.46	6,881.54
Debt at end of fiscal year	5,959,064	100.00	4,643.23
Cash and security holdings	19,551,589	100.00	15,234.36

1/ Based on July 1, 2007 population for Hawaii of 1,283,388. As released December 27, 2007 by the U.S. Census Bureau, Population Division, "Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2007" (NST-EST2007-01).

Source: U.S. Census Bureau, Governments Division, 2007 State Government Finances <<http://www.census.gov/govs/state/0712hist.html>> accessed November 26, 2008 and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.15-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES  
TOTAL AND PER CAPITA: 2006**

[In thousands of dollars. For fiscal year ending June 30. Detail may not sum to subtotals due to rounding and categories not shown separately]

<b>Category</b>	<b>Total 1/</b>	<b>Percent distribution</b>	<b>Per capita 2/</b>
Revenue 1/	11,998,548	100.00	9,383.87
General revenue 1/	10,467,477	87.24	8,186.45
Intergovernmental revenue 1/	2,010,017	16.75	1,572.00
General revenue from own sources	8,457,460	70.49	6,614.44
Taxes	6,199,404	51.67	4,848.45
Property	982,653	8.19	768.52
Sales and gross receipts	3,168,154	26.40	2,477.76
Individual income	1,550,757	12.92	1,212.82
Corporate income	148,084	1.23	115.81
Motor vehicle license	210,433	1.75	164.58
Other taxes	139,323	1.16	108.96
Charges & misc. general revenue	2,258,056	18.82	1,765.99
Current charges 3/	1,497,139	12.48	1,170.89
Education	262,356	2.19	205.18
Hospitals	414,270	3.45	323.99
Air transportation (airports)	254,869	2.12	199.33
Sewerage	185,825	1.55	145.33
Miscellaneous general revenue	760,917	6.34	595.10
Utility revenue	226,415	1.89	177.08
Insurance trust revenue	1,304,656	10.87	1,020.35
Expenditure 1/	11,018,210	100.00	8,617.17
Intergovernmental expenditure 1/	4,213	0.04	3.29
Direct expenditure by function	11,013,997	99.96	8,613.87
Direct general expenditure	9,845,658	89.36	7,700.13
Capital outlay	865,712	7.86	677.06
Other direct general expenditure	9,017,711	81.84	7,052.61
Education services 4/	2,944,150	26.72	2,302.57
Education	2,912,611	26.43	2,277.91
Libraries	31,539	0.29	24.67
Social services & income maintenance 4/	2,425,698	22.02	1,897.10
Public welfare	1,444,426	13.11	1,129.66
Hospitals	407,814	3.70	318.94
Health	517,047	4.69	404.37
Employment security administration	54,868	0.50	42.91
Veterans' services	1,543	0.01	1.21
Transportation 4/	674,109	6.12	527.21
Highways	445,164	4.04	348.16
Air transportation (airports)	188,687	1.71	147.57

Continued on next page.

**Table 9.15-- HAWAII STATE AND LOCAL GOVERNMENT FINANCES  
TOTAL AND PER CAPITA: 2006 -- Con.**

Category	Total 1/	Percent distribution	Per capita 2/
Public safety 4/	632,651	5.74	494.79
Police protection	278,684	2.53	217.95
Fire protection	136,925	1.24	107.09
Correction	179,322	1.63	140.24
Protective inspection and regulation	37,720	0.34	29.50
Environment and housing 4/	909,956	8.26	711.66
Natural resources	122,566	1.11	95.86
Parks and recreation	228,904	2.08	179.02
Housing and community development	173,331	1.57	135.56
Sewerage	201,264	1.83	157.41
Solid waste management	183,891	1.67	143.82
Governmental administration 4/	597,517	5.42	467.31
Interest on general debt	554,995	5.04	434.05
General expend., not elsewhere classified 3/	1,106,582	10.04	865.44
Utility expenditure 4/	344,914	3.13	269.75
Water supply	197,209	1.79	154.23
Transit	147,705	1.34	115.52
Insurance trust expenditure	823,425	7.47	643.99
Debt outstanding	9,503,975	100.00	7,432.91
Short-term	64,600	0.68	50.52
Long-term	9,439,375	99.32	7,382.38
		0.00	
Long-term debt by purpose	9,242,339	97.25	7,228.29
Public debt for private purposes	438,188	4.61	342.70
Addendum: Long-term debt issued	979,479	10.31	766.03
Addendum: Long-term debt retired	813,309	8.56	636.08
Cash and security holdings	19,830,609	100.00	15,509.20
Insurance trust funds	13,195,464	66.54	10,319.96
Unemployment compensation	492,290	2.48	385.01
Employee retirement	12,681,533	63.95	9,918.02
Other than insurance trust funds	6,635,145	33.46	5,189.24

1/ Duplicative intergovernmental transactions are excluded.

2/ Based on Hawaii population July 1, 2006 of 1,278,635.

3/ Charges include highways, parking facilities, sea and inland port facilities, natural resources, parks and recreation, housing and community development, solid waste management, and other charges.

4/ Includes capital outlay.

Source: U.S. Census Bureau, Governments Division, "Table 1. State and Local Government Finances by Level of Government and by State: 2005-06" <<http://ftp2.census.gov/govs/estimate/06slsstab1a.xls>> accessed May 21, 2008 and Population Division, "Table 1: Annual Estimates of the Population for the United States and States, and for Puerto Rico: April 1, 2000 to July 1, 2007" (NST-EST2007-01) (December 27, 2007) <<http://www.census.gov/popest/states/tables/NST-EST2007-01.xls>> accessed December 27, 2007 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.16-- STATE GOVERNMENT REVENUES: 2003**

[Rounded to thousands of dollars. For fiscal year ending June 30. Data not compiled for 2001 or 2002]

Source of revenues	Total	General fund	Special funds
Total 1/	6,980,472	3,497,182	3,483,290
Tax revenues	3,684,402	3,174,120	510,282
General excise	1,792,699	1,784,129	8,570
Specific excises 2/	467,692	299,814	167,878
Individual income	1,037,826	1,037,826	-
Corporate income	8,262	8,262	-
Transient accommodations	91,252	-	91,252
Unemployment compensation	209,450	-	209,450
Other taxes, licenses, permits 3/	77,221	44,089	33,132
Federal grants-in-aid	1,336,544	6,708	1,329,836
Fines & forfeitures	24,434	17,929	6,505
Rents, royalties & land inc. 4/	114,410	9,250	105,160
Revenues from other agencies	48,539	3,857	44,682
Earnings: general dept.	866,512	131,323	735,189
public service enterprises	178,072	-	178,072
Interest earned	104,158	25,453	78,705
Miscellaneous	623,401	128,542	494,859

1/ Excludes transfers and repayments except as shown.

2/ Includes public service companies, tobacco, liquor, insurance premiums, vehicle registration and weight, and fuel taxes.

3/ Includes franchise, inheritance and estate, hospital and nursing home, and conveyance taxes.

4/ Includes investment and unallocable interest income.

Source: Compiled by the Tax Foundation of Hawaii from Hawaii State Department of Accounting and General Services, *Annual Report of the Comptroller*.

**Table 9.17-- STATE GOVERNMENT EXPENDITURES, BY FUNCTION:  
2004 TO 2008**

[In thousands of dollars. For fiscal year ending June 30]

Function	2004	2005	2006	2007	2008
Total expenditures	5,972,173	6,399,696	7,062,832	7,888,242	8,220,571
Current	5,670,658	6,077,748	6,615,255	7,385,509	7,741,836
General government	450,975	508,154	493,301	458,236	537,541
Public safety	265,432	291,369	322,578	376,032	411,152
Highways	222,672	301,784	267,213	337,862	406,795
Conservation of natural resources	64,774	74,188	86,628	107,578	103,596
Health	518,667	564,807	685,679	832,333	863,914
Welfare	1,545,322	1,614,559	1,709,810	1,770,707	1,857,473
Lower education	1,758,424	1,798,208	1,984,129	2,305,280	2,201,901
Higher education	480,296	559,379	678,338	759,777	815,116
Other education	22,807	19,667	19,183	20,122	23,206
Culture and recreation	66,884	73,774	87,478	92,574	110,404
Urban redevelopment & housing	55,077	52,698	60,725	170,614	255,783
Economic devel. & assistance	215,133	214,377	215,559	147,146	149,075
Other	4,195	4,784	4,634	7,248	5,880
Debt service	301,515	321,948	447,577	502,733	478,735
Principal	113,629	128,378	247,935	271,010	231,478
Interest and others	187,886	193,570	199,642	231,723	247,257

Source: Hawaii State Department of Accounting and General Services, *Comprehensive Annual Financial Report For The Fiscal Year Ended June 30, 2008*, p. 151  
<<http://hawaii.gov/dags/accounting-division/cafr2008.pdf>> accessed June 29, 2009.

**Table 9.18-- STATE GOVERNMENT REVENUES, ALL FUND TYPES,  
BY SOURCE: 2004 TO 2008**

[In thousands of dollars. For fiscal year ending June 30]

Function	2004	2005	2006	2007	2008
Total revenues	5,790,248	6,475,470	7,029,594	7,269,812	7,396,658
Total taxes	3,753,383	4,316,931	4,746,538	4,853,267	4,857,364
General excise	1,900,077	2,145,603	2,359,316	2,632,485	2,597,121
Net income - corp. & personal	1,254,341	1,484,664	1,664,331	1,618,570	1,637,265
Public service companies	99,505	108,686	120,678	124,017	127,481
Transient accommodations	101,580	110,723	124,133	7,382	17,756
Tobacco and liquor	120,637	128,982	134,216	131,813	134,886
Liquid fuel	81,401	82,733	84,719	87,179	90,123
Insurance companies' premiums	79,477	84,822	89,778	96,385	96,332
Vehicle weight and registration	46,567	54,057	56,101	59,422	60,842
Rental motor/tour vehicle surcharge	41,414	43,950	48,092	49,479	49,196
Franchise	-	38,520	18,324	2,000	20,213
Other	28,384	34,191	46,850	44,535	26,149
Non-taxes	2,036,865	2,158,539	2,283,056	2,416,545	2,539,294
Interest and investment income	41,903	58,236	82,013	122,606	115,247
Charges for current services	229,142	298,670	343,424	318,235	341,371
Intergovernmental	1,528,280	1,574,899	1,601,005	1,727,895	1,807,376
Rentals	30,893	28,732	32,493	21,639	20,152
Fines, forfeitures, and penalties	30,453	27,482	26,827	28,488	32,618
Licenses and fees	25,643	27,297	29,364	30,837	31,731
Revenues from private sources	42,264	41,836	39,647	39,401	59,508
Other	108,287	101,387	128,283	127,444	131,291

Source: Hawaii State Department of Accounting and General Services, *Comprehensive Annual Financial Report For The Fiscal Year Ended June 30, 2008*, p. 151  
<<http://hawaii.gov/dags/accounting-division/cafr2008.pdf>> accessed June 29, 2009.

**Table 9.19-- COUNTY GOVERNMENT OPERATING REVENUES,  
BY SOURCE: 2003**

[Data are rounded to thousands of dollars. For fiscal year ending June 30]

<b>Subject</b>	<b>All counties</b>	<b>City &amp; Co. of Honolulu</b>	<b>County of Maui</b>	<b>County of Hawaii</b>	<b>County of Kauai</b>
Total 1/	1,586,151	1,053,617	216,960	208,801	106,772
Taxes	821,269	508,411	128,494	130,439	53,924
Real property	643,235	385,872	105,106	109,991	42,266
Liquid fuel	67,044	47,156	8,720	7,343	3,824
Utility franchise	34,612	22,652	4,823	4,817	2,320
Public service company	38,262	25,171	4,842	5,064	3,185
Motor vehicle weight	38,116	27,560	5,002	3,225	2,329
Liquor licenses & fees	5,885	2,504	1,701	1,036	644
Parking meter fees	4,250	4,239	-	11	-
Other licenses & fees 2/	42,009	31,245	4,188	5,000	1,576
Fines, forfeits & penalties	2,220	646	1,188	386	-
Departmental earnings 3/	311,418	248,273	33,797	16,403	12,945
Mass transit	31,358	31,358	-	-	-
State grants	100,137	38,455	20,427	27,632	13,623
Others	25,828	5,852	3,571	13,881	2,523
Transient accom. tax	74,309	32,603	16,856	13,751	11,099
Federal grants	160,527	89,151	24,541	23,581	23,253
Miscellaneous	107,079	99,335	2,624	4,313	806

1/ Excludes loan, bond, revolving, trust funds, Board of Water Supply revenues and for County of Hawaii excludes Hilo Hospital. For City & County of Honolulu includes bus transportation and H-Power revenues.

2/ Other licenses, permits and fees.

3/ Includes rentals, interest, and other earnings.

Source: Tax Foundation of Hawaii compilations of the Finance Directors' Annual Reports of the City & County of Honolulu, and the counties of Hawaii, Kauai and Maui (various reports) and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.20-- COUNTY GOVERNMENT OPERATING EXPENDITURES,  
BY OBJECT: 2003**

[Data are rounded to thousands of dollars. For fiscal year ending June 30]

Subject	City & County of Honolulu 1/	Neighbor island counties	County of Maui	County of Hawaii	County of Kauai
Total 2/	1,365,669	513,815	221,275	195,956	96,584
General government:	115,067	57,638	18,971	21,543	17,124
Control	(NA)	10,086	4,852	3,194	2,041
Staff	(NA)	47,552	14,119	18,349	15,084
Public safety:	246,109	136,325	47,824	67,955	20,547
Police and fire	(NA)	113,797	41,851	53,050	18,895
Other protection	(NA)	22,528	5,973	14,904	1,651
Highways 3/	13,831	21,969	8,525	8,208	5,235
Health and sanitation	(NA)	42,556	18,703	15,642	8,210
Public welfare	(NA)	60,547	32,008	18,490	10,049
Public schools	(NA)	52	-	52	-
Recreation	(NA)	38,941	20,907	13,292	4,742
Interest	(NA)	22,836	10,997	8,332	3,507
Bond redemption	(NA)	29,077	13,594	10,977	4,506
Pension and retirement	(NA)	37,837	25,757	8,294	3,786
Mass transit 4/	150,523	1,522	-	1,522	-
Miscellaneous	101,655	40,283	13,408	17,889	8,986
Cash capital improvements	(NA)	24,232	10,580	3,761	9,891
Sanitation	265,331	(NA)	(NA)	(NA)	(NA)
Health and human resources	52,007	(NA)	(NA)	(NA)	(NA)
Culture and recreation	62,260	(NA)	(NA)	(NA)	(NA)
Urban redev. and housing	22,275	(NA)	(NA)	(NA)	(NA)
Utilities and other enterprises	22,557	(NA)	(NA)	(NA)	(NA)
Capital outlay	193,722	(NA)	(NA)	(NA)	(NA)
Debt service	120,332	(NA)	(NA)	(NA)	(NA)

NA Not available.

1/ Categories for the City and County of Honolulu may not be strictly comparable to the other counties'.

2/ All funds expended by the county excepting certain bond, revolving, loan, and enterprise funds.

3/ Category is 'Highways and streets' for the City and County of Honolulu.

4/ Includes transfers to the bus transportation fund which are not reported as operating expenditures.

Source: Tax Foundation of Hawaii unpublished compilations of the Finance Directors' Annual Reports of the City & County of Honolulu, and the counties of Hawaii, Kauai and Maui (various reports) and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.21-- NUMBER OF EXEMPTIONS AND ADJUSTED GROSS INCOME  
REPORTED ON INDIVIDUAL FEDERAL INCOME TAX RETURNS:  
TAX YEARS 1980 TO 2007**

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	694,035	1,277,961	35,510,051	51,165	27,786

1/ Exemptions for age or blindness excluded through 1981 and included thereafter. "Number of exemptions" also includes responses of taxpayers who checked the boxes on their tax returns for age 65 or over or for blindness, partly to justify the additional standard deductions for age or blindness. Treating these responses as if they were for personal exemptions enables some comparability to be maintained in the State data between years starting with 1987 (the first year for which the additional standard deductions were allowed for age and blindness) and earlier years, when additional personal exemptions were allowed for this purpose, instead. Note, though, that these responses were not included in the 1996 statistics, so data for that year are not altogether comparable with those for 1997 and years preceding 1996.

2/ Number of exemptions unavailable for all income classes.

Source: U.S. Treasury Department, Internal Revenue Service, *Statistics of Income. Individual Income Tax Returns* (annual); *SOI Bulletin, Summer 1985*, p. 93; *Winter 1985-86*, p. 97; *Winter 1986-87*, p. 83; *Fall 1990*, pp. 11-57; *Winter 1990-91*, p. 58; *Spring 1993*, p. 148; *Fall 1994*, p. 148; and thereafter *Spring 1995* through *Spring 2003* and thence Tax Year "Individual Income and Tax Data, by State and Size of Adjusted Gross Income" (annual) <<http://www.irs.gov/taxstats/article/0,,id=171535,00.html>> accessed June 30, 2009; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.22-- ADJUSTED GROSS INCOME AND INCOME TAX, BY SIZE OF ADJUSTED GROSS INCOME, FOR INDIVIDUAL FEDERAL INCOME TAX RETURNS: TAX YEARS 2004 TO 2006**

Tax year 1/ and size of adjusted gross income	Number of returns	Adjusted gross income less deficit (\$1,000)	Total income tax liability		
			Number of returns	Amount (\$1,000)	Average (dollars)
2004					
All returns	606,129	28,113,640	459,358	3,314,030	7,214
Under \$50,000 2/	424,083	8,456,751	280,765	536,105	1,909
\$50,000 under \$75,000	83,235	5,108,526	80,207	453,907	5,659
\$75,000 under \$100,000	46,391	3,998,305	46,055	408,665	8,873
\$100,000 under \$200,000	41,609	5,414,148	41,531	759,244	18,281
\$200,000 or more	10,811	5,135,910	10,800	1,156,109	107,047
Median income	(3/)	(X)	(X)	(X)	(X)
2005					
All returns	621,014	31,284,219	475,073	3,785,802	7,969
Under \$50,000 2/	424,181	8,612,480	282,410	543,765	1,925
\$50,000 under \$75,000	86,820	5,331,817	83,290	475,812	5,713
\$75,000 under \$100,000	49,749	4,293,504	49,224	432,120	8,779
\$100,000 under \$200,000	46,907	6,122,968	46,804	844,071	18,034
\$200,000 or more	13,357	6,923,449	13,345	1,490,034	111,655
Median income	(3/)	(X)	(X)	(X)	(X)
2006					
All returns	638,212	33,030,898	484,618	3,999,852	8,254
Under \$50,000 2/	428,128	8,760,477	279,785	544,837	1,947
\$50,000 under \$75,000	89,844	5,524,817	85,572	488,748	5,712
\$75,000 under \$100,000	53,086	4,583,027	52,303	449,644	8,597
\$100,000 under \$200,000	53,052	6,935,128	52,874	926,127	17,516
\$200,000 or more	14,102	7,227,449	14,084	1,590,496	112,929
Median income	(3/)	(X)	(X)	(X)	(X)

X Not applicable.

1/ Filed in following year.

2/ Includes returns with adjusted gross deficit.

3/ Unable to calculate precisely from published data as the median, defined as one-half the number below and one-half above occurs within the lowest AGI category which includes returns with adjusted gross deficit., i.e. the median occurs at return number 319,106 for tax year 2006 which is in the "Under \$50,000" category.

Source: U.S. Treasury Department, Internal Revenue Service, Tax Year "Individual Income and Tax Data, by State and Size of Adjusted Gross Income" (annual) <<http://www.irs.gov/taxstats/article/0,,id=171535,00.html>> accessed July 3, 2008 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.23-- FEDERAL INDIVIDUAL INCOME TAX RETURNS, SELECTED INCOME AND TAX ITEMS:  
TAX YEAR 2005 AND 2006**

[Money amounts in thousands of dollars unless otherwise noted. State totals do not include deleted ZIP code totals. No report was issued for 2003]

Adjusted gross income size (dollars)	No. of returns	No. of exemptions		Adjusted gross income	Salaries and wages		Taxable interest		Total tax	
		Total	Dependent exemptions		No. of returns	Amount	No. of returns	Amount	No. of returns	Amount
Total - 2005	605,108	1,185,372	349,591	30,661,609	502,681	20,741,894	323,526	498,281	462,095	3,681,671
Under 10,000 1/	109,075	143,507	23,816	238,123	78,154	433,203	35,352	24,245	32,382	14,131
10,000 under 25,000	143,612	235,782	65,309	2,500,272	118,618	2,015,942	49,619	39,397	102,765	107,635
25,000 under 50,000	160,031	308,952	95,909	5,753,565	139,892	4,741,986	83,344	67,379	138,664	402,324
50,000 under 75,000	84,517	204,089	67,964	5,194,400	72,973	4,008,886	60,885	66,940	81,050	462,041
75,000 under 100,000	48,625	132,684	45,118	4,201,500	42,712	3,184,361	40,243	53,602	48,117	422,767
100,000 or more	59,248	160,358	51,475	12,773,749	50,332	6,357,516	54,083	246,718	59,117	2,272,773
Total - 2006	622,111	1,170,347	353,456	32,115,831	511,986	21,751,814	342,823	716,550	471,554	3,840,885
Under 10,000 1/	112,749	116,322	23,943	207,878	75,795	436,673	38,001	31,669	31,022	14,623
10,000 under 25,000	140,394	223,572	63,918	2,448,689	115,703	1,965,508	50,497	52,186	99,072	103,588
25,000 under 50,000	163,851	308,542	94,830	5,902,716	143,879	4,868,851	86,464	91,659	141,511	407,908
50,000 under 75,000	87,492	205,316	67,338	5,387,253	75,310	4,129,267	64,004	97,212	83,309	475,734
75,000 under 100,000	51,833	138,514	46,450	4,477,830	45,238	3,345,281	43,330	80,794	51,064	438,936
100,000 under 200,000	52,137	142,925	46,427	6,862,456	45,333	4,682,598	47,439	141,621	51,945	918,951
200,000 or more	13,655	35,156	10,550	6,829,009	10,728	2,323,636	13,088	221,409	13,631	1,481,145

1/ Adjusted gross income size of "Under \$10,000" includes adjusted gross deficits.

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 2005"; Ibid. "Tax Year 2006". See also <<http://www.irs.gov/taxstats/indtaxstats/article/0,,id=96947,00.html>>.

**Table 9.24-- FEDERAL INDIVIDUAL INCOME TAX RETURNS, SELECTED INCOME AND TAX ITEMS,  
BY SELECTED ZIP CODES: TAX YEAR 2006**

[Money amounts in thousands of dollars. State total does not include deleted ZIP code totals. ZIP codes were selected on basis of highest total tax amount]

Zip code	No. of returns	No. of exemptions		Adj. gross income	Salaries and wages		Taxable interest		Total tax	
		Total	Depen- dents		No. of returns	Amount	No. of returns	Amount	No. of returns	Amount
State total	622,111	1,170,347	353,456	32,115,831	511,986	21,751,814	342,823	716,550	471,554	3,840,885
96816	25,950	42,954	10,189	1,856,347	19,190	954,578	17,538	58,777	20,860	323,751
96821	10,057	17,677	4,264	1,117,470	7,097	562,098	7,915	41,022	8,475	198,924
96734	22,452	44,042	12,954	1,478,708	18,236	975,713	14,027	32,286	17,735	196,563
96822	21,246	33,657	7,058	1,314,385	16,240	774,488	13,985	38,285	17,356	192,349
96825	14,743	27,563	7,106	1,213,987	11,390	745,904	11,129	33,318	12,414	176,530
96744	26,735	49,879	14,349	1,493,164	21,716	1,051,358	17,012	28,196	21,549	172,350
96789	25,022	51,054	16,359	1,508,428	21,956	1,189,758	17,156	19,715	20,643	156,915
96813	11,872	19,004	4,387	988,343	8,915	415,089	6,654	38,512	9,001	151,606
96817	27,490	48,660	13,792	1,190,214	21,579	793,049	14,676	28,874	19,499	144,517
96701	20,970	37,956	10,317	1,161,040	17,112	804,239	13,489	23,026	17,001	139,100
96797	33,023	66,668	22,712	1,413,639	29,529	1,181,803	16,947	16,043	24,080	120,382
96815	14,936	21,862	3,497	817,892	10,997	449,068	8,126	32,770	11,853	120,317
96720	21,768	40,867	12,505	964,018	17,546	661,625	12,356	20,846	15,716	108,224
96782	18,398	34,344	9,467	867,683	14,627	602,641	11,550	16,095	14,646	86,556
96818	20,316	44,129	15,212	929,584	17,957	742,329	10,994	14,639	15,125	84,868
96706	24,600	54,215	20,035	1,117,462	22,660	974,288	12,299	8,521	17,973	84,810
96753	11,970	20,753	5,361	631,831	9,747	410,824	5,848	20,820	9,619	77,766
96814	9,234	14,322	2,717	511,474	6,854	304,553	5,317	17,762	7,252	76,449
96819	22,462	43,698	14,727	828,297	19,156	628,840	10,041	14,770	15,180	75,371
96740	10,905	19,984	5,420	591,661	8,769	363,957	5,665	17,394	8,680	73,147

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 2006". See also <<http://www.irs.gov/taxstats/indtaxstats/article/0,,id=96947,00.html>>.

**Table 9.25-- SELECTED CHARACTERISTICS OF INDIVIDUAL FEDERAL  
INCOME TAX RETURNS: TAX YEARS 2005 AND 2006**

Subject	2005		2006	
	Number of returns	Amount (\$1,000)	Number of returns	Amount (\$1,000)
All returns and adj. gross income (AGI) 1/	621,014	31,284,219	638,212	33,030,898
Salaries and wages	516,766	21,257,026	525,731	22,287,296
Taxable interest income	330,470	524,974	350,071	795,572
Ordinary dividends	152,420	591,005	155,818	718,955
Business or prof. net income (less loss)	94,076	1,440,415	97,340	1,420,478
Farm returns	5,712	(NA)	5,709	(NA)
Net capital gain (less loss)	123,069	2,944,627	125,759	3,122,347
Taxable indiv. retire. arrangements distrib.	42,964	445,507	44,956	508,106
Pensions and annuities	117,871	2,474,771	121,589	2,637,375
Unemployment compensation	22,175	81,160	22,525	85,664
Social security benefits	63,566	660,269	68,711	752,473
Self-employment retirement plans	7,090	117,553	6,872	118,191
Exemptions	1,194,091	(NA)	1,198,076	(NA)
Itemized deductions	208,043	4,838,503	214,498	5,307,127
State and local income taxes	180,875	1,114,546	186,354	1,193,189
State and local general sales tax	23,253	21,603	23,198	32,227
Real estate taxes	160,465	239,723	164,563	279,619
Taxes paid	208,019	1,527,022	214,424	1,527,874
Mortgage interest paid	160,201	2,178,248	163,939	2,541,731
Contributions	180,850	599,716	180,602	687,464
Taxable income	497,788	21,313,120	506,578	22,392,378
Total tax credits	187,325	215,643	197,368	228,944
Residential energy tax credit	(NA)	(NA)	7,049	6,282
Child tax credit	112,033	142,505	111,307	141,125
Child care credit	30,141	13,480	29,519	13,481
Earned income credit	87,540	143,818	88,957	150,912
Excess earned income credit (refundable)	75,173	129,187	76,091	135,092
Alternative minimum tax	13,517	61,354	13,428	76,970
Income tax	448,468	3,563,593	456,580	3,769,398
Tax liability	475,073	3,785,802	484,618	3,999,852
Tax due at time of filing	126,898	471,414	129,262	456,047
Overpayments (negative amount)	454,585	910,460	479,992	-995,385

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, Ibid. Tax Year 2005 <<http://www.irs.gov/pub/irs-soi/05in12hi.xls>> accessed August 9, 2007; and Ibid. Tax Year 2006 <<http://www.irs.gov/pub/irs-soi/06in12hi.xls>> accessed July 3, 2008.

**Table 9.26-- INTERNAL REVENUE SERVICE OPERATIONS: 2004 TO 2008**

[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	2004	2005	2006	2007	2008
Total number of returns filed	1,034,878	1,050,141	1,069,903	1,097,173	1,160,161
Individual income tax 1/	590,168	604,667	617,089	637,469	689,759
Estate and trust income tax	13,240	12,891	12,936	13,151	13,327
Partnership tax	8,178	8,614	8,948	10,220	10,680
Corporate income tax 2/	26,770	26,229	26,757	27,220	29,067
Estate tax	380	416	373	309	294
Gift tax	1,746	2,036	1,813	1,810	1,480
Employment taxes	121,710	126,593	129,557	128,691	127,946
Excise taxes	805	1,164	1,076	1,078	1,249
Other 3/	271,881	267,531	271,354	277,225	286,359
Total no. of returns filed electronically	234,093	271,349	289,689	313,551	373,496
Individual income tax 1/	219,908	246,941	267,739	288,542	334,559
Estate and trust income tax	1,347	1,738	1,760	1,727	1,627
Partnership tax	174	297	491	804	1,218
Corporate income tax 2/	103	379	1,043	1,617	2,332
Employment taxes	12,561	21,971	18,606	20,759	21,126
Other 4/	(NA)	23	50	102	12,634
Total number of refunds issued 1/	477,749	490,187	500,775	528,506	1,081,714
Corporate income tax	2,461	2,669	2,872	3,537	3,461
Individual income tax	467,844	477,931	487,732	514,212	526,822
Economic stimulus payments 5/	(X)	(X)	(X)	(X)	540,854
Employment taxes	7,120	9,017	9,784	10,266	10,148
Estate tax	80	101	89	85	97
Gift tax	9	14	13	21	15
Excise taxes	235	455	285	385	317
Total amount of refunds issued (\$1,000)	902,878	1,007,805	983,897	1,107,617	1,604,152
Corporate income tax	62,467	112,953	43,092	81,178	71,738
Individual income tax	831,053	881,252	924,085	992,082	1,072,024
Employment taxes	6,155	9,016	8,930	8,773	11,115
Economic stimulus payments 5/	(X)	(X)	(X)	(X)	441,709
Estate tax	2,438	1,912	6,896	5,336	6,242
Gift tax	53	81	148	8	4
Excise taxes	712	2,591	747	4,794	1,321
Telephone excise tax 1/	(X)	(X)	(X)	15,446	(X)

NA Not available.

X Not applicable.

1/ The IRS reported that the one-time telephone excise tax refund in 2007 resulted in an increase in the number of individual income tax returns filed, if only to claim the telephone excise tax refund for taxes paid on long distance telephone calls billed between February 28, 2003, and August 1, 2006. The number of refunds by State was not released. Similarly, the one-time economic stimulus payments associated with the Economic Stimulus Act of 2008 resulted in an increase in the number of individual income tax returns filed in FY 2008.

2/ Includes S corporations and C or other corporations income tax.

3/ Includes Individual estimated income tax, Estate and trust estimated income tax, Tax-exempt organizations, and supplemental documents.

4/ 2005 to 2007 is Tax-exempt organizations only, in 2008 also includes supplemental documents.

5/ 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/taxstats/article/0,,id=102174,00.html>> accessed March 13, 2009 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.27-- RESIDENT INDIVIDUAL STATE INCOME TAX RETURNS:  
TAX YEARS 1958 TO 2005**

<b>Year income was received</b>	<b>Number of resident returns</b>	<b>Adjusted gross income 1/ (\$1,000)</b>	<b>Taxable income (\$1,000)</b>	<b>Tax liability (\$1,000)</b>
1958	167,976	789,191	50,597	21,095
1959	177,602	911,841	599,402	25,618
1960	193,015	103,639	694,331	29,871
1961	192,644	1,084,611	579,629	28,479
1962	196,393	1,124,475	655,937	28,675
1963	204,828	1,219,950	715,902	31,368
1964	214,238	1,366,111	823,268	36,498
1965	223,391	1,451,319	886,502	39,885
1966	237,920	1,655,995	1,030,994	58,292
1967	243,217	1,792,129	1,134,116	65,439
1968	255,022	2,009,594	1,297,215	77,015
1969	274,600	2,340,353	1,530,237	93,391
1970	282,656	2,572,758	1,705,870	106,460
1971	287,599	2,758,042	1,804,963	114,120
1972	301,603	3,001,141	1,942,768	124,439
1973	316,998	3,307,736	2,128,630	138,670
1974	332,144	3,625,291	2,366,895	158,059
1975	341,706	3,928,483	2,571,637	174,563
1976	353,640	4,200,252	2,791,904	193,023
1977	365,804	4,638,815	3,096,724	217,339
1978	387,694	5,329,157	3,653,434	262,528
1979	410,797	5,541,432	3,818,885	279,008
1980	403,311	6,382,375	4,207,796	317,134
1981	429,100	6,759,002	4,416,316	332,288
1982	422,535	6,912,014	4,469,031	339,108
1983	424,194	7,088,769	4,695,499	360,551
1984	422,245	7,604,199	4,980,484	387,300
1985	427,572	8,060,406	5,284,942	415,544
1986	426,532	8,370,257	5,493,138	437,263
1987	468,363	10,147,149	7,170,035	556,135
1988	483,913	11,504,190	8,387,106	658,879
1989	510,512	13,091,785	9,540,367	729,649
1990	520,785	13,958,079	10,260,825	794,478
1991	527,993	14,648,266	10,745,622	840,485
1992	531,758	15,284,606	11,117,647	877,623
1993	532,533	15,307,960	11,178,223	884,048
1994	545,715	15,951,730	11,617,978	923,601
1995	521,194	15,307,772	11,115,466	883,119
1996	523,967	15,966,451	11,510,879	917,117
1997	514,563	16,651,182	12,245,720	983,677
1998	516,582	17,212,238	12,734,546	1,027,478
1999	517,178	18,276,952	13,760,031	949,346
2000	522,132	19,086,936	14,281,311	996,891
2001	522,741	18,815,637	14,056,450	938,328
2002	523,103	19,014,458	14,349,573	904,879
2003	526,516	19,886,764	15,082,448	959,014
2004	544,202	22,819,751	17,706,606	1,149,431
2005	554,563	24,910,803	19,370,582	1,274,707

1/ Beginning in 1998, includes returns with negative AGI. Prior to 1998, the category was footnoted as 'exclusive of losses' to indicate returns with negative AGI were excluded.

Source: Hawaii State Department of Taxation, *Hawaii Income Patterns Individuals* (annual), Table 1 (1958 - 2004) and Table A1 (2005) and for 1994-2005 <<http://www.state.hi.us/tax/taxreports.html>> accessed March 13, 2008.

**Table 9.28-- NONRESIDENT INDIVIDUAL STATE INCOME TAX RETURNS:  
TAX YEARS 1958 TO 2005**

Year income was received	Number of nonresident returns	Hawaii adjusted gross income 1/ (\$1,000)	Taxable income (\$1,000)	Tax liability (\$1,000)
1958	2,042	7,032	4,486	215
1959	2,857	9,455	5,834	265
1960	3,796	11,273	6,237	319
1961	4,181	13,141	4,512	307
1962	4,581	14,466	7,273	329
1963	4,668	14,779	4,838	342
1964	5,653	18,220	8,942	428
1965	16,713	25,433	11,432	514
1966	13,216	36,534	16,376	850
1967	14,595	44,495	22,124	1,123
1968	17,623	54,501	27,622	1,420
1969	21,174	69,168	37,459	1,918
1970	21,709	72,632	38,038	1,987
1971	19,360	67,671	34,611	1,810
1972	20,066	70,777	35,010	1,983
1973	21,091	83,709	41,577	2,443
1974	19,723	80,306	41,041	2,401
1975	20,479	86,345	43,365	2,557
1976	18,844	79,016	40,971	2,519
1977	19,120	27,853	43,919	2,756
1978	21,535	126,005	66,423	3,969
1979	21,109	97,857	53,079	3,085
1980	20,547	124,382	68,021	4,604
1981	19,220	125,460	63,493	4,209
1982	18,734	117,704	59,774	4,206
1983	18,269	141,569	76,856	5,397
1984	18,253	146,749	76,531	5,253
1985	19,761	152,493	83,007	5,958
1986	19,750	158,694	85,946	6,023
1987	24,019	248,057	153,184	10,587
1988	27,942	359,460	246,336	17,677
1989	28,335	348,697	235,916	15,939
1990	34,842	620,995	465,934	33,863
1991	37,192	487,673	330,025	22,703
1992	38,309	414,858	244,432	24,294
1993	37,657	472,539	323,031	22,373
1994	38,986	514,754	362,145	26,152
1995	34,651	420,322	293,600	20,302
1996	32,407	408,173	287,062	20,695
1997	48,183	526,607	(2/)	49,166
1998	48,815	494,790	(2/)	53,546
1999	49,545	564,958	685,077	44,132
2000	52,742	1,041,679	1,109,114	61,339
2001	52,429	744,438	789,217	49,897
2002	55,189	747,868	854,137	51,918
2003	58,416	977,389	1,077,268	67,263
2004	61,860	1,375,671	1,429,947	92,175
2005	67,586	2,033,074	2,013,637	134,034

1/ Beginning in 1998, includes returns with negative AGI. Prior to 1998, the category was footnoted as "exclusive of losses" to indicate returns with negative AGI were excluded.

2/ Hawaii Taxable Income not on N-15 Return.

Source: Hawaii State Department of Taxation, *Hawaii Income Patterns Individuals* (annual), Table 3 (1958- 2004) and Table A3 (2005) and for 1994-2005 <[http://www.hawaii.gov/tax/a5\\_5ind\\_inc.htm](http://www.hawaii.gov/tax/a5_5ind_inc.htm)> accessed March 13, 2008.

**Table 9.29-- SOURCES OF INCOME REPORTED BY ELDERLY AND ALL OTHER RESIDENT TAXPAYERS: TAX YEAR 2004 AND 2005**

[In thousands of dollars. Use of federal amounts for income sources was necessary as there is no detailed information on income sources on the Hawaii Form N-11 used by most residents]

Source of Income	Total	Elderly	All others
2004			
Salaries and wages	17,490,299	836,578	16,653,721
Taxable dividends	360,226	183,123	177,103
Interest	341,741	179,398	162,343
Sole proprietorships	851,369	92,897	758,472
Capital assets and other property	1,203,951	452,772	751,179
Rents and royalties	84,511	103,513	-19,002
Partnerships	534,077	63,434	470,643
Estates and trusts	47,733	26,743	20,990
Pensions and annuities	2,219,778	1,463,072	756,706
Taxable IRA payouts	349,353	218,862	130,491
Taxable Social Security	554,092	478,346	75,746
All other sources	1,488,359	270,416	1,217,943
Total reportable income for Federal purposes	25,525,489	4,369,154	21,156,335
Plus: Items taxed by Hawaii but not federal 1/	532,858	68,384	464,474
Less: Items taxed by federal but not by Hawaii 2/	2,908,619	2,017,152	891,467
Total reportable income for Hawaii purposes	23,149,728	2,420,386	20,729,342
2005			
Salaries and wages	20,478,691	1,404,472	19,074,219
Taxable dividends	426,017	223,890	202,127
Interest	397,104	196,505	200,599
Sole proprietorships	906,471	103,780	802,691
Capital assets and other property	1,729,695	660,611	1,069,084
Rents and royalties	104,315	115,043	-10,728
Partnerships	709,987	114,730	595,257
Estates and trusts	61,378	34,081	27,297
Pensions and annuities	2,176,152	1,438,567	737,585
Taxable IRA payouts	367,419	240,407	127,012
Taxable Social Security	580,227	503,551	76,676
All other sources 3/	62,441	-37,962	100,403
Total reportable income for Federal purposes	27,999,897	4,997,675	23,002,222
Plus: Items taxed by Hawaii but not federal 1/	523,240	67,430	455,810
Less: Items taxed by federal but not by Hawaii 2/	3,278,684	2,190,427	1,088,257
Total reportable income for Hawaii purposes	25,244,453	2,874,678	22,369,775

1/ Includes COLA for federal employees, Employee retirement contributions of state and county employees, and interest from municipal bonds.

2/ Includes Social security benefits, most pensions, and interest on federal bonds.

3/ Includes unemployment, tax refund income and miscellaneous and unknown income.

Source: Hawaii State Department of Taxation, *Hawaii Income Patterns Individuals* (annual), table 9, <[http://www.state.hi.us/tax/a5\\_5ind\\_inc.htm](http://www.state.hi.us/tax/a5_5ind_inc.htm)>, Department of Taxation unpublished detail and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.30-- SOURCES OF INCOME REPORTED BY NONRESIDENT TAXPAYERS: TAX YEARS 1999 TO 2005**

[In thousands of dollars]

<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, partnerships, 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 9.31-- STATE INCOME TAX RESIDENT RETURNS ON INCOME  
RECEIVED DURING 2005, BY ADJUSTED GROSS INCOME CLASS**

<b>Adjusted gross income class</b>	<b>Number of returns</b>	<b>Adjusted gross income 1/ (dollars)</b>	<b>Taxable income (dollars)</b>	<b>Tax liability (dollars)</b>
All resident returns	554,563	24,910,802,888	19,370,582,268	1,274,706,986
Taxable resident returns	459,649	24,817,167,718	19,370,582,268	1,274,706,986
Under \$5,000	24,728	82,320,217	34,331,571	572,495
\$5,000, under \$10,000	40,877	304,486,903	177,738,692	5,035,440
\$10,000, under \$20,000	76,933	1,152,892,788	808,566,929	34,741,828
\$20,000, under \$30,000	72,211	1,800,965,437	1,364,153,408	71,636,243
\$30,000, under \$40,000	55,353	1,922,392,933	1,474,329,577	84,825,893
\$40,000, under \$50,000	39,434	1,765,680,501	1,333,799,750	80,057,605
\$50,000, under \$75,000	65,469	4,034,336,707	2,990,159,936	187,372,907
\$75,000, under \$100,000	36,669	3,166,806,767	2,365,522,956	155,381,470
\$100,000, under \$150,000	28,833	3,443,684,999	2,651,591,924	184,356,267
\$150,000, under \$200,000	8,067	1,373,347,440	1,105,183,851	80,666,325
\$200,000 and over	11,075	5,770,253,026	5,065,203,674	390,060,513
Nontaxable resident returns	94,914	93,635,170	(X)	(X)
Loss	9,780	-286,715,090	(X)	(X)
Under \$5,000	65,030	75,765,013	(X)	(X)
\$5,000, under \$10,000	9,369	65,199,875	(X)	(X)
\$10,000 and over	10,735	239,385,372	(X)	(X)

X Not applicable.

1/ Includes returns with negative adjusted gross income.

Source: Hawaii State Department of Taxation, *Hawaii Income Patterns, Individuals, 2005*, table A1  
<<http://www.state.hi.us/tax/pubs/05indinc.pdf>> accessed March 13, 2008.

**Table 9.32-- MEDIAN ADJUSTED GROSS INCOME OF RESIDENT STATE INCOME TAX RETURNS, BY TYPE OF RETURN, 1982 TO 2005, AND BY COUNTY, 2005**

[In dollars]

Year income was received	Taxable and nontaxable returns 1/			Taxable returns only		
	All returns	Joint	Other 2/	All returns	Joint	Other 2/
1982	11,178	23,737	6,080	15,466	27,285	9,636
1983	11,297	25,047	6,432	15,937	29,076	10,009
1984	12,035	25,290	6,858	16,565	28,935	10,540
1985	12,488	25,838	7,087	17,124	29,870	10,710
1986	12,941	26,576	7,768	17,747	31,755	11,557
1987	13,252	29,036	7,709	17,977	34,063	11,131
1988	14,749	31,787	8,910	18,956	36,706	12,452
1989	15,614	34,581	9,382	20,502	39,305	13,748
1990	16,297	35,355	10,351	21,250	40,924	14,286
1991	17,737	37,709	11,607	22,502	43,322	15,321
1992	18,042	38,707	11,909	23,462	45,138	16,389
1993	18,504	39,838	11,913	24,196	46,222	17,296
1994	18,827	39,782	12,070	25,265	46,778	17,922
1995	19,602	39,147	13,401	25,277	46,714	18,439
1996	19,834	39,079	13,217	25,393	47,505	18,294
1997	20,866	41,750	13,671	26,475	48,865	18,475
1998	21,065	42,534	13,944	26,838	50,147	18,615
1999	21,662	44,656	14,596	27,445	52,085	18,969
2000	22,157	46,636	14,764	27,948	54,353	19,352
2001	22,626	46,012	15,649	28,159	53,899	19,809
2002	22,757	46,853	15,707	28,881	55,554	20,219
2003	23,533	47,966	16,483	29,920	58,011	21,140
2004	24,704	51,351	17,116	31,064	60,776	21,719
2005	25,826	53,304	17,829	32,371	63,439	22,949
COUNTY: 2005						
Oahu	25,992	54,562	17,635	32,838	64,936	22,926
Maui	27,435	54,962	20,149	32,730	62,932	24,066
Hawaii	23,770	47,115	16,750	29,977	58,318	22,109
Kauai	24,675	49,913	17,729	31,947	59,233	21,841

1/ Includes returns with adjusted gross income losses.

2/ Includes single, married filing separately, heads of households, and qualifying surviving spouses.

Source: Hawaii State Department of Taxation, *Hawaii Income Patterns, Individuals* (annual) and <<http://www.state.hi.us/tax/taxreports.html>> accessed March 13, 2008.

**Table 9.33-- TAX CREDITS CLAIMED, BY TYPE OF CREDIT AND BY TYPE OF TAXPAYER: 2005**

[In dollars]

Type of credit	Total	Individuals	Corporations	Financial corporations	Insurance underwriters	Fiduciaries	Exempt organizations
<b>Total</b>	199,939,471	109,891,545	53,465,922	7,387,020	26,130,743	2,917,994	146,247
Low-income	7,535,925	7,535,925	-	-	-	-	-
Renter's	5,762,650	5,762,650	-	-	-	-	-
Dependent care	8,857,085	8,857,085	-	-	-	-	-
Child car seat	101,950	101,950	-	-	-	-	-
Capital goods excise	23,522,063	6,107,472	14,659,282	2,685,353	-	60,012	9,944
Fuel credit for fishing	62,603	55,295	7,308	-	-	-	-
Motion picture	2,177,956	646,300	1,531,654	-	-	2	-
Hotel remodeling	15,318,215	2,007,754	13,261,261	-	-	49,200	-
Energy conservation	422,066	345,329	76,737	-	-	-	-
Renewable energy technologies	2,615,387	2,614,825	-	-	-	562	-
Vocational rehabilitation job	9,331	4,108	5,223	-	-	-	-
Enterprise zone	1,558,853	823,758	735,095	-	-	-	-
High technology	70,000,770	38,285,058	3,428,405	2,286,892	25,293,046	700,845	6,524
Technology infrastructure	19,900	1,360	18,540	-	-	-	-
Taxes paid to other jurisdictions	34,580,716	32,477,679	-	-	-	2,103,037	-
Low-income housing	5,428,604	44,235	2,131,897	2,414,775	837,697	-	-
Residential remodeling	7,874,760	2,503,215	5,370,783	-	-	762	-
School repair & maintenance	4,317	317	4,000	-	-	-	-
Research activities	13,237,569	1,008,432	12,095,784	-	-	3,574	129,779
Drought mitigation	14,595	2,785	11,810	-	-	-	-
Other refundable 1/	706,013	706,013	-	-	-	-	-
Lifeline telephone service	128,143	-	128,143	-	-	-	-

1/ Includes the tax credit from a regulated investment company, the tax credit for the pro rata share of taxes withheld and paid by a partnership, estate, trust, or S corporation on the sale of Hawaii real property interests, and individual development account contribution tax credit. The table reflects an unpublished clarification by the Hawaii Department of Taxation.

Source: Hawaii State Department of Taxation, *Tax Credits Claimed by Hawaii Taxpayers: 2005* (January 2008), p. 27  
<http://www.state.hi.us/tax/pubs/2005credit.pdf> accessed March 13, 2008 and records.

**Table 9.34-- GENERAL EXCISE AND USE TAX BASE AND COLLECTIONS:  
2007 AND 2008**

[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	
	2007	2008	2007	2008
All sources	84,499,454	81,563,051	2,623,514	2,570,489
Sources taxed at 4 percent	60,544,415	58,655,264	2,421,777	2,346,211
Retailing	26,448,776	25,498,526	1,057,951	1,019,941
Services	11,197,746	11,199,610	447,910	447,984
Contracting	8,072,912	7,987,126	322,916	319,485
Theater, amusement, radio, etc.	343,395	342,329	13,736	13,693
Interest	361,196	49,701	14,448	1,988
Commissions	1,237,583	992,113	49,503	39,685
Hotel rentals	3,406,579	3,130,759	136,263	125,230
All other rentals	5,765,256	6,039,571	230,610	241,583
Use	957,790	963,709	38,312	38,548
All others	2,753,181	2,451,819	110,127	98,073
Sources taxed at other rates 1/	23,955,039	22,907,787	117,676	112,637
Insurance solicitors	599,651	543,305	899	815
Sugar processing	-	15	-	-
Pineapple canning	-	-	-	-
Producing	475,827	448,975	2,379	2,245
Manufacturing	766,208	795,352	3,831	3,977
Wholesaling	13,903,196	13,400,692	69,516	67,003
Services (intermediary)	681,671	645,963	3,408	3,230
Use	7,528,487	7,073,484	37,642	35,367
Unallocated net collections	(2/)	(2/)	84,061	111,641

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 Base" and "General Excise and Use Tax Collections" (calendar year summary tables, March 25, 2009)

<[http://www.state.hi.us/tax/a5\\_3txcolrptarchive.htm](http://www.state.hi.us/tax/a5_3txcolrptarchive.htm)> accessed April 1, 2009.

**Table 9.35-- TOBACCO TAX COLLECTIONS: 1994 TO 2008**

[In dollars]

Year	Cigarettes 1/	Other tobacco products 2/
1994	33,424,978	2,802,993
1995	34,683,672	2,765,172
1996	35,836,158	1,805,131
1997	32,878,288	2,677,839
1998	35,694,448	3,804,475
1999	39,697,383	1,996,928
2000	40,777,139	2,941,355
2001	61,282,238	3,226,138
2002	64,892,154	1,863,028
2003	75,760,904	1,715,058
2004	81,615,862	1,768,561
2005	83,630,255	2,328,665
2006	85,006,267	5,403,122
2007	97,087,696	2,972,626
2008	102,480,449	3,470,170

1/ The rate per cigarette was changed on July 1, 1993 to \$0.03 (Act 220; SLH 1993); on September 1, 1997 to \$0.04; on July 1, 1998 to \$0.05; and on September 30, 2002 to \$0.06.

2/ Other [than cigarettes] tobacco products are taxed at 40 percent of wholesale value; see HRS, 1985 Replacement, section 245-3.

Source: Hawaii State Department of Taxation, "Tobacco Tax Collections and Licenses" (annual calendar year summary). See also <[http://www.hawaii.gov/tax/a5\\_3txcolrptarchive.htm](http://www.hawaii.gov/tax/a5_3txcolrptarchive.htm)>.

**Table 9.36-- LIQUOR TAX COLLECTIONS: 1990 TO 2008**

[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]

<b>Year</b>	<b>Total</b>	<b>Year</b>	<b>Total</b>
1990	42,094	2000	39,887
1991	40,125	2001	39,379
1992	40,983	2002	38,497
1993	38,286	2003	42,149
1994	38,753	2004	43,426
1995	37,486	2005	43,594
1996	38,624	2006	47,001
1997	38,624	2007	44,705
1998 1/	38,361	2008	47,568
1999	37,139		

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). See also <[http://www.hawaii.gov/tax/a5\\_3txcolrptarchive.htm](http://www.hawaii.gov/tax/a5_3txcolrptarchive.htm)>.

**Table 9.37-- STATE AND LOCAL SALES TAX REVENUE LOSSES FROM E-COMMERCE FOR THE UNITED STATES AND HAWAII: 2003 AND 2008**

[In millions of dollars unless otherwise specified. Estimates of losses due to jurisdiction's inability to collect taxes on sales via the Internet. See source for discussion of assumptions]

Tax revenue losses	Low-growth scenario		High-growth scenario	
	Total	New 1/	Total	New 1/
2003				
Total state and local				
U.S. (including Dist. of Columbia)	15,455.8	8,148.0	16,106.1	8,473.6
Hawaii	112.6	59.4	117.3	61.7
2008				
Total state and local	21,535.6	11,801.8	33,677.8	17,872.9
State	17,800.1	(X)	27,835.7	(X)
Local	3,735.4	(X)	5,841.4	(X)
Hawaii state and local	157.0	86.0	245.5	130.3
State	157.0	(X)	245.5	(X)
Local	-	(X)	-	(X)
State (as percent of total 2003 collections)				
U.S. (excluding Dist. of Columbia)	3.3	(X)	5.2	(X)
Hawaii	4.4	(X)	6.9	(X)

X Not applicable.

1/ Estimates tax revenue losses due to untaxed sales that would not have occurred except for the Internet.

Source: Donald Bruce and William F. Fox, "State and Local Sales Tax Revenue Losses from E-Commerce: Estimates as of July 2004," Center for Business and Economic Research, College of Business Administration, University of Tennessee <<http://cber.bus.utk.edu/ecom/Ecom0704.pdf>> accessed February 8, 2005; and calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table 9.38-- REAL PROPERTY TAX VALUATIONS: 1986 TO 2009**

[In thousands of dollars. For fiscal year ending June 30. Government parcels assessed at \$1, 1985-1987, and at 100 percent thereafter]

Year 1/	Assessor's gross valuation 2/			Valuation for tax rate purposes
	Total	Land	Improvement	
1986	51,231,020	25,507,708	25,723,312	43,581,421
1987	52,814,463	26,442,872	26,371,591	45,222,885
1988	54,655,038	27,396,477	27,258,561	46,629,959
1989	67,628,063	36,730,370	30,897,693	50,219,249
1990	76,926,745	42,778,927	34,147,818	57,526,564
1991	99,942,540	61,554,968	38,387,572	71,080,524
1992	132,952,299	88,359,248	44,593,051	95,943,417
1993	130,733,131	84,299,686	46,433,445	111,593,106
1994	136,239,310	87,785,946	48,453,364	115,954,097
1995	137,202,083	86,552,575	50,649,508	116,389,670
1996	136,153,769	84,102,966	52,050,803	115,115,001
1997	135,073,354	82,035,301	53,038,053	114,303,125
1998	131,536,224	78,049,699	53,486,525	110,955,447
1999	125,412,154	72,253,741	53,158,413	105,184,585
2000	120,687,029	67,673,347	53,013,682	100,906,373
2001	118,929,005	65,241,123	53,687,882	98,984,387
2002	123,394,937	66,563,433	56,831,504	103,313,817
2003	131,562,028	69,116,128	62,445,900	110,384,134
2004	141,029,581	73,014,576	68,015,005	119,254,215
2005	162,787,538	(3/)	(3/)	138,383,238
2006	199,525,855	(3/)	(3/)	171,105,210
2007	254,954,333	(3/)	(3/)	220,731,778
2008	292,830,383	(3/)	(3/)	253,358,852
2009	297,908,333	(3/)	(3/)	257,714,285

1/ Assessed value as of January 1 for Hawaii, Kauai, and Maui counties through 2003; for the City and County of Honolulu only through 1996, October 1 for 1997 to 2003. Assessed value for 2004 as of January 30, 2003 for Honolulu, April 17, 2003 for Maui, June 6, 2003 for Hawaii, and May 27, 2003 for Kauai. Assessed value for 2005, as of June 22, 2004 for all counties. Assessed value for 2006 as of January 31, 2005 for Honolulu, June 14, 2005 for Maui, April 16, 2005 for Hawaii, and April 26, 2005 for Kauai. Assessed value for 2007 as of January 31, 2006 for Honolulu, June 29, 2006 for Maui, April 18, 2006 for Hawaii, and June 30, 2006 for Kauai. There is no indication of 'assessed value' date in the 2008 nor 2009 report.

2/ Beginning in 1992, values shown for gross valuation exclude nontaxable properties.

3/ As of the 2004-2005, Statewide detail no longer available separately as the City and County of Honolulu consolidated 'Land' and 'Improvement' into the single category 'Property'.

Source: City and County of Honolulu, Department of Budget & Fiscal Services, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates, & Exemptions, 2008-2009 Tax Year, State of Hawaii* (August 2008) and <<https://www.realpropertyhonolulu.com/portal/rpadcms/Reports?parent=REPORTS>> accessed November 26, 2008 and earlier reports, and reports as the Department of Finance.

**Table 9.39-- REAL PROPERTY TAX VALUATION FOR THE STATE,  
2006 TO 2009, AND BY COUNTY, 2009**

[In thousands of dollars. For fiscal year ending June 30. Gross valuations exclude nontaxable  
(government) properties]

<b>Subject</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Assessor's gross valuation 1/ 2/ Land	199,525,855 (3/)	254,954,333 (3/)	292,830,383 (3/)	297,908,333 (3/)
Improvement	(3/)	(3/)	(3/)	(3/)
Exemptions 1/	26,924,700	32,072,225	37,040,299	38,519,388
Assessor's net taxable valuation	172,601,155	222,882,108	255,790,740	259,388,945
Half of valuation on appeal	1,462,181	2,150,330	2,431,924	1,674,660
Number of appeals	5,571	8,479	10,922	5,960
Valuation for tax rate purposes	171,139,077	220,731,778	253,358,852	257,714,285
Land	(3/)	(3/)	(3/)	(3/)
Improvement	(3/)	(3/)	(3/)	(3/)
Amount to be raised by taxation	968,326	1,183,804	1,315,350	1,356,021
<b>2009, by county</b>	<b>Honolulu</b>	<b>Maui</b>	<b>Hawaii</b>	<b>Kauai</b>
Assessor's gross valuation 1/ 2/ Land	190,699,156 (3/)	51,670,185 29,057,819	34,434,334 16,928,602	21,104,658 12,648,775
Improvement	(3/)	22,612,366	17,505,732	8,455,883
Exemptions 1/	23,481,605	8,554,170	4,758,281	1,725,332
Assessor's net taxable valuation	167,217,551	43,116,015	29,676,053	19,379,326
Half of valuation on appeal	879,604	536,916	170,418	87,722
Number of appeals	2,873	1,436	1,448	203
Valuation for tax rate purposes	166,337,947	42,579,099	29,505,635	19,291,604
Land	(3/)	25,377,173	15,913,327	11,994,580
Improvement	(3/)	17,201,926	13,592,308	7,297,024
Amount to be raised by taxation	804,120	221,782	226,606	103,513

1/ Beginning in 1993, data exclude nontaxable properties.

2/ Assessed value for 2006 as of January 31, 2005 for Honolulu, June 14, 2005 for Maui, April 16, 2005 for Hawaii, and April 26, 2005 for Kauai. Assessed value for 2007 as of January 31, 2006 for Honolulu, June 29, 2006 for Maui, April 18, 2006 for Hawaii, and June 30, 2006 for Kauai. Assessed value for 2008 as of January 29, 2007 for Honolulu, April 19, 2007 for Maui, June 5, 2007 for Hawaii, and May 1, 2007 for Kauai. Assessed value for 2009 as of January 29, 2008 for Honolulu, April 14, 2008 for Maui, April 21, 2008 for Hawaii, and May 1, 2008 for Kauai.

3/ As of the 2004 - 2005 report, Statewide detail no longer available separately as the City and County of Honolulu consolidated 'Land' and 'Improvement' into the single category 'Property'.

Source: City and County of Honolulu, Department of Budget & Fiscal Services, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates, & Exemptions, 2008-2009 Tax Year, State of Hawaii* (August 2008) and <<https://www.realpropertyhonolulu.com/portal/rpadcms/Reports?parent=REPORTS>> accessed November 26, 2008 and earlier reports, and reports as the Department of Finance.

**Table 9.40-- REAL PROPERTY TAX EXEMPTIONS, BY TYPE: 2008 AND 2009**

[For fiscal year ending June 30]

Type of exemption	2008		2009	
	Number	Amount 1/ (\$1,000)	Number	Amount 1/ (\$1,000)
All exemptions, Statewide	253,908	67,714,218	259,014	77,256,506
Federal government	593	7,157,915	594	6,915,498
State government	8,521	16,223,456	8,572	23,843,731
County government	3,637	6,176,526	3,656	6,325,130
Government leases - total	146	97,449	147	108,424
Government leases - portion	125	56,112	136	66,771
Hawaiian Homes Commission	1,656	713,943	1,652	702,967
Hawaiian Homes Land - basic	874	112,449	944	132,260
Hawaiian Homes Land - multiple	461	61,788	498	76,206
Hawaiian Homes Land - total land	4,008	1,492,632	4,050	1,647,010
Hawaiian Homes Land - vacant land	162	24	156	22
Hawaiian Homes - 7 year	597	210,632	421	159,047
Homes - fee (basic)	124,991	13,223,712	128,035	14,002,104
Homes - fee (multiple)	78,418	10,346,010	79,584	10,553,055
Homes - leasehold (basic)	3,724	351,249	3,484	335,528
Homes - leasehold (multiple)	3,467	489,471	3,369	489,444
In lieu of home ex - fee	(X)	(X)	1,641	271,356
In lieu of home ex - lease	(X)	(X)	59	9,843
Additional home exemption	2,201	120,953	1,775	97,592
Additional income exemption	-	-	-	-
Blind	453	12,237	457	12,499
Deaf	158	4,002	164	4,303
Leprosy	6	175	6	175
Totally disabled	6,217	178,347	6,381	185,602
Totally disabled veterans	1,292	676,276	1,417	766,461
Cemeteries	110	64,540	108	72,933
Charitable organizations	1,227	2,073,624	1,525	2,319,415
Childcare	23	1,150	22	1,100
Churches	1,484	2,305,574	1,486	2,451,596
Civil - condemnation	29	32,521	30	42,359
Credit unions	102	129,547	106	153,734
Crop shelters	36	3,134	33	3,148
Enterprize Zone	4	2,383	5	2,927
Foreign consulates	30	41,949	30	42,707
Forest reserve	6	2,671	6	2,671
Historic residential properties	213	283,163	249	323,282
Historic commercial properties	(X)	(X)	2	20,471
Kuleana	(X)	(X)	6	5,330

Continued on next page.

**Table 9.40-- REAL PROPERTY TAX EXEMPTIONS BY TYPE:  
2008 AND 2009 -- Con.**

Type of exemption	2008		2009	
	Number	Amount 1/ (\$1,000)	Number	Amount 1/ (\$1,000)
Hospitals	100	707,868	78	596,786
Landscaping, open-space	46	24,055	45	26,755
Low-moderate income housing	319	1,268,933	346	1,468,553
New construction	117	334,965	111	319,711
Public utilities	772	1,597,685	783	1,698,964
Roadways and waterways	6,454	46,255	6,552	46,471
Safe room	22	880	26	1,040
Schools	184	1,018,413	190	929,510
Setbacks	6	1,135	7	1,708
Slaughterhouse	1	2,636	1	2,654
Taro	36	39	40	8
Tree farm	11	7,346	12	7,378
Miscellaneous	20	10,986	17	10,267
Home Use 2% Cap	849	47,408	(X)	(X)

X Not applicable.

1/ Includes government parcels at actual value and exemptions on federal leases, if any.

Source: City and County of Honolulu, Department of Budget & Fiscal Services, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates & Exemptions, Tax Year, State of Hawaii* (annual) <<https://www.realpropertyhonolulu.com/portal/rpadcms/Reports?parent=REPORTS>> accessed November 26, 2008.

**Table 9.41-- REAL PROPERTY TAX VALUATION, BY LAND USE CLASS:  
2008 AND 2009**

[In thousands of dollars. For fiscal year ending June 30. Assessed value for 2008 as of January 29, 2007 for Honolulu, April 19, 2007 for Maui, June 5, 2007 for Hawaii, and May 1, 2007 for Kauai. Assessed value for 2009 as of January 29, 2008 for Honolulu, April 14, 2008 for Maui, April 21, 2008 for Hawaii, and May 1, 2008 for Kauai. 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>
2008 - All classes	292,830,383	255,790,740	253,358,852	1,315,350
Improved residential 2/ 3/ 4/	128,423,986	113,922,684	113,291,916	409,558
Apartment	56,653,941	51,217,239	50,899,888	208,086
Commercial	19,545,101	17,181,761	16,671,093	184,899
Industrial	9,790,315	9,408,713	9,294,438	102,395
Agricultural/native forest	14,394,972	13,599,414	13,400,458	88,979
Vacant agricultural 2/	134,667	134,667	111,524	948
Conservation/preservation	1,480,128	1,364,543	1,350,428	8,704
Hotel/resort	21,830,357	21,655,324	21,234,398	203,988
Unimpr. residential 2/ 3/ 4/	2,201,677	1,507,873	1,462,785	9,271
Homeowner 3/ 4/	24,469,102	13,918,610	13,883,545	42,139
Single family residential 5/	5,758,190	5,430,927	5,407,935	21,736
Homestead 5/	6,349,535	5,347,331	5,339,196	20,490
Public service 2/	696,758	-	-	-
Time share 3/	1,101,654	1,101,654	1,011,248	14,157
2009 - All classes	297,908,333	259,388,945	257,714,285	1,356,021
Affordable rental 4/	80,487	80,287	79,819	443
Residential 2/ 4/	164,582,882	143,983,127	143,656,576	502,343
Improved residential 3/	7,878,228	7,331,289	7,287,326	35,344
Apartment 3/ 4/ 5/	13,635,065	13,379,889	13,271,944	86,717
Commercial	21,043,804	18,679,609	18,250,009	202,763
Industrial	10,611,026	10,193,747	10,098,098	111,126
Agricultural/native forest	15,370,784	14,459,996	14,308,592	91,303
Vacant agricultural 2/	150,829	150,829	110,808	942
Conservation/preservation	1,694,472	1,568,331	1,526,228	9,748
Hotel and resort	22,186,962	22,006,768	21,653,598	207,922
Unimproved residential 3/	545,283	525,579	513,894	2,749
Homeowner 3/ 4/	26,155,277	15,138,030	15,096,427	46,931
Single family residential 5/	5,905,072	5,583,252	5,562,871	22,368
Homestead 5/	6,202,555	5,197,731	5,193,326	19,855
Public service 2/	755,126	-	-	-
Time share 3/	1,110,481	1,110,481	1,104,769	15,467

1/ Excludes nontaxable properties.

2/ City and County of Honolulu category.

3/ Maui County category.

4/ Hawaii County 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 November 26, 2008.

**Table 9.42--MAJOR REAL PROPERTY TAXPAYERS, FOR THE CITY AND COUNTY OF HONOLULU: 2009**

[For fiscal year ending June 30]

Rank	Taxpayer	Original debit 1/ (dollars)	Land area (acres)	Gross assessed value 2/ (dollars)
	Top 20 real property taxpayers	113,330,738	65,787.75	11,928,485,800
1	Kyo-Ya Co. Ltd.	14,328,281	22.71	1,156,329,200
2	General Growth Properties	13,521,474	86.25	1,130,056,400
3	Bishop Estate	11,845,940	42,252.14	1,370,878,400
4	Hilton Hawaiian Village	9,469,968	20.15	848,716,700
5	Outrigger Hotels Hawaii	7,622,120	9.22	622,799,000
6	Ko Olina Hotel	6,643,599	435.51	611,185,000
7	First Hawaiian Bank	6,069,187	47.68	491,050,900
8	Reynolds/Shidler	4,742,733	116.42	418,993,500
9	James Campbell Estate	3,965,190	14,301.93	423,834,600
10	Azabu Buildings Co. Ltd.	3,616,208	4.02	293,958,400
11	Marriott Ownership Resorts	3,523,550	33.78	284,149,300
12	Wal-Mart	3,502,167	73.18	282,409,000
13	Halekulani Corp.	3,484,016	5.39	281,849,000
14	W2005 WKI Realty, LLC	3,150,880	5.35	254,103,200
15	United States of America	3,134,326	6,338.54	2,124,500,300
16	Bank of Hawaii et al	3,113,984	26.69	322,916,400
17	Weinberg, Harry & Jeanette Foundation, Inc.	3,012,823	1,800.18	302,482,400
18	Bishop Square Associates	2,885,336	2.92	235,761,300
19	Watercress Associates	2,858,029	44.63	236,139,600
20	Hawaii MMGD, LLC	2,840,928	161.05	236,373,200

1/ Original debit as of July, 2008.

2/ Land and improvements. Assessed valuation as of October 1, 2007. Valuation at 100 percent of market value.

Source: City and County of Honolulu, Department of Budget & Fiscal Services, Real Property Assessment Division, Administration & Technical Branch, records.

**Table 9.43-- RESIDENTIAL PROPERTY TAX RATES IN HONOLULU AND  
THE MEDIAN OF 51 MAJOR CITIES: 1985 TO 2007**

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

NA Not available.

1/ Adjusted to 100-percent assessment level.

2/ Largest city in each state, and the District of Columbia. For the listing of cities, see source.

3/ The lower the rank, the higher the percentage of income paid in taxes. For a breakdown of taxes, see source.

4/ Both *Statistical Abstract 1994* and *1995* contained data for 1992 and none contained 1993 data.

Source: U. S. Census Bureau, *Statistical Abstract of the United States* (annual); and Government of the District of Columbia, Office of the Chief Financial Officer, *Tax Rates and Tax Burdens in the District of Columbia - A Nationwide Comparison* (annual) and <<http://cfo.dc.gov/cfo/cwp/view,a,1324,q,612643.asp>> accessed January 14, 2009.

**Table 9.44-- REAL PROPERTY TAX RATES, BY COUNTY: 2009**

[In dollars per \$1,000 net taxable value. For fiscal year ending June 30]

Class	Honolulu		
Property 1/:			
Residential	3.29		
Commercial	12.40		
Industrial	12.40		
Agricultural	5.70		
Preservation	5.70		
Hotel and Resort	12.40		
Public Service	0.00		
Vacant Agricultural	8.50		

Class	Maui	Hawaii	Kauai
Land:			
Improved residential	4.85	2/ 8.10	2/ 3.95
Unimproved residential	5.35	2/ 8.10	(X)
Apartment	4.55	8.10	6.90
Commercial	6.25	9.00	6.90
Industrial	6.50	9.00	6.90
Agricultural	4.50	3/ 8.35	6.90
Conservation	4.75	8.55	6.90
Hotel and resort	8.20	9.00	6.90
Homeowner	2.00	5.55	(X)
Homestead	(X)	(X)	4.00
Time share	14.00	(X)	(X)
Affordable rental housing	(X)	5.55	(X)
Building:			
Improved residential	4.85	2/ 7.10	2/ 4.25
Unimproved residential	5.35	2/ 7.10	(X)
Apartment	4.55	8.10	7.90
Commercial	6.25	9.00	7.90
Industrial	6.50	9.00	7.90
Agricultural	4.50	3/ 6.35	4.25
Conservation	4.75	8.55	4.25
Hotel and resort	8.20	9.00	7.90
Homeowner	2.00	5.55	(X)
Homestead	(X)	(X)	3.44
Time share	14.00	(X)	(X)
Affordable rental housing	(X)	5.55	(X)

X Not applicable.

1/ As of 2005, the City and County of Honolulu consolidated the 'Land' and 'Improvement' into the single rate for 'Property' value for each class.

2/ 'Residential' in County of Hawaii and '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 and Fiscal Services, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates & Exemptions, 2008-2009 Tax Year, State of Hawaii* (August, 2008) and <[http://www.co.honolulu.hi.us/rpa/staterpt/08\\_txrate.pdf](http://www.co.honolulu.hi.us/rpa/staterpt/08_txrate.pdf)> (July 29, 2008) accessed August 25, 2008.

**Table 9.45-- FEDERAL EXPENDITURES IN HAWAII: 1983 TO 2008**

[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)	1996	7,990,275	7.3
1984	4,140,182	3.2	1997	8,159,285	2.1
1985	4,575,478	10.5	1998	8,449,229	3.6
1986	4,646,930	1.6	1999	8,659,684	2.5
1986	4,811,882	3.5	2000	9,036,388	4.4
1988	5,064,944	5.3	2001	9,728,839	7.7
1989	5,570,896	10.0	2002	10,474,798	7.7
1990	5,633,927	1.1	2003	11,269,306	7.6
1991	6,198,142	10.0	2004	12,176,350	8.0
1992	6,636,322	7.1	2005	12,699,321	4.3
1993	7,283,475	9.8	2006	13,495,147	6.3
1994	7,643,718	4.9	2007	14,061,883	4.2
1995	7,449,512	-2.5	2008	15,009,273	6.7

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 (1993-2008) <<http://www.census.gov/govs/cffr/index.html>> accessed July 23, 2009; and Ibid. Governments Division unpublished tabulation (January 11, 2005).

**Table 9.46-- FEDERAL EXPENDITURES IN HAWAII, BY TYPE: 1983 TO 2008**

[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

Source: U.S. Census Bureau, *Consolidated Federal Funds Report for Fiscal Year, State and County Areas* (annual); Ibid. On-Line Query System (1993-2008) <<http://www.census.gov/govs/cffr/index.html>> accessed July 23, 2009; and Ibid. Governments Division unpublished tabulation (January 11, 2005).

**Table 9.47-- PER CAPITA DIRECT FEDERAL EXPENDITURE IN THE UNITED STATES AND HAWAII, BY TYPE: 2006 TO 2008**

[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 2006 2/ 3/	8,053.68	10,554.34	131.05	7
Retirement and disability	2,451.74	2,763.58	112.72	15
Other direct payments	1,892.00	1,400.29	74.01	42
Grants	1,610.84	1,808.41	112.27	15
Procurement	1,303.78	1,679.78	128.84	13
Salaries and wages	795.33	2,902.28	364.92	2
Department of Defense	1,308.81	4,206.99	321.44	3
All other Federal agencies	6,744.87	6,347.35	94.11	29
Total 2007 2/	8,339.19	10,956.84	131.39	5
Retirement and disability	2,571.22	2,923.81	113.71	14
Other direct payments	1,926.36	1,489.93	77.34	37
Grants	1,624.13	1,910.86	117.65	14
Procurement	1,392.57	1,813.68	130.24	10
Salaries and wages	824.91	2,818.57	341.68	2
Department of Defense	1,394.82	4,259.55	305.38	3
All other Federal agencies	6,944.36	6,697.30	96.44	32
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

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. Resident population for 2006, 2007 and 2008 is 1,278,635; 1,283,388, and 1,288,198 for Hawaii; and for the United States is 298,754,819; 301,621,157; and 304,059,724 respectively. For 2006, U.S. Census Bureau, Population Division, "Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2007" (NST-EST2007-01) (December 27, 2007) and source, table 10 for 2007 and 2008. Hawaii had 0.4 percent of the United States resident population for all three years.

3/ 2006 has been revised from previous *Data Book*.

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 (1993-2008) <<http://www.census.gov/govs/cffr/index.html>> accessed July 23, 2009; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.48-- DIRECT FEDERAL EXPENDITURES OR OBLIGATIONS,  
BY COUNTY: 2006**

[In persons and thousands of dollars. For fiscal year ending September 30]

<b>Category</b>	<b>State Total</b>	<b>City and County of Honolulu</b>	<b>Hawaii County</b>	<b>Maui County 1/</b>	<b>Kauai County</b>	<b>State undistri- buted</b>
Resident population (as of July 1, 2006) 2/	1,278,635	906,715	169,419	140,515	61,986	-
Total direct exp. or oblig. 2/	13,495,147	10,867,410	1,011,090	654,538	422,169	539,940
Retirement/disability payments for individ. 2/	3,533,606	2,665,593	440,303	278,050	149,304	355
Other direct payments for individuals	1,574,809	993,823	178,764	117,889	68,740	215,594
Direct payments other than for individuals	215,646	30,867	2,931	2,889	928	178,031
Grants (block, formula, project, & cooperative agreements) 2/	2,312,296	1,710,012	227,396	152,156	94,831	127,902
Procurement contracts	2,147,829	1,922,268	90,443	54,557	80,560	-
Salaries and wages	3,710,961	3,544,847	71,252	48,997	27,806	18,059
Exhibit: Total direct expenditures or oblig. 2/	13,495,147	10,867,410	1,011,090	654,538	422,169	539,940
Defense	5,379,202	5,172,871	39,949	53,521	94,801	18,059
Non-defense 2/	8,115,945	5,694,538	971,141	601,017	327,367	521,881
Addendum: Other federal assistance	8,618,341	5,282,963	736,482	1,716,977	740,050	141,869
Direct loans	11,287	8,745	965	1,223	354	-
Guaranteed/insured loans	348,024	166,989	29,749	21,564	3,662	126,060
Insurance	8,259,031	5,107,229	705,768	1,694,190	736,035	15,809

1/ Includes Kalawao County.

2/ Revised from previous *Data Book*.

Source: U.S. Census Bureau, *Consolidated Federal Funds Report for Fiscal Year 2007, State and County Areas* (September 2008) <<http://www.census.gov/prod/2008pubs/cffr-07.pdf>> and On-Line Query System (1993-2007) <<http://www.census.gov/govs/www/cffr.html>> accessed October 2, 2008 and U.S. Census Bureau, Population Division, "Annual Estimates of the Population for Counties of Hawaii: April 1, 2000 to July 1, 2007" (CO-EST2007-01-15) (March 20, 2008) <<http://www.census.gov/popest/counties/tables/CO-EST2007-01-15.xls>> accessed October 9, 2008.

**Table 9.49-- DIRECT FEDERAL EXPENDITURES OR OBLIGATIONS,  
BY COUNTY: 2007**

[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, 2007)	1,283,388	905,601	173,057	141,902	62,828	-
Total direct exp. or oblig.	14,061,883	11,125,952	1,021,154	730,714	511,302	672,761
Retirement/disability payments for individuals	3,752,387	2,821,356	470,491	299,917	160,549	74
Other direct payments for individuals	1,590,700	969,110	176,665	141,679	67,048	236,199
Direct payments other than for individuals	321,456	23,861	2,070	1,611	763	293,151
Grants (block, formula, project, & cooperative agreements)	2,452,372	1,764,525	228,358	210,539	105,613	143,337
Procurement contracts	2,327,651	2,084,579	71,304	26,222	145,546	-
Salaries and wages	3,617,317	3,462,521	72,266	50,746	31,783	-
Exhibit: Total direct expenditures or obligations	14,061,883	11,125,952	1,021,154	730,714	511,302	672,761
Defense	5,466,653	5,204,520	78,090	28,775	155,268	-
Non-defense	8,595,230	5,921,432	943,064	701,939	356,033	672,761
Addendum: Other federal assistance	10,042,137	6,214,083	875,725	1,942,796	874,500	135,033
Direct loans	47,867	28,924	4,463	5,235	9,245	-
Guaranteed/insured loans	359,253	158,458	34,090	24,310	7,362	135,033
Insurance	9,635,016	6,026,701	837,172	1,913,251	857,892	-

1/ Includes Kalawao County.

Source: U.S. Census Bureau, *Consolidated Federal Funds Report for Fiscal Year 2007, State and County Areas* (September 2008) p. 37 <<http://www.census.gov/prod/2008pubs/cffr-07.pdf>> and On-Line Query System (1993-2007) <<http://www.census.gov/govs/www/cffr.html>> accessed October 2, 2008.

**Table 9.50-- DIRECT FEDERAL EXPENDITURES OR OBLIGATIONS,  
BY COUNTY: 2008**

[In persons and thousands of dollars. For fiscal year ending September 30]

<b>Category</b>	<b>State Total</b>	<b>City and County of Honolulu</b>	<b>Hawaii County</b>	<b>Maui County 1/</b>	<b>Kauai County</b>	<b>State undistri- buted</b>
Resident population (as of July 1, 2008)	1,288,198	905,034	175,784	143,691	63,689	-
Total direct exp. or oblig.	15,009,273	10,290,427	1,018,057	662,042	477,155	2,561,593
Retirement/disability payments for individuals	3,872,774	2,809,448	484,692	308,077	164,235	106,322
Other direct payments for individuals	1,903,140	1,143,999	213,754	135,928	79,683	329,775
Direct payments other than for individuals	361,721	45,952	6,637	5,440	1,559	302,133
Grants (block, formula, project, & cooperative agreements)	2,282,897	1,731,246	169,516	121,088	122,080	138,967
Procurement contracts	2,455,943	2,262,241	75,913	40,565	77,236	-11
Salaries and wages	4,132,799	2,297,540	67,545	50,944	32,362	1,684,407
Exhibit: Total direct expenditures or obligations	15,009,273	10,290,427	1,018,057	662,042	477,155	2,561,593
Defense	6,107,249	4,122,318	63,980	39,346	90,949	1,790,657
Non-defense	8,902,024	6,168,109	954,077	622,696	386,206	770,936
Addendum: Other federal assistance	11,162,338	7,082,767	947,454	2,131,486	864,104	136,526
Direct loans	29,220	10,132	5,246	6,713	7,128	-
Guaranteed/insured loans	385,312	279,880	49,102	41,384	14,946	-
Insurance	10,747,806	6,792,755	893,107	2,083,389	842,030	136,526

1/ Includes Kalawao County.

Source: U.S. Census Bureau, *Consolidated Federal Funds Report for Fiscal Year 2008, State and County Areas* (July 2009) p. 38 <<http://www.census.gov/govs/cffr/>> and On-Line Query System (1993-2008) <<http://harvester.census.gov/cffr/>> accessed July 23, 2009.

**Table 9.51-- FEDERAL OMNIBUS APPROPRIATIONS ACT  
HAWAII-RELATED INITIATIVES: 2009**

[In thousands of dollars. For fiscal year ending September 30. All amounts represent Hawaii-related initiatives as approved by Congress on March 10, 2009. Department totals include initiatives under \$1 million that are not shown separately. See source for details]

<b>Subject</b>	<b>Amount</b>
Total	371,677
Department of Agriculture	20,239
U.S. Pacific Basin Agriculture Research Center (PBARC)	7,290
Construction	1,565
Research Funds	2,386
Tropical and Subtropical Agriculture Research [equal share to Florida]	3,339
Watershed and Flood Prevention Operations	3,175
Agriculture Pre-clearance Quarantine Inspections	1,643
Native Hawaiian Serving Institutions	1,598
Tropical Aquaculture Research	1,438
Wildlife Services	1,033
Department of Commerce	96,350
NOAA Pacific Regional Facility	60,250
Hawaiian Sea Turtles	7,800
Pacific Islands Regional Office/Pacific Islands Fisheries Science Center	5,000
Pacific Coastal Services Center	4,500
Hawaiian Monk Seals	2,600
International Pacific Research Center	2,500
NOAA Integrated Data and Environmental Applications Center	2,500
Hawaii Institute of Marine Biology Coral Research	2,000
B-WET Hawaii	1,500
Hawaii Education Program	1,500
Hawaii Seafood Safety and Sustainability	1,500
Remote Infrasonic Monitoring of Natural Hazards	1,500
General Government	2,523
Hawaii High Intensity Drug Trafficking Area	2,000
Department of Justice	2,500
Hawaii Integrated Justice Information Sharing	1,500
Hawaii Rural Youth Outreach Program	1,000
Science Agencies	11,500
Advanced Technology Solar Telescope	9,500
Imiloa Astronomy Center	2,000
Department of Energy	8,343
Renewable Energy Development Venture	3,799
Hawaii-New Mexico Sustainable Energy Security Partnership	3,116
Development of High Yield Feedstock and Biomass Conversion Technology for Renewable Energy Production and Economic Development	1,427

Continued on next page.

**Table 9.51-- FEDERAL OMNIBUS APPROPRIATIONS ACT  
HAWAII-RELATED INITIATIVES: 2009-- Con.**

Subject	Amount
Army Corps of Engineers	8,331
Hurricane Evacuation Studies	1,000
Pacific Island Land Ocean Typhoon Experiment	1,000
Surge and Wave Island Modeling Studies	1,000
Continuing Authorities Program 1/	(NA)
Operations and Maintenance	3,244
Haleiwa Small Boat Harbor & Barbers Point Harbor	1,548
Department of Interior and Related Agencies	14,900
James Campbell National Wildlife Refuge Expansion	7,000
Experimental Tropical Forest Field Station	2,500
Volcano Hazards Research	2,000
Wailua Wastewater Treatment Plant Project	1,000
Department of Labor	4,139
Maui Community College Remote Rural Hawaii Job Training Project	2,093
Training and Education Opportunities	1,903
Department of Health and Human Services	40,574
Emergency Medical Services for Children	20,000
Native Hawaiian Health Care (Papa Ola Lokahi)	14,200
Hansen's Disease Treatment	1,976
Aging Grants to Native Hawaiian Organizations	1,900
Telehealth and Community Outreach	1,047
Department of Education	93,146
Impact Aid	46,000
Native Hawaiian Education	33,315
Native Alaskan and Native Hawaiian Higher Education	5,790
Vocational Education for Native Hawaiians	2,902
Bishop Museum Education Through Cultural and Historical Organizations (ECHO)	1,400
Department of State: East-West Center	21,000
Department of Transportation	33,500
Honolulu High-Capacity Transit Corridor Project	20,000
H-1 Improvements Kinau and Lusitana On-Ramps	5,700
Oahu Intra-Island Ferry Demonstration	4,000
Federal Land Improvements	1,900
Rural Bus Program	1,900
Department of Housing and Urban Development	14,634
Native Hawaiian Housing Block Grants, Hawaii	10,000
Alaskan Native and Native Hawaiian Serving Institutions Program	1,500
Native Hawaiian Housing Loan Guarantee Fund Program	1,044

1/ No specific dollar amounts indicated but the Corps is directed to give first priority to those projects listed in the program report, e.g. Mokuhinia/Mokuula Ecosystem Restoration, Keopu-Hienaloli Streams Flood Damage Reduction, Kuliouou Stream Flood Damage Reduction Modifications, Kahoolawe Small Boat Harbor, etc.

Source: U.S. Senator Daniel K. Inouye Press Release "Hawaii-Related Projects in Omnibus Bill Will Receive a Total of \$372 Million" (March 10, 2009)

<<http://inouye.senate.gov/Press/upload/031009-FY09-Omnibus.pdf>> accessed March 10, 2009.

**Table 9.52-- FEDERAL AID TO HAWAII STATE AND LOCAL GOVERNMENT, BY SELECTED AGENCY AND PROGRAM: 2007**

[In thousands of dollars. For fiscal year ending September 30. All amounts represent actual expenditures of the federal government during the indicated fiscal year. Components may not sum to total as some of the smaller programs, as well as some of those with United States but no Hawaii expenditures, are not shown individually. Some components summed to subtotals]

Area	Hawaii	United States
Total	1,971,261	439,794,255
Department of Agriculture	118,441	25,492,285
Agricultural Marketing Service	563	335,857
Cooperative State Research Education & Extension Service	17,880	1,100,793
Farm Service Agency	215	8,492
Food Safety & Inspection Service	-	43,653
Food & Nutrition Service	93,616	22,866,685
Forest Service	2,746	496,404
National Resources Conservation Service	1,358	56,747
Rural development activities	2,063	583,654
Department of Commerce	9,231	625,030
National Oceanic and Atmospheric Administration	5,091	283,160
Corporation for National and Community Service	908	180,539
Corporation for Public Broadcasting	-	147,757
Department of Defense	99	515,646
U.S. Army National Guard - construction	99	504,993
Department of Education	250,401	35,142,474
Office of English Language Acquisition	2,590	623,449
Office of Educational Research and Improvement	1,924	402,100
Office of Special Education and Rehabilitative Services	61,481	11,471,566
Office of Vocational and Adult Education	8,214	1,515,223
Office of Elementary and Secondary Education	156,675	18,983,675
Impact aid	47,294	995,494
Programs for American Indians, Alaska Natives and Native Hawaiians	16,769	126,700
No Child Left Behind Act	30,157	4,572,070
Title 1 programs	52,731	10,858,857
Other	3,759	860,144
Office of Postsecondary Education	16,302	1,137,757
Office of Student Financial Assistance	3,215	1,008,704
Department of Energy	3,166	692,254
Environmental Protection Agency	69,723	4,252,687
Equal Employment Opportunity Commission	55	34,101
Department of Health and Human Services	995,160	252,149,602
Administration for Children and Families	242,030	46,107,549
Administration on Aging	9,214	1,332,509
Centers for Disease Control & Prevention	160	416,183
Centers for Medicare and Medicaid Services	685,312	195,304,928
Health Resources and Services Administration	43,802	5,858,074
Substance Abuse and Mental Health Services Admin.	14,594	2,971,606

Continued on next page.

**Table 9.52-- FEDERAL AID TO HAWAII STATE AND LOCAL GOVERNMENT, BY SELECTED AGENCY AND PROGRAM: 2007-- Con.**

Area	Hawaii	United States
Department of Homeland Security	7,295	5,705,212
Coast Guard	-	73,739
Domestic preparedness and anti-terrorism programs	3,897	1,083,317
Federal Emergency Management Agency	3,398	4,548,156
Department of Housing and Urban Development	184,760	47,970,959
Fair housing and equal opportunity	360	46,597
Community planning and development	25,471	12,340,693
Housing programs	158,929	35,583,669
College housing	27	38,996
Housing opportunities for persons with AIDS	1,486	277,786
Native American block grant	8,378	594,543
Housing for special populations	4,633	977,726
Public housing programs	139,502	31,457,664
Home ownership assistance	4,889	1,898,605
Other	14	338,349
Department of the Interior	31,062	4,431,844
Fish and Wildlife Service	7,565	719,646
National Park Service	786	135,549
Office of Insular Affairs	22,514	414,654
Department of Justice	22,944	3,632,778
Office of Asset Forfeiture	2,851	418,015
Office of Justice Programs	20,093	3,165,814
Crime victims programs	2,577	878,012
Education, research and statistics programs	858	243,492
Juvenile justice programs	4,586	456,643
Law Enforcement Assistance	4,302	632,763
Community oriented policing program (COPS)	1,926	256,701
Violence against women and children	2,176	294,816
Weed and seed	161	47,880
Substance abuse programs	6,998	678,797
Department of Labor	39,130	8,291,178
Bureau of Labor Statistics	614	87,144
Employment and Training Administration	33,621	7,770,397
Occupational Health and Safety Administration	3,633	242,453
Veterans Employment and Training Administration	1,262	183,539
National Foundation on Arts & Humanities	3,073	282,405
Neighborhood Reinvestment Corporation	404	76,665
Department of Transportation	233,860	47,955,354
Federal Aviation Administration	68,332	3,874,014
Federal Highway Administration	115,780	34,057,369
Federal Transit Administration	47,439	9,286,103
Department of the Treasury	610	530,727
Department of Veterans Affairs	876	725,787

Source: U.S. Bureau of the Census, *Federal Aid to States for Fiscal Year: 2007* (September 2008), table 1 <<http://www.census.gov/prod/2008pubs/fas-07.pdf>> accessed September 30, 2008.

**Table 9.53-- FEDERAL AID TO HAWAII STATE AND LOCAL GOVERNMENT, BY SELECTED AGENCY AND PROGRAM: 2006**

[In thousands of dollars. For fiscal year ending September 30. All amounts represent actual expenditures of the federal government during the indicated fiscal year. Components may not sum to total as some of the smaller programs, as well as some of those with United States but no Hawaii expenditures, are not shown individually. Some components summed to subtotals]

Area	Hawaii	United States
Total	1,858,321	428,153,867
Department of Agriculture	102,800	24,800,189
Agricultural Marketing Service	584	347,868
Cooperative State Research Education & Extension Service	16,488	1,063,641
Farm Service Agency	366	5,581
Food Safety & Inspection Service	-	85,627
Food & Nutrition Service	74,244	21,850,251
Forest Service	8,463	668,958
National Resources Conservation Service	1,549	53,949
Rural development activities	1,106	724,314
Department of Commerce	7,718	632,101
National Oceanic and Atmospheric Administration	4,877	267,572
Corporation for National and Community Service	1,269	156,648
Corporation for Public Broadcasting	-	155,250
Department of Defense	2,820	450,906
U.S. Army National Guard - construction	2,820	441,719
Department of Education	228,567	36,091,983
Office of English Language Acquisition	4,125	552,321
Office of Special Educational Research and Improvement	1,785	469,362
Office of Special Education and Rehabilitative Services	50,659	11,348,530
Office of Vocational and Adult Education	8,918	1,582,207
Office of Elementary and Secondary Education	140,956	20,093,385
Impact aid	44,265	987,447
Programs for American Indians, Alaska Natives and Native Hawaiians	10,537	118,314
No Child Left Behind Act	28,989	4,613,152
Title 1 programs	46,137	10,902,293
Other	3,843	1,700,840
Office of Postsecondary Education	18,230	1,229,477
Office of Student Financial Assistance	3,894	816,701
Election Assistance Commission	7,447	58,266
Department of Energy	2,778	677,208
Environmental Protection Agency	29,347	4,240,648
Equal Employment Opportunity Commission	199	28,986
Department of Health and Human Services	924,450	241,847,484
Administration for Children and Families	167,909	45,852,694
Administration on Aging	7,710	1,345,324
Centers for Disease Control & Prevention	2,469	458,185
Centers for Medicare and Medicaid Services	693,898	186,027,140
Health Resources and Services Administration	36,984	5,059,555
Substance Abuse and Mental Health Services Admin.	15,480	2,957,595

Continued on next page.

**Table 9.53-- FEDERAL AID TO HAWAII STATE AND LOCAL GOVERNMENT, BY SELECTED AGENCY AND PROGRAM: 2006-- Con.**

Area	Hawaii	United States
Department of Homeland Security	15,313	9,989,567
Coast Guard	-	80,709
Domestic preparedness and anti-terrorism programs	12,935	2,472,331
Federal Emergency Management Agency	2,378	7,436,527
Department of Housing and Urban Development	186,217	40,336,691
Fair housing and equal opportunity	406	46,931
Community planning and development	52,445	6,443,778
Housing programs	133,366	33,845,982
College housing	92	47,697
Housing opportunities for persons with AIDS	1,568	308,885
Native American block grant	-	584,416
Housing for special populations	2,259	921,752
Public housing programs	117,834	30,336,971
Home ownership assistance	11,568	1,847,078
Other	45	-200,817
Department of the Interior	11,043	4,953,670
Fish and Wildlife Service	6,970	710,413
National Park Service	834	141,588
Office of Insular Affairs	2,826	385,561
Department of Justice	60,871	5,996,651
Office of Asset Forfeiture	3,369	304,132
Office of Justice Programs	57,502	5,684,116
Crime victims programs	1,474	571,424
Education, research and statistics programs	22	168,083
Juvenile justice programs	5,745	434,653
Law Enforcement Assistance	10,143	4,240,391
Community oriented policing program (COPS)	268	1,291,266
Violence against women and children	3,857	362,341
Weed and seed	8	8,055
Substance abuse programs	5,595	2,013,605
Department of Labor	47,859	9,271,171
Bureau of Labor Statistics	718	91,475
Employment and Training Administration	42,419	8,758,086
Occupational Health and Safety Administration	3,425	226,312
Veterans Employment and Training Administration	1,297	185,534
National Foundation on Arts & Humanities	2,437	264,561
Neighborhood Reinvestment Corporation	374	78,242
Department of Transportation	226,169	46,276,406
Federal Aviation Administration	41,979	3,480,230
Federal Highway Administration	129,998	33,581,792
Federal Transit Administration	52,656	8,677,771
Department of the Treasury	600	430,862
Department of Veterans Affairs	-	582,887

Source: U.S. Bureau of the Census, *Federal Aid to States for Fiscal Year: 2006* (April 2008), table 1 <<http://www.census.gov/prod/2008pubs/fas-06.pdf>> accessed April 23, 2008.

**Table 9.54-- FEDERAL PROCUREMENT BY AGENCY: 2006**

[In thousands of dollars. For fiscal year ending September 30. Per capita calculations were based on an April 1, 2000 Census count of Hawaii resident population of 1,211,537. Rank of 1 indicates highest procurement. In FY 2006, Hawaii procurement by place of performance was \$2,110,083,009. Per capita procurement was \$1,741.66, giving Hawaii a rank of 12 in FY 2006 and a rank of 9 in FY 2005]

Area	Total	Civilian agencies		Department of Defense	
		Small dis-advantaged business	Other	Small dis-advantaged business	Other
Total	2,110,083	75,489	174,413	410,416	1,449,765
Honolulu City & County	1,901,800	64,943	99,743	406,321	1,330,793
Hawaii County	79,307	7,028	65,118	-4,848	12,009
Kauai County	78,576	755	975	6,501	70,346
Maui County	50,360	2,764	8,537	2,442	36,617
Kalawao County	40	-	40	-	-
Top five agencies with place of performance in Hawaii	Amount	Top five contracting offices located in Hawaii			Amount
Department of Defense	1,860,181	Defense Energy Support Center			300,583
Dept. of Transportation	60,554	FA5215 15 CONS LGC			215,292
Department of the Interior	41,605	XU W2SN EnDIST Honolulu			185,712
General Services Admin.	32,924	NavFac Engineering Command Hawaii			159,808
Dept. of Homeland Security	25,596	Ft. Shafter			143,191
Type of selected product or service	Total	Small business	Other than small bus.	State, local & tribal gov't	Non-profit JWOD & other
Total	2,054,651	924,618	1,049,659	4,310	76,064
Construction	528,920	188,842	339,596	6	476
Research and development	117,498	69,462	3,029	25	44,982
Services	792,018	453,388	305,247	4,310	29,073
Supplies and equipment	616,214	212,926	401,787	-31	1,533

Source: GCE Global Computer Enterprises, Inc., Federal Procurement Data System - NG (New Generation), *Federal Procurement Report FY 2006, Section II, Geographic Views* <[http://www.fpdsng.com/fpr\\_reports\\_fy\\_06.html](http://www.fpdsng.com/fpr_reports_fy_06.html)> accessed May 21, 2008.

**Table 9.55-- ADJUSTED FEDERAL EXPENDITURES PER DOLLAR OF  
BY STATE AND THE DISTRICT OF COLUMBIA:  
1995 AND 2005**

[Expenditures calculated by Tax Foundation based on federal expenditure data from the U.S. Bureau of the Census. Federal tax revenue is derived from the individual income tax, social insurance taxes (Social Security and Medicare), corporate income tax, excise taxes (on beer, wine, tobacco, gasoline and other products), and estate and gift taxes, customs duties and an adjustment for the federal deficit. Rank of 1 indicates highest expenditure per tax dollar. For fiscal year ending September 30]

Area	Expenditures per dollar of taxes			Ranking	
	1995	2005	10-year change in spending per dollar of tax	1995	2005
Alabama	1.31	1.66	0.35	8	7
Alaska	1.21	1.84	0.63	17	3
Arizona	1.13	1.19	0.06	21	21
Arkansas	1.22	1.41	0.19	16	14
California	0.94	0.78	-0.16	38	43
Colorado	0.95	0.81	-0.14	34	41
Connecticut	0.68	0.69	0.01	50	48
Delaware	0.85	0.77	-0.08	41	44
District of Columbia	5.39	5.55	0.16	(X)	(X)
Florida	1.07	0.97	-0.10	24	34
Georgia	0.96	1.01	0.05	33	32
<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

Continued on next page.

**Table 9.55-- 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 9.56-- 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 9.56-- ADJUSTED FEDERAL EXPENDITURES PER DOLLAR  
OF TAXES: 1995 TO 2005-- Con.**

<b>State</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
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 9.57-- 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 9.57-- 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 9.58-- PUBLIC BONDED DEBT OF STATE AND COUNTY GOVERNMENTS: 1985 TO 2003**

[In millions of dollars. As of December 31 unless otherwise noted]

Year	Total bonded debt 1/	State debt	County debt			
			Honolulu	Maui	Hawaii	Kauai
1985	3,131.5	2,621.2	404.0	30.8	56.7	18.8
1986	3,311.7	2,720.4	456.8	47.2	69.3	18.0
1987	3,298.4	2,700.7	448.7	48.8	67.3	32.9
1988	3,382.2	2,728.8	513.6	43.1	65.1	31.6
1989	3,710.4	2,969.9	559.5	73.6	72.4	35.0
1990	4,484.4	3,394.4	846.3	110.5	100.0	33.2
1991	5,298.0	4,214.0	831.2	108.5	96.9	47.4
1992	6,170.0	4,842.4	1,044.0	140.2	93.5	49.9
1993	6,924.8	5,219.7	1,362.6	170.4	124.5	47.6
1994	6,913.5	5,015.4	1,544.6	185.1	119.5	49.0
1995	7,078.1	5,126.1	1,604.0	188.4	114.1	45.5
1996	7,098.6	5,051.3	1,669.8	194.3	143.5	39.8
1997	7,239.3	5,258.1	1,616.2	188.2	139.0	37.8
1998 2/	7,808.0	5,773.6	1,639.2	223.8	133.2	38.3
1999 2/	7,768.4	5,582.6	1,788.6	235.1	126.4	35.7
2000 2/	8,023.2	5,745.2	1,831.6	236.8	149.3	60.4
2001 2/	7,855.2	5,471.6	1,932.7	234.9	141.2	74.8
2002 2/	8,856.6	6,072.0	2,312.1	246.3	155.9	70.2
2003 2/	8,861.0	5,793.8	2,592.3	243.0	165.6	66.2

1/ Outstanding state and county bonds, both general obligation and revenue bonds. Gross debt exclusive of cash reserves. Excludes bonds not chargeable to public funds and short-term bond anticipation notes.

2/ As of June 30.

Source: Tax Foundation of Hawaii, *Government in Hawaii*, table 52 (annual) and Tax Foundation of Hawaii unpublished compilations of Hawaii State Department of Accounting and General Services, *Annual Report of the Comptroller* (annual) and of the Finance Directors' Annual Reports of the City & County of Honolulu, and the counties of Hawaii, Kauai and Maui (various reports).

**Table 9.59-- STATE GENERAL OBLIGATION BOND DEBT: 1990 TO 2008**

[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)

NA Not available.

Source: Hawaii State Department of Accounting and General Services, *State of Hawaii, Comprehensive Annual Financial Report* (fiscal years 1990-2001), Schedule I-2, and for fiscal year 2000, Schedule K-3; and *Ibid. For the Fiscal Year Ended June 30* (fiscal years 2002-2008)

<<http://hawaii.gov/dags/accounting-division/Annual%20Financial%20Report>> accessed June 29, 2009.

**Table 9.60-- GOVERNMENT WORKERS, BY LEVEL OF GOVERNMENT, CIVIL SERVICE STATUS, AND MEMBERSHIP IN STATE RETIREMENT SYSTEM: 1940 TO 2008**

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 6/	122,100	31,750	72,400	17,950	(NA)	70,805
2008 6/	125,000	32,200	74,300	18,550	(NA)	72,436

NA Not available.

1/ Data are annual averages and rounded to the nearest 50 except for the year 2000, which is rounded to the nearest 100. Totals may not add due to rounding.

2/ December 31 through 1960 and June 30 thereafter. State or Territorial workers in civil service system. Data exclude county employees, also covered by civil service.

3/ June 30 through 1960 and March 31 thereafter. Includes State or Territorial employees, county employees, and inactive members (those no longer employed by the State, Territory, or counties who have remained in the System), but excludes pensioners.

4/ 1995 data not comparable to earlier years.

5/ Does not include Hawaii Health Systems Corp. (HHSC). HHSC is a separate personnel jurisdiction apart from the civil service historically reported with the Department of Health and, since December 1999, its workforce data are not available.

6/ Data benchmarked by Hawaii Department of Labor & Industrial Relations in March 2009.

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 1990-2008 Job Count by Industry <<http://www.hiwi.org/article.asp?ARTICLEID=515&PAGEID=94&SUBID=>> accessed March 12, 2009; Hawaii State Department of Human Resources Development, records; Employees' Retirement System of the State of Hawaii, *Comprehensive Annual Financial Report* (annual), records, and <[http://www4.hawaii.gov/ers/financial\\_reports.htm](http://www4.hawaii.gov/ers/financial_reports.htm)> accessed June 19, 2008.

**Table 9.61-- FEDERAL GOVERNMENT EMPLOYMENT, BY AGENCY: 2004 to 2008**

[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	2004	2005	2006	2007	2008
<b>TOTAL</b>	22,216	22,031	22,186	21,899	23,003
Cabinet-level	21,956	21,761	21,915	21,622	22,712
Agriculture	837	851	842	845	827
Commerce	328	348	379	378	368
Defense	16,587	16,485	16,716	16,186	17,009
Air Force	1,962	205	2,000	1,935	2,020
Army	4,350	4,372	4,591	4,499	4,874
Other Defense	1,060	1,045	1,085	934	978
Navy/Marine Corps	9,215	9,063	9,040	8,818	9,137
Justice	300	281	295	294	297
U.S. Marshall's Service	24	23	23	25	25
Prisons	197	183	197	195	193
U.S. Attorney	69	66	66	65	70
Labor	31	26	25	26	25
Energy	3	3	2	1	1
Education	-	-	-	-	-
Health & Human Services	25	26	22	152	151
Homeland Security 1/	2,038	1,946	1,868	1,933	2,079
U.S. Coast Guard	119	124	130	134	133
Immig. & Customs Enf.	65	67	65	74	76
Customs & Border Prot.	414	389	366	346	341
Trans. Security Admin.	1,268	1,188	1,117	1,302	1,453
FEMA	143	144	157	41	40
Housing & Urban Dev.	25	28	28	27	29
Interior	573	594	565	581	643
National Park Service	333	349	338	351	407
State	22	23	15	16	20
Transportation	405	375	363	355	395
Fed. Aviation Admin.	389	361	349	339	380
Fed. Highways Admin.	13	11	12	13	12
Treasury	173	161	157	151	144
Internal Revenue Service	170	159	154	148	141
Veterans Affairs	609	614	638	677	724
Veterans Benefits Admin.	74	69	70	80	80
National Cemetery Admin.	23	23	22	23	22
Veterans Health Admin.	511	520	544	553	601
Independent agencies 2/					
Large	244	254	255	264	275
General Services Admin.	54	54	50	51	51
Social Security Admin.	119	114	110	108	119
Medium	15	15	15	13	16
Small	1	1	1	-	-

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 January 14, 2009.

**Table 9.62--STATE AND LOCAL GOVERNMENT EMPLOYMENT AND PAYROLLS, BY FUNCTION:  
MARCH 2007**

[In number of jobs and thousands of dollars. Data on 'Part-time hours paid (March)' included in previous reports is no longer available]

Government function	Employment				Payroll		
	Total	Full-time	Part-time	Full-time equivalent	Total March	Full-time employees	Part-time employees
Total	85,631	65,221	20,410	71,506	287,915	266,385	21,529
Education total	47,480	30,463	17,017	35,602	137,619	120,061	17,558
Higher educ. instructional emp.	4,397	2,717	1,680	3,501	21,343	16,842	4,501
All other higher education	8,788	3,897	4,891	5,383	19,833	15,847	3,986
Elem. & secondary instructional emp.	25,289	19,140	6,149	20,830	80,932	74,734	6,198
All other elem. & secondary educ.	8,871	4,576	4,295	5,754	15,009	12,140	2,869
Other education	135	133	2	134	501	497	4
Libraries	781	476	305	604	1,803	1,534	269
Public welfare	1,111	1,029	82	1,061	3,794	3,729	65
Hospitals	4,572	3,984	588	4,309	17,527	15,798	1,729
Health	2,799	2,714	85	2,755	11,426	11,225	201
Social insurance administration	242	238	4	240	965	954	11
Highways	1,636	1,622	14	1,628	6,652	6,637	14
Air transportation	999	990	9	994	3,579	3,566	13
Water transport and terminals	208	208	-	208	807	807	-
Police protection total	3,862	3,698	164	3,736	18,725	18,646	79
Police officers only	2,935	2,906	29	2,913	15,652	15,637	15
Other police employees	927	792	135	823	3,073	3,009	64
Fire protection total	1,866	1,864	2	1,866	9,514	9,509	5
Firefighters only	1,758	1,757	1	1,758	9,105	9,103	2
Other fire employees	108	107	1	108	410	407	3
Corrections	2,367	2,357	10	2,362	10,633	10,591	42

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**Table 9.62--STATE AND LOCAL GOVERNMENT EMPLOYMENT AND PAYROLLS, BY FUNCTION:  
MARCH 2007 -- Con.**

Government function	Employment				Payroll		
	Total	Full-time	Part-time	Full-time equivalent	Total March	Full-time employees	Part-time employees
Natural resources	1,355	1,057	298	1,156	4,895	4,632	262
Parks and recreation	3,186	1,762	1,424	2,047	6,365	5,720	644
Housing and community development	292	280	12	286	1,064	1,050	14
Sewerage	694	687	7	691	3,000	2,990	10
Solid waste management	580	577	3	578	2,568	2,568	1
Financial administration	1,464	1,452	12	1,457	5,749	5,726	23
Judicial and legal	3,042	2,957	85	2,992	13,168	13,002	167
Other government administration	1,816	1,609	207	1,697	7,178	6,866	312
Water supply	982	972	10	975	4,222	4,199	22
Transit	68	55	13	63	190	180	11
All other and unallocable	4,229	4,170	59	4,199	16,472	16,393	78

Source: U.S. Census Bureau, "Hawaii State and Local Government Employment and Payroll Data, By Level of Government and By Government Function: 2007 State and All Local" <<http://harvester.census.gov/datadissem/>> accessed November 28, 2008.

**Table 9.63-- STATE GOVERNMENT EMPLOYMENT AND PAYROLL, BY FUNCTION: MARCH 2007**

[In number of jobs and thousands of dollars. Data on 'Part-time hours paid (March)' included in previous reports is no longer available]

Government function	Employment				Payroll		
	Total	Full-time	Part-time	Full-time equivalent	Total March	Full-time employees	Part-time employees
Total	70,409	51,289	19,120	57,210	224,849	204,193	20,657
Education total	47,480	30,463	17,017	35,602	137,619	120,061	17,558
Higher educ. instructional emp.	4,397	2,717	1,680	3,501	21,343	16,842	4,501
All other higher education	8,788	3,897	4,891	5,383	19,833	15,847	3,986
Elem. & secondary instructional emp.	25,289	19,140	6,149	20,830	80,932	74,734	6,198
All other elem. & secondary educ.	8,871	4,576	4,295	5,754	15,009	12,140	2,869
Other education	135	133	2	134	501	497	4
Libraries	778	473	305	601	1,790	1,521	269
Public welfare	951	920	31	941	3,434	3,402	31
Hospitals	4,572	3,984	588	4,309	17,527	15,798	1,729
Health	2,580	2,499	81	2,538	10,179	9,989	191
Social insurance administration	242	238	4	240	965	954	11
Highways	848	842	6	845	3,645	3,640	5
Air transportation	999	990	9	994	3,579	3,566	13
Water transport and terminals	208	208	-	208	807	807	-
Corrections	2,367	2,357	10	2,362	10,633	10,591	42
Natural resources	1,338	1,049	289	1,145	4,861	4,610	250
Parks and recreation	660	141	519	176	564	480	84
Financial administration	732	731	1	732	2,701	2,697	4
Judicial and legal	2,457	2,385	72	2,413	10,495	10,343	152
Other government administration	821	666	155	743	2,861	2,589	272
All other and unallocable	3,376	3,343	33	3,361	13,191	13,145	46

Source: U.S. Census Bureau, "Hawaii Government Employment and Payroll Data, By Level of Government and By Government Function: 2007 State" <<http://harvester.census.gov/datadissem/>> accessed November 28, 2008.

**Table 9.64-- LOCAL GOVERNMENT EMPLOYMENT AND PAYROLL, BY FUNCTION: MARCH 2007**

[In number of jobs and thousands of dollars. Data on 'Part-time hours paid (March)' included in previous reports is no longer available]

Government function	Employment				Payroll		
	Total	Full-time	Part-time	Full-time equivalent	Total March	Full-time employees	Part-time employees
Total	15,222	13,932	1,290	14,296	63,066	62,193	873
Libraries	3	3	-	3	14	14	-
Public welfare	160	109	51	120	361	327	34
Health	219	215	4	217	1,247	1,237	10
Highways	788	780	8	783	3,007	2,998	9
Police protection total	3,862	3,698	164	3,736	18,725	18,646	79
Police officers only	2,935	2,906	29	2,913	15,652	15,637	15
Other police employees	927	792	135	823	3,073	3,009	64
Fire protection total	1,866	1,864	2	1,866	9,514	9,509	5
Firefighters only	1,758	1,757	1	1,758	9,105	9,103	2
Other fire employees	108	107	1	108	410	407	3
Natural resources	17	8	9	12	34	22	12
Parks and recreation	2,526	1,621	905	1,871	5,801	5,240	560
Housing and community development	292	280	12	286	1,064	1,050	14
Sewerage	694	687	7	691	3,000	2,990	10
Solid waste management	580	577	3	578	2,568	2,568	1
Financial administration	732	721	11	725	3,048	3,029	19
Judicial and legal	585	572	13	578	2,673	2,659	14
Other government administration	995	943	52	954	4,318	4,278	40
Water supply	982	972	10	975	4,222	4,199	22
Transit	68	55	13	63	190	180	11
All other and unallocable	853	827	26	838	3,280	3,248	32

Source: U.S. Census Bureau, "Hawaii Government Employment and Payroll Data By Level of Government and By Government Function: 2007 All Local" <<http://harvester.census.gov/datadissem/>> accessed November 28, 2008.

**Table 9.65-- PUBLIC EMPLOYEES INCLUDED IN COLLECTIVE BARGAINING UNITS: 2008**

[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	61,684	13,356	8,411	2,294	2,037	988	22,059	1,507	7,512	3,520
1	Blue-collar nonsupervisors	8,848	2,001	1,940	548	560	356	2,355	75	530	483
2	Blue-collar supervisors	831	186	227	52	43	12	262	3	18	28
3	White-collar nonsupervisors	14,589	4,478	1,779	639	594	250	4,407	877	889	676
4	White-collar supervisors	885	287	144	44	27	16	262	51	28	26
5	Teachers & other personnel 2/	12,997	-	-	-	-	-	12,997	-	-	-
6	Educational officers 3/	773	-	-	-	-	-	773	-	-	-
7	Faculty of the University of Hawaii and the community college system	3,934	-	-	-	-	-	-	-	3,934	-
8	Personnel of the University of Hawaii and the community college system, other than faculty	2,102	-	-	-	-	-	-	-	2,102	-
9	Registered prof. nurses	1,442	423	-	1	-	-	2	2	9	1,005
10	Institutional, health and correctional workers	2,961	1,627	215	-	-	-	26	41	2	1,050
11	Firefighters	1,887	134	1,016	339	280	118	-	-	-	-
12	Police officers	2,874	-	2,043	405	310	116	-	-	-	-
13	Prof. & scientific employees 4/	7,561	4,220	1,047	266	223	120	975	458	-	252

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. 47, March 3, 2009.

**Table 9.66-- SALARIES OF SELECTED GOVERNMENT OFFICIALS:  
2002 TO 2007**

[Annual rates, in dollars, as of January 1]

Government official	2002	2003	2004	2005	2006	2007
Governor	94,780	94,780	94,780	94,780	94,780	112,000
Lieutenant Governor	90,041	90,041	90,041	90,041	90,041	100,000
Mayor, Honolulu 1/	112,200	112,200	112,200	112,200	116,688	122,000
Mayor, Hawaii 2/	78,564	85,080	85,080	85,080	85,080	85,080
Mayor, Maui 3/	96,000	96,000	96,000	103,860	103,860	103,860
Mayor, Kauai	73,118	73,118	73,118	80,000	80,000	80,000
Chief Justice, Supreme Court 4/	116,779	116,779	116,779	116,779	116,779	116,779
Assoc. Justice, Supreme Court 4/	115,547	115,547	115,547	115,547	115,547	115,547
President, University of Hawaii 5/	442,000	442,000	442,000	325,000	360,000	360,000

1/ Had increased to \$110,000 effective July 1, 2000; and a 2 percent increase to \$112,200 effective July 1, 2001. A resolution to reject the Salary Commission's recommendation to increase to \$115,566 was adopted by the City Council on May 29, 2002, subsequent increases to \$116,688 recommended on April 20, 2005 and to \$122,000 on April 27, 2006 were not rejected within the 60-day limit and therefore are effective on July 1 of that year. Similarly, the Mayor's salary increased by 5 percent to \$128,100 on July 1, 2007.

2/ The Mayor's salary of \$78,564 became effective on December 4, 2000. By Salary Commission recommendation of April 19, 2002, the Mayor's salary increased to \$85,080 effective June 30, 2002.

3/ On January 1, 2002 the Mayor's salary increased 7 percent from \$89,712 to \$96,000 and to \$103,860 effective July 1, 2004. 2005 and 2006 are revised from previous *Data Book*.

4/ On February 16, 2000, Governor Benjamin J. Cayetano signed a bill that rectifies a measure passed by the 1999 Legislature. This mandates an increase of 4 percent over two years which was retroactive to July 1, 1999.

5/ For 1996-2000, Kenneth J. Mortimer's contract, expiring June 30, 2003, reportedly included use of the residence at College Hill and of a car. The Board of Regents was not available to confirm the contract and salary specifics. The contracted salary for Evan S. Dobelle of \$442,000 was effective July 2, 2001 and was to run to June 30, 2008 but was terminated by the Board of Regents on June 15, 2004. David McClain was named interim president by the Board of Regents effective August 15, 2004 through August 14, 2006. Terms of the contract include an annual salary of \$325,000 a year, residence at College Hill, a monthly car allowance of \$326, and a year of sabbatical leave upon successful completion of the two-year appointment with compensation set at \$190,000. The Board of Regents and David McClain agreed on March 7, 2006 on a March 1, 2006 - July 31, 2009 contract including \$360,000 annual salary plus free use of Manoa's College Hill mansion; \$326 monthly auto allowance and parking; an unspecified amount of expense account while on UH business for him and wife and post-contract a \$250,000 year's sabbatical; tenured professorship at \$250,000 per school year. It also provides a severance of one-year's pay if McClain involuntarily leaves the university before the contract expires.

Source: City & County of Honolulu, Hawaii, Maui, and Kauai County Mayor's offices, ordinances and Salary Commissions records; Hawaii State Department of Business, Economic Development & Tourism telephone surveys, various Honolulu Advertiser articles, and *Honolulu Star-Bulletin* "UH, McClain sign 3-year deal", March 8, 2006.

## Section 10

# NATIONAL DEFENSE

This section presents statistics relating to the armed forces and their family members, National Guard expenditures and strength, civilian employment in national defense, veterans, land controlled by the U.S. Department of Defense (DOD), military housing, and expenditures by the armed forces. Additional information appears in sections 1, 2, 9, 12, and 23.

The Hawaii State Department of Business, Economic Development & Tourism (DBEDT) has compiled periodic reports on military personnel and dependents since 1959. Other published sources include reports of the U.S. DOD, U.S. Census Bureau, U.S. Department of Veterans Affairs, the Hawaii State Department of Labor and Industrial Relations and the Hawaii State Department of Defense. Definitions used by these sources differ to some degree, and care is necessary in comparing data issued by two or more agencies. *Historical Statistics of Hawaii*, Section 26, includes series on the armed forces dating back to 1795. Section 10 of the *Statistical Abstract of the United States: 2009* presents data on national defense and veterans affairs for other states and the U.S. as a whole.

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

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

Narrative

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<a href="#">10.03</a>	Active Duty Personnel, by Service: 1953 to 2008
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**Table**  
**Number   Table Name**

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

<a href="#">10.27</a>	Armed Forces Status, by Veteran Status, by Sex and Age for the Population 18 Years and Over: 2000
<a href="#">10.28</a>	Distribution of Veterans Affairs Population and Expenditures, by County: 2006 to 2008
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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
<b>Total</b>	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
<b>Total</b>	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 2008**

[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	1981	44,141	17,962	10,948	9,070	6,161
1954	23,654	7,957	6,443	4,155	5,099	1982	44,470	17,457	11,880	8,926	6,207
1955	40,258	19,821	5,211	9,677	5,549	1983	44,651	17,466	12,671	7,926	6,588
1956	37,470	16,531	5,237	9,490	6,212	1984	47,648	19,222	12,960	8,703	6,763
1957	40,683	17,511	5,466	9,608	8,098	1985	46,875	18,262	12,722	9,192	6,699
1958	35,076	14,672	4,908	8,670	6,826	1986	46,122	18,153	12,938	8,752	6,279
1959	36,310	15,438	5,309	8,470	7,093	1987	47,262	18,905	12,975	9,263	6,119
1960	35,412	15,492	5,687	7,756	6,477	1988	45,843	18,170	12,479	9,365	5,829
1961	39,474	16,945	5,774	9,679	7,076	1989	45,935	18,788	12,403	9,179	5,565
1962	41,657	17,645	6,664	9,903	7,445	1990	41,887	18,590	12,289	5,618	5,390
1963	40,610	16,589	6,545	9,950	7,526	1991	44,092	18,173	12,040	8,571	5,308
1964	45,046	18,566	6,777	10,613	9,090	1992	44,864	18,666	12,321	8,945	4,932
1965	41,984	20,006	6,700	6,154	9,124	1993	42,958	18,831	11,272	8,147	4,708
1966	30,136	8,712	6,251	4,485	10,688	1994	42,161	19,485	11,510	6,484	4,682
1967	34,338	10,923	7,041	5,277	11,097	1995	38,172	16,672	10,738	6,198	4,564
1968	42,332	10,871	14,961	5,509	10,991	1996	36,392	15,225	10,643	5,953	4,571
1969	43,018	12,918	12,652	6,361	11,087	1997	34,826	15,249	9,840	6,123	3,614
1970	38,397	9,639	11,996	7,189	9,573	1998	34,643	15,133	7,882	7,081	4,547
1971	34,515	9,738	10,392	5,319	9,066	1999	32,708	14,692	7,397	6,136	4,483
1972	39,150	13,093	10,752	6,803	8,502	2000	33,930	15,483	7,998	5,960	4,489
1973	43,809	17,336	10,729	7,695	8,049	2001	34,322	15,709	8,349	5,821	4,443
1974	42,204	17,581	10,072	7,192	7,359	2002	34,608	15,985	8,654	5,680	4,289
1975	43,071	17,312	10,852	8,403	6,504	2003	34,203	15,985	8,381	5,161	4,676
1976	43,903	18,037	10,531	9,174	6,161	2004	35,061	17,068	7,694	5,541	4,758
1977	42,835	17,476	9,647	9,783	5,929	2005	32,629	15,458	6,524	5,796	4,851
1978	43,907	18,711	10,458	8,796	5,942	2006	34,935	18,687	6,080	5,050	5,118
1979	45,408	17,446	10,562	11,397	6,003	2007	34,838	19,867	5,595	4,483	4,893
1980	43,313	17,118	10,976	9,277	5,942	2008	37,847	21,554	5,320	6,306	4,667

1/ Exclude personnel afloat or temporary shore-based, but include deployed for Operation Iraqi Freedom and Operation Enduring Freedom.

Source: U.S. Department of Defense, Defense Manpower Data Center, Statistical Information Analysis Division, Historical Military Personnel and Active Duty Military Personnel by Service by Region/Country, Total DOD - September 30 (annual)  
 <<http://siadapp.dmdc.osd.mil/personnel/MILITARY/Miltop.htm>> accessed March 2, 2009.

**Table 10.04-- DEPARTMENT OF DEFENSE PERSONNEL  
AND DEPENDENTS: 1989 TO 2008**

[As of September 30. Includes personnel performing civil functions, primarily those associated with the Army Corps of Engineers. Excludes Coast Guard]

Year	Total	Active-duty shore-based military personnel 1/	Dependents of active-duty military personnel 2/	Direct-hire civilian personnel
1989	120,905	45,935	54,724	20,246
1990	113,471	41,887	51,727	19,857
1991	113,076	44,092	50,006	18,978
1992	110,428	44,864	47,671	17,893
1993	105,911	42,958	45,612	17,341
1994	99,188	42,161	39,989	17,038
1995	114,139	38,172	58,788	17,179
1996	111,002	36,392	57,786	16,824
1997	109,762	34,826	57,720	17,216
1998	104,018	34,643	52,643	16,732
1999	100,084	32,708	51,063	16,313
2000	100,826	33,930	50,804	16,092
2001	98,895	34,322	48,617	15,956
2002	98,118	34,608	47,002	16,508
2003	96,925	34,203	46,120	16,602
2004	98,835	35,061	47,198	16,576
2005	102,200	32,629	53,264	16,307
2006	(NA)	34,935	(NA)	17,079
2007	(NA)	34,838	(NA)	16,403
2008	(NA)	37,847	(NA)	17,340

NA Not available.

1/ Excludes Navy personnel afloat or temporary shore-based, e.g., approximately 6,000 as of September 30, 2006. See elsewhere in Section 10 for personnel data which includes afloat Navy and Marine Corps.

2/ Includes dependents of Hawaii residents stationed out of the State, if those dependents remained in Hawaii.

Source: U.S. Department of Defense, Defense Manpower Data Center, Directorate for Information, Operations and Reports, Statistical Information Analysis Division, *Department of Defense Selected Manpower Statistics* (annual through 1996); *Worldwide Manpower Distribution by Geographical Area, September 30* (annual 1997 to 2005); *Distribution of Personnel by State and by Selected Locations, September 30* (annual) <<http://siadapp.dmdc.osd.mil/personnel/Pubs.htm>> accessed July 16, 2009; and *Active Duty Military Personnel by Service by Region/Country, Total - DOD September 30* (annual) <<http://siadapp.dmdc.osd.mil/personnel/MILITARY/Miltop.htm>> accessed March 2, 2009.

**Table 10.05-- DEPARTMENT OF DEFENSE PERSONNEL, BY SELECTED LOCATION:  
SEPTEMBER 30, 2007**

Installation or geographic area	Total personnel	Military personnel 1/					Civilian personnel				
		Total	Army	Navy	Marines	Air Force	Total	Army 2/	Navy/ Marine	Air Force	Other defense agencies
Total	62,357	45,954	19,867	12,246	8,948	4,893	16,403	4,662	8,922	2,042	777
Aiea	284	188	-	184	-	4	96	-	93	-	3
Barbers Point NAS	126	42	3	38	-	1	84	3	33	22	26
Camp H.M. Smith	1,270	1,020	393	-	381	246	250	-	214	28	8
Ford Island	177	82	81	1	-	-	95	1	93	-	1
Fort Shafter	2,924	1,719	1,719	-	-	-	1,205	1,185	-	1	19
Hickam AFB	6,368	4,436	475	6	22	3,933	1,932	2	65	1,752	113
Honolulu	1,140	66	-	66	-	-	1,074	201	761	15	97
Kaneohe	10,487	9,897	-	1,466	8,429	2	590	-	525	-	65
Kauai Island	169	34	-	34	-	-	135	1	132	-	2
Kunia	1,977	1,857	-	1,265	69	523	120	39	79	2	-
Oahu Island	264	27	-	27	-	-	237	237	-	-	-
Pearl City	337	3	1	1	-	1	334	16	318	-	-
Pearl Harbor	11,289	8,964	109	8,799	46	10	2,325	3	2,078	-	244
Schofield Barracks	16,496	15,616	15,616	-	-	-	880	770	-	-	110
Tripler Army Med. Ctr.	3,069	1,427	1,420	4	-	3	1,642	1,637	5	-	-
Wahiawa	437	334	-	334	-	-	103	12	87	-	4
Wheeler AFB/Army Fld	743	163	-	-	-	163	580	398	-	97	85
Other	4,800	79	50	21	1	7	4,721	157	4,439	125	-

1/ Active duty. In some instances, the military departments, Army, Navy, and Air Force, report personnel by parent installation rather than their operating location. Navy/Marine Corps includes military shore-based personnel and temporary shore-based personnel and beginning with FY 2005 state locations also include those personnel in an afloat duty status. There are approximately 6,000 personnel afloat for Hawaii.

2/ Direct hire civilian personnel include employees involved in civil functions in the Army Corps of Engineers and 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, September 30, 2007, "DoD Military and Civilian Personnel by State - September 30, 2007"

<<http://siadapp.dmdc.osd.mil/personnel/M02/fy07/07top.htm>> accessed December 29, 2008.

**Table 10.06-- DEPARTMENT OF DEFENSE SUMMARY OF PERSONNEL,  
PAYROLLS, AND PRIME CONTRACT AWARDS: 2007**

[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/	61,136	30,576	19,221	10,562	777
Active duty military	33,737	19,928	8,702	5,107	-
Civilian	16,403	4,662	8,922	2,042	777
Reserve & National Guard	10,996	5,986	1,597	3,413	-
Total expenditures	6,477,347	2,635,366	2,246,539	1,257,793	337,650
Payroll outlays	4,245,375	1,926,300	1,304,261	959,266	55,548
Active duty military	2,582,361	1,412,261	460,527	709,573	-
Civilian	1,230,515	318,245	714,212	142,510	55,548
Reserve & National Guard	114,936	91,727	5,410	17,799	-
Retired military	317,563	104,067	124,112	89,384	-
Contracts 2/	2,158,038	661,531	922,285	297,625	276,597
Supply & equipment	379,521	67,204	73,006	27,424	211,887
RDT & E 3/	104,122	17,494	51,717	31,246	3,665
Service	1,260,315	390,381	573,698	235,191	61,045
Construction	414,080	186,452	223,864	3,764	-
Civil function			-	-	-
Grants	73,934	47,535	19,993	902	5,505

**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>
Shaw-Dick Pacific, LLC	175,984	Science Applications International	63,314
Tesoro Petroleum Corporation	136,595	Peter Kiewit Sons, Inc.	57,444
Nan. Inc.	109,040	Electronic Data Systems Corporation	43,456
BAE Systems PLC	94,162	Weeks Marine, Inc.	40,578
ITT Corporation	92,240	Hawaiian Electric Industries, Inc.	38,517

Continued on next page.

**Table 10.06-- DEPARTMENT OF DEFENSE SUMMARY OF PERSONNEL,  
PAYROLLS, AND PRIME CONTRACT AWARDS: 2007 -- Con.**

<b>Major locations of expenditures</b>	<b>Total</b>	<b>Payroll outlays</b>	<b>Grants and contracts</b>
Hickam Air Force Base	969,817	687,070	282,747
Pearl Harbor	522,084	434,047	88,037
Honolulu	439,363	145,548	293,815
Schofield Barracks	240,793	55,246	185,547
Tripler Army Medical Center	222,649	99,102	123,547
Kaneohe	204,798	202,746	2,052
Wahiawa Naval Comm	188,644	-	188,644
Aiea	172,763	29,540	143,223
Fort Shafter	169,961	100,284	69,677
Pearl Harbor Naval Shipyard	159,552	-	159,552
<b>Major locations of personnel 1/</b>	<b>Total military &amp; civilian</b>	<b>Active duty military</b>	<b>Civilian</b>
Hickam Air Force Base	5,916	3,984	1,932
Kaneohe	4,860	4,270	590
Pearl Harbor	4,741	2,416	2,325
Tripler Army Medical Center	1,649	7	1,642
Kunia	1,556	1,436	120
Fort Shafter	1,205	-	1,205
Honolulu	1,153	79	1,074
Camp H.M. Smith	1,014	764	250
Schofield Barracks	880	-	880
Wheeler AFB/Army Field	743	163	580

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 2007*

<<http://siadapp.dmdc.osd.mil/personnel/L03/fy07/07top.htm>> accessed June 5, 2009.

**Table 10.07-- DEPARTMENT OF DEFENSE SUMMARY OF PERSONNEL,  
PAYROLLS, AND PRIME CONTRACT AWARDS: 2008**

[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/	67,916	32,733	23,879	10,311	993
Active duty military	39,770	21,725	13,175	4,870	-
Civilian	17,340	5,053	9,225	2,069	993
Reserve & National Guard	10,806	5,955	1,479	3,372	-
Total expenditures	6,803,856	2,861,429	2,541,050	967,588	433,789
Payroll outlays	4,488,255	2,126,343	1,626,651	664,753	70,508
Active duty military	2,715,315	1,571,587	739,742	403,986	-
Civilian	1,309,241	335,686	753,525	149,522	70,508
Reserve & National Guard	136,373	112,820	4,880	18,673	-
Retired military	327,326	106,250	128,504	92,572	-
Contracts 2/	2,258,591	702,826	900,974	301,655	353,136
Supply & equipment	437,344	76,337	63,662	29,007	268,338
RDT & E 3/	67,840	2,332	37,874	22,908	4,726
Service	1,222,919	421,084	473,462	248,301	80,072
Construction	530,488	203,073	325,976	1,439	-
Grants	57,010	32,260	13,425	1,180	10,145

**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	200,868	Absher Construction Co.	73,268
Shaw-Dick Pacific, LLC	145,253	Nan. Inc.	67,817
Watts Constructors, LLC	117,169	Hawaiian Electric Industries, Inc.	57,670
BAE Systems PLC	111,960	ITT Corporation	56,520
Science Applications International	82,355	J & J Maintenance, Inc.	38,996

Continued on next page.

**Table 10.07-- DEPARTMENT OF DEFENSE SUMMARY OF PERSONNEL,  
PAYROLLS, AND PRIME CONTRACT AWARDS: 2008 -- Con.**

<b>Major locations of expenditures</b>	<b>Total</b>	<b>Payroll outlays</b>	<b>Grants and contracts</b>
Hickam Air Force Base	701,149	458,824	242,325
Pearl Harbor	660,562	602,250	58,312
Fort Kamehameha Military	464,750	-	464,750
Honolulu	370,067	143,282	226,785
Schofield Barracks	302,191	59,888	242,303
Kaneohe	294,845	294,510	335
Tripler Army Medical Center	238,122	110,060	128,062
Fort Shafter	197,435	104,144	93,291
Wahiawa Naval Comm	156,739	-	156,739
Pearl Harbor Naval Shipyard	152,266	-	152,266
<b>Major locations of personnel 1/</b>	<b>Total military &amp; civilian</b>	<b>Active duty military</b>	<b>Civilian</b>
Kaneohe	6,868	6,257	611
Pearl Harbor	6,421	3,764	2,657
Hickam Air Force Base	5,732	3,771	1,961
Kunia	2,149	2,030	119
Tripler Army Medical Center	1,848	13	1,835
Fort Shafter	1,197	-	1,197
Camp H.M. Smith	1,188	875	313
Honolulu	1,127	107	1,020
Schofield Barracks	1,047	-	1,047
Wheeler AFB/Army Field	719	152	567

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 2008*

<<http://siadapp.dmdc.osd.mil/personnel/L03/fy08/08top.htm>> accessed June 29, 2009.

**Table 10.08-- DEFENSE-RELATED APPROPRIATIONS BILL  
HAWAII-RELATED INITIATIVES: 2008**

[In millions of dollars. For fiscal year ending September 30. The Bill was signed into law  
(Public Law 110-116) by President George W. Bush on November 13, 2007]

Subject	Amount
Total	208.00
Oahu/Statewide	80.10
Hawaii Tech. Dev. Venture - commercialization of defense & homeland security tech. & provides an opp't'y for companies in Hawaii to develop adv. tech. for national defense	10.00
Center of Excellence for Research in Ocean Studies (CEROS)	10.00
Electrical distribution upgrade at Hickam Air Force Base	7.00
Intelligent Decision Exploration (INDEX) - enhance force protection during coalition ops.	5.50
Hawaii Undersea Chemical Weapons Assessment Program	5.50
Defense dependents education support and school repairs	5.50
Low-Earth Orbit Nanosatellite Integrated Defense Autonomous System (LEONIDAS)	4.00
Army conservation and ecosystem management	3.50
Theater Undersea Warfare Initiative (TUSW)	3.20
Warfighter rapid awareness processing technology	3.00
Military applications of medical grade Chitosan	3.00
Hawaii National Guard Counterdrug Program	3.00
Brown Tree Snake control	2.00
Foliage Penetrating Reconnaissance and Surveillance System	2.00
Corrosion Prevention and Control Program - Marine Corps	1.80
Army National Guard	1.80
Army Reserve	1.80
Rescue streamer distress signal kits	1.50
Virtual onboard analyst for multi-sensor mine detection	1.00
Marine Air-Ground Task Force situational awareness	1.00
Info Sharing for Intel., Surveil., Recon., Targeting & Engagement (ISRTE) mobile targets	1.00
Immersive Group Simulation Virtual Training System	1.00
Autonomous unmanned surface vessel	1.00
Advanced detection of explosives	1.00
Maui	68.70
Maui Space Surveillance System (MSSS) - oper. satellite tracking fac. with R&D activ.	23.00
PanSTARRS - continue dev. of large aperture telescopes with different sensors	9.00
Applications of LIDAR to Vehicles with Analysis (ALVA)	8.40
Pacific-Based Joint Information Technology Center	6.50
High Accuracy Network Determination System (HANDS)	5.20
Pacific Disaster Center - supp. emergency mgt. activities in Pacific & Indian Oceans	6.00
Maui High Performance Computing Center (MHPCC)	5.00
Multi-mission Deployable Optical System	4.00
Real-time optical surveillance applications	1.60

Continued on next page.

**Table 10.08-- DEFENSE-RELATED APPROPRIATIONS BILL  
HAWAII-RELATED INITIATIVES: 2008 -- Con.**

Subject	Amount
Kauai	34.20
Pacific airborne surveillance and testing	15.00
Strategic materials and silicon carbide optics	5.00
Mobile Modular Command Center (M2C2)	3.20
Flood Control at Pacific Missile Range Facility (PMRF)	3.00
Multi-Target-Tracking Optical Sensor Array Technology (MOST)	3.00
Pacific Region interoperability test and evaluation capability	3.00
PMRF Force Protection Laboratory	2.00
Health: AKAMAI II, Telemed. & Tech. Initiative to improve access & quality of care	25.00
Vascular graft development on elastin biomatrices	4.25
Hyperspectral diagnostic imaging	3.25
Continue development of nanotechnology	1.90
Advance development of materials and technologies for tissue replacement, etc.	2.75
Support dev. of functional infrared brain sensing to aid crew life support, etc.	1.90
Continue dev. of improved clinical info sys. & processing to enhance patient safety	1.90
Estab. congest. heart failure clinic & regenerative med. research w/Tripler Army Med. Center (TAMC), Univ. of Hawaii John A. Burns Sch. of Medicine, & St. Francis Hosp.	2.25
Support dev. of research w/TAMC & Burns Sch. of Med. in trop.med. & infec. diseases	2.00
Pursue the optimization of small molecule anthrax lethal factor inhibitors, etc.	1.90
Continue Triple Helix (academic, government & industry) partnership approach, etc.	0.90
Dev. & integrate adv. health care tech. for military, veteran & civilian communities	0.50
Continue dev. of effective preventive chronic disease mgt care at home, etc.	0.50
Continue studies using imaging & virtual reality in diagnosing & treating post-traumatic stress disorder & other behavioral health problems in active duty and veteran patients	0.50
Dev. proc. for detecting chem., biol., radiological, & nuclear agents using radio freq. etc.	0.50
Provisions included elsewhere in the Bill give U.S. Navy discretion to transfer funds from its approx. \$33.1 billion oper. & maintenance budget to the Dept.of the Interior to help the nationwide effort to rebuild the Pearl Harbor Memorial Museum & Visitors Center	20.00
Competitive opportunities for Hawaii-based org. & companies in defense-related grants	306.00
Test and training range upgrades	136.00
Alternative energy research	52.00
Environmental restoration	35.00
University research	24.00
Readiness and environmental protection initiative	16.00
Regional Centers for Security Studies	16.00
Rpace situational awareness research	15.00
Command and control upgrades for U.S. Army, Pacific	12.00

Source: U.S. Senator Daniel K. Inouye Press Release "\$208 Million for Defense-Related Projects in Hawaii Clear Final Congressional Hurdle, Await Enactment into Law" (November 9, 2007) <<http://inouye.senate.gov/~inouye/07pr/20071109pr01.html>> accessed November 30, 2007.

**Table 10.09-- MILITARY CONSTRUCTION APPROPRIATIONS BILL: 2010**

[For fiscal year ending September 30. As approved by the U.S. Senate Appropriations Committee on July 7, 2009]

Subject	Amount (1,000's)
Construction projects in Hawaii	329,610
Air Force	15,910
C-17 Kona short auxiliary airfield (planning and design)	910
Wheeler Air Force Base - construct ASOC complex	15,000
Army	191,500
Schofield Barracks:	184,000
Vehicle maintenance shops 1/	99,000
Warrior in Transition barracks 2/	55,000
Warrior in Transition complex 2/	30,000
Wheeler Air Force Base - Regional SATCOM Information Center	7,500
Navy	79,567
Oahu - Range, 1000 – Puuloa	5,380
Pearl Harbor	74,187
Productive services support facility	30,360
APCSS Conference & Technology Learning Center	12,775
Missile magazines (5), West Loch	22,407
PACFLT Sub Drive-In MAG Silencing FAC	8,645
Air National Guard at Hickam Air Force Base	33,000
TFI – F-22 Low-Observable/Composite repair facility	26,000
TFI – F-22 parking apron and taxiways	7,000
Defense Information Systems Agency	9,633
Ford Island - Pacific operations facility upgrade	9,633

1/ One budgeted at \$36 million and a second at \$63 million.

2/ The Warrior in Transition Units help soldiers whose injuries or illnesses require complex medical care, and help them recover and return to duty or make the transition to civilian life. They include Soldier and Family Assistance Centers, and provide services, from assistance with ID cards to education and information on insurance and VA benefits.

Source: U.S. Senator Daniel K. Inouye News Release "Senate Appropriations Panel Approves \$329 Million For Military Construction Projects In Hawaii" (July 9, 2009)  
<<http://inouye.senate.gov/Press/upload/070909-FY10-MilCon-Markup-Release.pdf>> accessed July 10, 2009.

**Table 10.10-- DEPARTMENT OF DEFENSE MILITARY PERSONNEL AND DEPENDENTS, BY SERVICE: 2004 TO 2008**

[As of September 30]

Category	All services	Army	Navy	Marine Corps	Air Force
2004					
Total military and dependents	82,259	39,375	18,845	12,028	12,011
Military personnel 1/	35,061	17,068	7,694	5,541	4,758
Family members 2/	47,198	22,307	11,151	6,487	7,253
Command-sponsored	44,321	22,307	10,357	4,514	7,143
Non-command-sponsored	2,877	-	794	1,973	110
2005					
Total military and dependents	85,893	38,596	16,815	17,231	13,251
Military personnel 1/	32,629	15,458	6,524	5,796	4,851
Family members 2/	53,264	23,138	10,291	11,435	8,400
Command-sponsored	47,888	23,138	10,075	7,480	7,195
Non-command-sponsored	5,376	-	216	3,955	1,205
2006 3/					
Military personnel 1/	34,935	18,687	6,080	5,050	5,118
2007 3/					
Military personnel 1/	34,838	19,867	5,595	4,483	4,893
2008 3/					
Military personnel 1/	37,847	21,554	5,320	6,306	4,667

1/ Active duty. Excludes Coast Guard and personnel afloat or temporary shore-based. See elsewhere in Section 10 for personnel data which includes afloat Navy and Marine Corps.

2/ Dependents of active-duty military personnel. Command-sponsorship depends upon whether the family member resides with the member at the duty station, whether the accompanied tour is authorized and meets criteria for funded travel and station allowance.

3/ The DOD report containing number of dependents has not been released beyond FY 2005. Estimates of military dependents by other sources are available in Section 1.

Source: U.S. Department of Defense, Defense Manpower Data Center, Directorate for Information, Operations and Reports, Statistical Information Analysis Division, *Worldwide Manpower Distribution by Geographical Area, September 30* (annual through 2005) <<http://siadapp.dior.whs.mil/personnel/Pubs.htm>> accessed May 31, 2006; and *Active Duty Military Personnel by Service by Region/Country, Total - DOD September 30* (annual) <<http://siadapp.dmdc.osd.mil/personnel/MILITARY/Miltop.htm>> accessed June 29, 2009.

**Table 10.11-- DEPARTMENT OF DEFENSE CIVILIAN PERSONNEL,  
BY SERVICE: 1982 TO 2008**

[As of September 30. Includes personnel performing military functions, those activities associated with the uniformed services. Personnel are U.S. citizens and are direct-hires unless otherwise noted. Excludes civilian personnel of the Coast Guard]

Year	All services	Army	Navy & Marine Corps	Air Force	Other defense activities
1982	20,090	4,529	12,812	2,642	107
1983	20,244	4,575	12,969	2,595	105
1984	20,800	4,861	13,223	2,605	111
1985	21,259	5,300	13,213	2,626	120
1986	20,753	5,426	12,666	2,526	135
1987	20,682	5,458	12,601	2,501	122
1988	20,557	5,296	12,824	2,317	120
1989	20,246	5,342	12,405	2,378	121
1990	19,857	5,548	11,951	2,244	114
1991	18,978	5,148	11,423	2,199	208
1992	17,893	4,933	10,886	1,431	643
1993	17,341	4,839	10,198	1,398	906
1994	17,038	4,647	9,923	1,371	1,097
1995	17,179	4,820	10,014	1,323	1,022
1996	16,824	4,936	9,564	1,275	1,049
1997	17,216	4,779	9,361	1,951	1,125
1998	16,028	4,437	9,237	1,269	1,085
1999	16,318	4,293	8,864	2,026	1,135
2000	16,723	4,471	8,999	2,074	1,179
2001	16,699	4,455	9,068	2,098	1,078
2002	16,508	4,441	8,925	2,075	1,067
2003	16,602	4,304	9,293	1,961	1,044
2004	16,576	4,302	9,230	1,966	1,078
2005	16,307	4,320	9,075	1,980	932
2006	17,079	4,750	9,130	2,109	1,090
2007	16,403	4,662	8,922	2,042	777
2008	17,340	5,053	9,225	2,069	993

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) accessed June 29, 2009; *Worldwide Manpower Distribution by Geographical Area* (annual) <<http://siadapp.dior.whs.mil/personnel/MMIDHOME.HTM>> accessed June 22, 2006; and *Distribution of Personnel by State and by Selected Locations, September 30, 2006* <<http://siadapp.dmdc.osd.mil/personnel/Pubs.htm>> accessed June 3, 2008.

**Table 10.12 -- DIRECT AND INDIRECT IMPACT OF A \$1 BILLION  
MILITARY EXPENDITURE**

[Based on inter-industry relationships in 2002. Multipliers updated for 2005. Industries sorted  
for greatest output impact]

<b>Industry sector</b>	<b>Output (in millions of dollars)</b>	<b>Earnings (in millions of dollars)</b>	<b>Jobs (number)</b>
Total	1,487.0	938.0	13,492
Federal military and civilian gov't	777.6	713.1	7,815
Real estate and rentals	148.5	9.2	364
Health services	89.5	43.6	921
Retail trade	57.9	21.6	754
Mining and construction	55.0	20.3	337
Professional services	50.8	25.8	459
Finance and insurance	46.2	13.5	258
Other manufacturing	39.3	7.0	92
Business services	33.2	18.5	516
Other services	31.6	13.0	542
Transportation	25.0	6.8	137
Eating and drinking	24.6	8.3	389
Wholesale trade	24.0	8.6	171
Information	23.4	7.1	119
Utilities	20.7	3.1	28
Educational services	11.3	6.0	189
Food processing	8.4	1.7	52
State and local Government	6.1	4.8	86
Agriculture	5.0	1.9	101
Arts and entertainment	5.0	2.5	134
Accommodation	3.9	1.5	29

Source: Hawaii State Department of Business, Economic Development & Tourism, *The 2005 State Input-Output Study for Hawaii* (August 2008)  
<[http://hawaii.gov/dbedt/info/economic/data\\_reports/2005\\_state\\_io/](http://hawaii.gov/dbedt/info/economic/data_reports/2005_state_io/)> accessed November 24, 2008  
and records.

**Table 10.13-- FEDERAL EXPENDITURES FOR ARMY AND AIR  
NATIONAL GUARD: 2006 AND 2007**

[In dollars. For fiscal year ending September 30. The 2005 report is forthcoming]

Category	2006	2007
Total Federal support for Army National Guard	84,376,622	1/ 89,449,196
Total funds provided by National Guard Bureau (Army) (AGR pay)	14,739,967	15,078,986
Total funds allotted to U.S. Property & Fiscal Office for Hawaii	69,636,655	1/ 75,808,034
National Guard personnel appropriations - Army	21,740,478	28,524,382
Military pay, transportation, and travel	21,181,162	27,673,162
Military uniform	363,820	375,820
Subsistence	195,496	475,400
Oper. and maint., military constr. approp. - Army	45,927,177	45,316,652
Civilian pay	17,791,650	21,353,257
Transportation and travel - personnel	230,468	697,543
Equipment, supplies, and services	10,093,666	14,027,400
Ground operations	2,274,972	4,276,400
Air operations	629,866	942,300
Other operating supplies and services	7,188,828	8,808,700
Construction, repairs and utilities	17,811,393	9,238,452
Armory construction	746,129	-
Architectural and engineering services	-	-
Non-armory construction	5,961,497	-
Maintenance, repairs and environmental	10,072,469	8,207,154
Utilities	1,031,298	1,031,298
Funded directly by National Guard Bureau (Army)	1,969,000	1,967,000
Oper. & maint. def. approp.-Army Youth CHalleNGe	1,969,000	1,967,000
Total Federal support for Air National Guard	1/ 169,480,490	178,647,832
Total funds allotted to U.S. Property & Fiscal Office for Hawaii	1/ 134,749,157	131,575,311
National Guard personnel appropriations - Air	2,506,398	2,483,032
Deployments, transportation and travel	2,134,587	1,939,520
Military uniform	251,800	305,958
Subsistence	120,011	237,554
Oper. and maint., military constr. approp. - Air	132,243,259	129,092,279
Civilian pay	58,319,927	61,677,153
Transportation and travel	3,963,991	3,836,701
Personnel/deployments	3,762,707	2,808,349
Equipment and supplies	201,284	1,028,352
Equipment, supplies and services	67,717,286	61,441,623
Equipment	954,087	992,703
Supplies	4,446,723	4,858,751
Depot level reparables	27,981,874	27,581,391
Aviation fuel	27,876,326	24,718,643
Other operating supplies and services	6,458,276	3,290,135

Continued on next page.

**Table 10.13-- FEDERAL EXPENDITURES FOR ARMY AND AIR  
NATIONAL GUARD: 2006 AND 2007 -- Con.**

Category	2006	2007
Oper. and maint., military constr. approp. - Air --Con.		
Construction, repair and utilities	2,242,055	2,136,802
Architectural and engineering services	310,228	-
Minor construction/major repairs	13,967	-
Operations and maintenance agreements	1,917,860	2,136,802
Funded directly by National Guard Bureau (Air )	34,731,333	1/ 47,072,521
Annual training pay	3,235,440	5,003,502
Other active duty pay	2,070,682	8,652,389
Inactive duty training pay	7,376,803	10,358,999
Basic training pay	258,835	724,999
Active Guard Reserve pay	21,789,573	1/ 22,332,632

1/ Components do not sum to published total. Resolution underway.

Source: Hawaii Department of Defense, *Annual Report Fiscal Year* (annual) and records. See also  
<<http://www.dod.state.hi.us/dod>>.

**Table 10.14-- ARMY AND AIR NATIONAL GUARD STRENGTH, 1980 TO 2007**

[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/	2/ 5,243		(NA)	(NA)		
2006 3/	5,300		3,000	2,300		
2007	4/ 4,970		2,680	2,290		

NA Not available.

1/ The 2005 report is forthcoming.

2/ Drill-status Army and Air National Guard members.

3/ Counts approximate.

4/ For FY 2007, the drill-status estimate is 3,540+.

Source: Hawaii State Department of Defense, *Annual Report Fiscal Year* (annual), *Annual Report for Fiscal Year* (beginning 2004) <<http://www.dod.state.hi.us/annual.html>> accessed July 10, 2007; and records.

**Table 10.15-- CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT,  
DEPARTMENT OF DEFENSE, AND PEARL HARBOR NAVAL SHIPYARD:  
ANNUAL AVERAGE, 1990 TO 2008**

[According to the North American Industrial Classification System (NAICS) adopted in 1997]

Year	Federal Government	Department of Defense	Naval Shipyard
1990	34,200	19,400	(1/)
1991	33,900	18,800	(1/)
1992	33,300	18,100	(1/)
1993	31,800	17,400	(1/)
1994	31,300	16,900	(1/)
1995	31,100	16,800	(1/)
1996	31,100	16,800	(1/)
1997	30,700	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	31,650	16,350	4,000
2008	32,100	16,500	4,100

1/ New series in 2001. NAICS series data are not available previously.

Source: Hawaii State Department of Labor and Industrial Relations, "State of Hawaii Not Seasonally Adjusted Jobcount By Detailed Industry"

<[https://www.hiwi.org/admin/uploadedPublications/524\\_CESST90S.PDF](https://www.hiwi.org/admin/uploadedPublications/524_CESST90S.PDF)> and

<[http://www.hiwi.org/admin/uploadedPublications/525\\_CESST00S.PDF](http://www.hiwi.org/admin/uploadedPublications/525_CESST00S.PDF)> accessed January 27, 2009.

**Table 10.16-- SELECTIVE SERVICE REGISTRATION FOR THE UNITED STATES AND HAWAII: 2002 TO 2008**

[As of September 30]

Subject	Registrants 1/	
	United States 2/	Hawaii
2002		
Draft eligible registrants, born 1977-1982	11,052,970	43,837
Born 1983-1984	2,716,171	10,589
Born 1977-1984	13,769,141	54,426
2003		
Draft eligible registrants, born 1977-1982	11,454,033	46,994
Born 1983-1984	2,824,003	10,281
Born 1977-1984	14,278,036	57,275
2004		
Draft eligible registrants, born 1979-1984	11,889,604	49,271
Born 1985-1986	2,931,681	10,052
Born 1979-1986	14,821,285	59,323
2005		
Draft eligible registrants, born 1980-1985	12,162,580	50,381
Born 1986-1987	2,942,042	9,734
Born 1980-1987	15,104,622	60,115
2006		
Draft eligible registrants, born 1981-1986	10,326,013	43,579
Born 1987-1988	4,960,184	17,188
Born 1981-1988	15,286,197	60,767
2007		
Entire registrant group, 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

1/ Almost all male U.S. citizens regardless of where they live, and male immigrant aliens residing in the U.S., are required to be registered with Selective Service if they are at least 18 years old but are not yet 26 years old. They are required to register within 30 days of turning 18.

2/ Including the District of Columbia, Northern Mariana Islands, Virgin Islands, Puerto Rico, Guam, and foreign.

Source: Selective Service System, *Annual Report to Congress for the Fiscal Year* (annual)  
 <<http://www.sss.gov/PUBLIC.HTM>> accessed June 17, 2009.

**Table 10.17-- MILITARY PRIME CONTRACT AWARDS,  
BY PROGRAM: 2004 TO 2008**

[In thousands of dollars. Fiscal years ending September 30]

Procurement program	2004	2005	2006	2007 1/	2008 1/
Total	1,713,892	1,990,796	1,963,465	2,158,038	2,258,591
Aircraft engines & spares	-	502	5	(NA)	(NA)
Airframes & spares	6,314	50,638	3,316	(NA)	(NA)
All other supplies & equipment	90,707	118,208	162,089	(NA)	(NA)
Ammunition	2	-	10	(NA)	(NA)
Building supplies	58	38	48	(NA)	(NA)
Combat vehicles	650	86	-	(NA)	(NA)
Construction	531,044	524,526	537,211	(NA)	(NA)
Construction equipment	-12	194	18	(NA)	(NA)
Containers and handling equip.	-	1	20	(NA)	(NA)
Electronics & communication equip.	52,447	40,540	53,140	(NA)	(NA)
Materials handling equipment	1,911	17	170	(NA)	(NA)
Medical & dental supplies & equip.	221,161	289,584	68,485	(NA)	(NA)
Missile & space systems	38,425	57,273	5,498	(NA)	(NA)
Non-combat vehicles	414	168	191	(NA)	(NA)
Other aircraft equipment	5,311	1,495	1,191	(NA)	(NA)
Other fuels and lubricants	101	49	1,056	(NA)	(NA)
Petroleum	97,944	136,343	300,615	(NA)	(NA)
Photographic supplies & equip.	191	190	239	(NA)	(NA)
Production equipment	599	94	467	(NA)	(NA)
Services	553,779	627,146	708,590	(NA)	(NA)
Ships	96,229	85,705	71,235	(NA)	(NA)
Subsistence	16,370	48,904	40,678	(NA)	(NA)
Textiles, clothing, & equipage	162	-	32	(NA)	(NA)
Transportation equipment	83	7	-	(NA)	(NA)
Weapons	-	9,086	9,162	(NA)	(NA)

NA Not available.

1/ 2007 has been revised from previous *Data Book* 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 29, 2009.

**Table 10.18-- DEPARTMENT OF DEFENSE PRIME CONTRACTS, BY  
BRANCH: 1981 TO 2008**

[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 3/	1,159,581	243,813	618,071	168,588	129,109
2001 3/	1,307,383	384,619	675,946	93,020	153,798
2002 3/	1,433,119	347,103	771,035	156,326	158,655
2003 3/	1,807,956	395,469	713,600	253,196	445,691
2004 3/	1,713,912	529,637	584,645	223,409	376,221
2005 3/	1,990,800	521,088	556,983	380,826	531,903
2006 3/	1,963,468	602,984	537,101	344,092	479,291
2007 3/	2,158,038	661,531	922,285	297,625	276,597
2008	2,258,591	702,826	900,974	301,655	353,136

1/ Includes U.S. Army Corps of Engineers.

2/ Includes Defense Logistics Agency (DLA) and other defense agencies (ODA).

3/ Revised from previous *Data Book*.

Source: U.S. Department of Defense, Defense Management Data Center, Statistical Information Analysis Division, *Atlas/Data Abstract for the United States and Selected Areas* (annual)

<<http://siadapp.dmdc.osd.mil/personnel/Pubs.htm>> accessed June 29, 2009.

**Table 10.19-- DEPARTMENT OF DEFENSE PRIME CONTRACT AWARDS,  
BY COUNTY, BY DEFENSE COMPONENT: 2006 TO 2008**

[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
2006	1,963,465	7,981	1,839,103	77,553	38,829
Army	600,420	4,283	572,872	1,773	21,492
Navy	537,112	2,819	459,674	68,554	6,066
Air Force	344,093	183	334,235	17	9,657
Defense Logistics Agency	404,695	71	399,278	5,274	73
Civil functions: Corps of Eng.	2,552	-	2,552	-	-
Other defense agencies	74,594	625	70,493	1,935	1,541
2007 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	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/	2,258,591	(NA)	(NA)	(NA)	(NA)
Army	702,826	(NA)	(NA)	(NA)	(NA)
Navy	900,974	(NA)	(NA)	(NA)	(NA)
Air Force	301,655	(NA)	(NA)	(NA)	(NA)
Civil functions: Corps of Eng. 2/	(NA)	(NA)	(NA)	(NA)	(NA)
Other defense activities 3/	353,136	(NA)	(NA)	(NA)	(NA)

NA Not available.

1/ The 2008 estimate is 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 at <http://www.usaspending.gov> also contains current DoD procurement data. Future *Data Book* updates and revision of 2007 and 2008 are expected to be based on those data/sites. See Table 10.18 for revised 2007 procurement by branch of service estimates.

2/ Civil functions not available in the FPDS-NG system.

3/ Includes 'Other defense agencies' and Defense Logistics Agency.

Source: U.S. Department of Defense, Defense Manpower Data Center, Statistical Information Analysis Division, Geographic Statistics, Prime Contract Awards by State, "DoD Prime Contract Awards by State/County, FY2006" <[http://siadapp.dior.whs.mil/procurement/historical\\_reports/geographic/geostat.html](http://siadapp.dior.whs.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 2008* <<http://siadapp.dmdc.osd.mil/personnel/L03/fy08/08top.htm>> accessed June 29, 2009.

**Table 10.20-- MILITARY SUBCONTRACTING PROGRAM: 2003 TO 2006**

[In thousands of dollars and percent. Fiscal year ending September 30. Public Law 95-507, as amended, requires large business firms that have received at least one contract over \$500,000, or \$1,000,000 for construction, to establish a subcontracting program]

<b>Procurement program</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006 1/</b>
Hawaii number of contractors	49	48	41	41
Hawaii total contracts	284,976	196,793	204,533	319,430
Large business	100,474	73,876	87,310	119,085
Small business	184,502	122,917	117,223	200,345
Small disadvantaged business	75,168	21,583	34,370	25,850
Women-owned business	30,245	15,931	11,633	42,454
HBCU/MI 2/	162	133	31	208
HUBZone 3/	8,402	6,109	2,747	16,399
Veteran-owned	8,137	13,269	19,536	17,459
Service-disabled veteran-owned	264	219	282	467
Hawaii contracts as percent of total	100.0	100.0	100.0	100.0
Large business	35.3	37.5	42.7	37.3
Small business	64.7	62.5	57.3	62.7
Small disadvantaged business	26.4	11.0	16.8	8.1
Women-owned business	10.6	8.1	5.7	13.3
HBCU/MI 2/	0.1	0.1	(4/)	0.1
HUBZone 3/	2.9	3.1	1.3	5.1
Veteran-owned	2.9	6.7	9.6	5.5
Service-disabled veteran-owned	0.1	0.1	0.1	0.1
United States number of contractors	1,983	1,639	1,625	1,493
United States total contracts	86,383,380	101,677,468	120,947,969	106,472,454
Large business	54,450,581	66,571,644	77,332,006	66,906,557
Small business	31,932,800	35,105,824	43,615,963	39,565,897
Small disadvantaged business	4,068,207	4,135,337	5,363,344	5,091,551
Women-owned business	4,165,248	4,946,268	5,956,704	5,817,559
HBCU/MI 2/	30,209	233,540	145,624	60,818
HUBZone 3/	879,640	1,083,164	1,434,765	1,786,961
Veteran-owned	2,078,571	2,744,357	3,447,490	3,705,866
Service-disabled veteran-owned	296,602	449,021	519,237	718,462

Continued on next page.

**Table 10.20-- MILITARY SUBCONTRACTING PROGRAM: 2003 TO 2006 -- Con.**

Procurement program	2003	2004	2005	2006 1/
U.S. contracts as percent of total	100.0	100.0	100.0	100.0
Large business	63.0	65.5	63.9	62.8
Small business	37.0	34.5	36.1	37.2
Small disadvantaged business	4.7	4.1	4.4	4.8
Women-owned business	4.8	4.9	4.9	5.5
HBCU/MI 2/	(4/)	0.2	0.1	0.1
HUBZone 3/	1.0	1.1	1.2	1.7
Veteran-owned	2.4	2.7	2.9	3.5
Service-disabled veteran-owned	0.3	0.4	0.4	0.7

1/ 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. Future *Data Book* updates of military subcontracting are expected to be based on those data/sites.

2/ HBCU/MI Historically Black Colleges and Universities/Minority Institutions.

3/ HUBZone Historically underutilized business zone.

4/ Less than 0.1.

Source: U.S. Department of Defense, Statistical Information Analysis Division, "Companies Participating in the Department of Defense Subcontracting Program"

<[http://siadapp.dmdc.osd.mil/procurement/historical\\_reports/statistics/procstat.html](http://siadapp.dmdc.osd.mil/procurement/historical_reports/statistics/procstat.html)> accessed October 22, 2007 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.21-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2007**

Site	Name of nearest city	Buildings Owned 1/		Acreage		PRV 2/ (\$mil.)	Personnel			
		Number	Square feet	Total	Owned		Total	Military	Civilian	Other 3/
Hawaii total		7,751	46,273,379	234,043	177,026	29,943.7	74,238	51,140	14,799	8,299
Army total		1,521	14,554,800	193,011	141,243	9,851.2	36,272	23,565	4,458	8,249
Army Active		1,451	13,759,668	169,400	140,979	9,512.3	34,194	21,772	4,368	8,054
Aliamanu Military Reservation	Honolulu	103	280,061	603	597	839.3	137	7	36	94
Dillingham Military Res	Waialua	5	4,176	664	664	44.2	40	-	-	40
Fort De Russey	Honolulu	9	783,763	73	73	220.5	1,000	-	4	996
Fort Shafter	Honolulu	133	1,643,272	590	590	814.6	7,765	4,899	1,337	1,529
Helemano Military Reservation	Wahiawa	23	243,047	290	-	462.8	85	2	19	64
Kahuku Training Area	Kahuku	16	22,460	9,480	8,330	28.4	1	-	-	1
Kilauea Military Reserve	Hawaii Nat'l Park	86	152,014	72	17	46.5	78	-	2	76
Kipapa Ammo Storage Site	Pukalani	70	179,462	401	401	73.3	-	-	-	-
Makua Military Reserve	Waianae	4	4,873	4,195	3,406	18.6	-	-	-	-
Pohakuloa Training Area	Hilo	172	293,849	131,886	108,851	263.8	225	13	105	107
Pupukea Paalaa Uka Mil Road	Haleiwa	-	-	109	109	11.4	-	-	-	-
Schofield Bks Mil Reservation	Wahiawa	477	6,529,158	18,676	15,600	4,252.7	16,127	12,386	1,063	2,678
Signal Cable Trunking System	Wahiawa	43	9,071	201	201	87.3	-	-	-	-
Tripler Army Medical Center	Honolulu	40	1,876,842	367	367	1,134.5	4,437	1,413	1,426	1,598
USA Field Station Kunia	Kunia	9	272,040	95	89	132.8	154	13	-	141
Waianae-Kai Military Reservation	Waianae	46	47,458	14	-	19.4	36	1	-	35
Waikakalaua Ammo Storage Tunnels	Schofield Barracks	49	104,236	314	314	41.2	-	-	-	-
Wheeler Army Airfield	Wahiawa	166	1,313,886	1,370	1,370	1,021.0	4,109	3,038	376	695
Army Guard		51	690,074	214	214	292.1	1,803	1,525	86	192
Kalaeloa	Kapolei	30	489,696	147	147	204.5	1,323	1,072	65	186
Regional Training Institute	Waimanalo	7	75,951	48	48	64.0	103	97	3	3
Tracking Station Waiawa Gulch	Pearl City	14	124,427	19	19	23.6	377	356	18	3
7 other Army sites 4/		19	105,058	23,397	49	46.8	275	268	4	3
Air Force total		503	5,454,950	3,972	3,020	3,931.1	7,951	6,593	1,329	29
Air Force Active		476	5,268,309	3,325	3,014	3,743.2	7,196	5,845	1,322	29
Bellows Air Force Station	Waimanalo	97	142,139	487	409	84.2	38	26	12	-
Hickam Air Force Base 5/	Hickam AFB	323	5,022,743	2,523	2,513	3,491.2	7,120	5,799	1,292	29
Hickam Petroleum Products Storage Annex	Wahiawa	19	10,657	151	92	89.1	-	-	-	-
Kaena Point Satellite Tracking Station	Haleiwa	25	69,531	153	-	62.5	20	2	18	-
Kokee Air Force Station	Kekaha	12	23,239	11	-	16.2	18	18	-	-
Air National Guard		4	31,016	11	-	18.0	175	175	-	-
Barking Sands Communication Station	Kekaha	4	31,016	11	-	18.0	175	175	-	-
15 other Air Force sites 4/		23	155,625	636	6	169.8	580	573	7	-

Continued on next page.

**Table 10.21-- SELECTED CHARACTERISTICS OF MILITARY INSTALLATIONS, BY SITE: SEPTEMBER 30, 2007 -- Con.**

Site	Name of nearest city	Buildings Owned 1/		Acreage		PRV 2/ (\$mil.)	Personnel			
		Number	Square feet	Total	Owned		Total	Military	Civilian	Other 3/
Marine Corps total		1,920	8,805,849	4,670	4,661	3,677.6	7,226	6,540	668	18
Marine Active		1,906	8,782,880	3,343	3,337	3,662.2	7,226	6,540	668	18
Marine Corps Base Camp Smith	Aiea	60	679,972	221	219	380.0	1,289	1,135	136	18
Marine Corps Base Hawaii Kaneohe	Kaneohe	1,819	7,838,409	2,955	2,951	3,209.8	5,937	5,405	532	-
Marine Corps Base Hawaii Pearl City Annex	Pearl City	6	207,120	27	27	44.0	-	-	-	-
Puuloa-Oahu	Ewa Beach	21	57,379	140	140	28.4	-	-	-	-
4 other Marine sites 4/		14	22,969	1,327	1,325	15.3	-	-	-	-
Navy total		3,807	17,457,780	32,391	28,102	12,483.9	22,789	14,442	8,344	3
Navy Active		3,792	17,402,608	30,983	27,885	12,440.8	22,789	14,442	8,344	3
Aiea	Aiea	20	33,843	99	96	205.5	-	-	-	-
CSO Barbers Point HI	Barbers Point	-	-	1,246	1,116	85.8	-	-	-	-
Ewa	Ewa Beach	1,896	3,367,047	3,144	3,130	964.6	-	-	-	-
Honolulu 5/	Pearl Harbor	135	1,132,440	620	616	1,443.9	-	-	-	-
Kalaeloa	Barbers Point	165	983,210	940	932	429.9	-	-	-	-
Kamokala Ridge	Kekaha	13	23,582	89	-	14.6	-	-	-	-
Kunia	Kunia	-	-	96	-	134.0	-	-	-	-
Makaha Ridge	Kokee	14	23,844	245	-	27.3	-	-	-	-
Naval Station Pearl Harbor 5/	Pearl Harbor	636	9,139,044	7,336	7,284	6,330.2	22,789	14,442	8,344	3
PACMISRANFAC Hawaiian Area	Kekaha	209	458,299	4,354	1,933	417.2	-	-	-	-
Pearl City	Pearl City	13	223,707	655	647	379.2	-	-	-	-
Red Hill	Honolulu	7	11,981	243	242	747.0	-	-	-	-
Wahiawa	Wahiawa	95	423,569	743	720	372.6	-	-	-	-
Waianae	Lualualei	431	1,099,201	9,229	9,228	611.1	-	-	-	-
Waikale	Waipahu	134	439,967	488	487	215.9	-	-	-	-
Waipahu	Waipahu	24	42,874	1,456	1,454	62.0	-	-	-	-
17 other Navy sites 4/		15	55,172	1,410	218	42.9	-	-	-	-

1/ This report also inventories leased buildings (16) and square footage (131,649) and other than owned or leased buildings (6,259) and square footage (22,384,253).

2/ PRV or plant replacement value represents the reported cost of replacing the facility and its supporting infrastructure using today's construction cost (labor and material) and standards (methodologies and codes).

3/ Other personnel include all known other civilian personnel identified for the site or installation, including personnel paid from Non-appropriated Funds, Foreign Nationals (direct hire) at foreign locations, and, if available, any full-time contractor personnel, regardless of Service affiliation.

4/ United States locations that do not meet criteria of at least 10 acres and at least \$10 million PRV (plant replacement value).

5/ Indicated realignment in the 2005 Defense Base Closure and Realignment Commission Final and Approved Recommendations Appendix Q Text.

Source: U.S. Department of Defense, Office of the Deputy Under Secretary of Defense (Installations & Environment), *Base Structure Report Fiscal Year 2008 Baseline*, (A Summary of DoD's Real Property Inventory) <[http://www.acq.osd.mil/ie/irm/irm\\_library/BSR2008Baseline.pdf](http://www.acq.osd.mil/ie/irm/irm_library/BSR2008Baseline.pdf)> accessed July 28, 2008 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.22-- MILITARY INSTALLATIONS BY COMPONENT AND SIZE FOR  
HAWAII AND THE UNITED STATES: SEPTEMBER 30, 2007**

Location and component	Total	Large 1/	Medium 2/	Small 3/	Other 4/
Hawaii	90	4	4	73	9
Army	28	1	2	24	1
Navy	33	1	2	23	7
Air Force	21	1	-	19	1
Marine Corps	8	1	-	7	-
United States	4,564	96	100	3,417	951
Army	1,884	37	29	1,315	503
Navy	955	18	26	632	279
Air Force	1,581	34	38	1,383	126
Marine Corps	130	7	5	75	43
Washington Headquarters Service	14	-	2	12	-
Hawaii as percent of the U.S.	2.0	4.2	4.0	2.1	0.9
Army	1.5	2.7	6.9	1.8	0.2
Navy	3.5	5.6	7.7	3.6	2.5
Air Force	1.3	2.9	0.0	1.4	0.8
Marine Corps	6.2	14.3	0.0	9.3	0.0

1/ A large installation has a total plant replacement value (PRV) greater than or equal to \$1.665 billion.

2/ A medium installation has a total plant replacement value (PRV) less than \$1.665 billion and greater than or equal to \$888 million.

3/ A small installation has a total plant replacement value (PRV) less than \$888 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 2008 Baseline*, pp. DOD-22 and 25 <[http://www.acq.osd.mil/ie/irm/irm\\_library/BSR2008Baseline.pdf](http://www.acq.osd.mil/ie/irm/irm_library/BSR2008Baseline.pdf)> accessed July 28, 2008 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.23-- HOUSING UNITS IN SELECTED MILITARY AREA  
CENSUS-DESIGNATED PLACES: 2000**

Geographic area	Housing units (count)
Total housing units	460,542
Ahuimanu CDP	2,681
Barbers Point Housing CDP	127
Hickam Housing CDP	1,718
Iroquois Point CDP	1,035
Kaneohe Station CDP	2,388
Schofield Barracks CDP	3,733
Wheeler AFB CDP	855

Source: U.S. Census Bureau, Census 2000 U.S. Housing Unit Count - Hawaii  
<<http://quickfacts.census.gov/hunits/states/15000.html>> accessed August 13, 2002.

**Table 10.24-- MILITARY HOUSING PRIVATIZATION INITIATIVE PROJECTS:  
AUGUST 2008**

[The MHPI is a 50-year public-private partnership as authorized under the National Defense Authorization Act for Fiscal Year 1996 to facilitate upgrade and maintenance of the inventory of military housing units]

<b>Component and location</b>	<b>Total</b>	<b>New homes</b>	<b>Renovated homes</b>
<b>Total dwelling units</b>	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 10.25-- MILITARY MONTHLY BASIC ALLOWANCES FOR HOUSING  
RATES, BY COUNTY: 2009**

[In dollars. For fiscal year ending September 30. 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 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. Basic Allowances for Housing rates are then calculated for each pay grade, with and without dependents]

Code 1/	With dependents				Without dependents			
	Maui County	Honolulu County	Hawaii County	Kauai County	Maui County	Honolulu County	Hawaii County	Kauai County
E01	1,911	1,949	1,549	1,734	1,463	1,555	1,162	1,333
E02	1,911	1,949	1,549	1,734	1,463	1,555	1,162	1,333
E03	1,911	1,949	1,549	1,734	1,463	1,555	1,162	1,333
E04	1,911	1,949	1,549	1,734	1,463	1,555	1,162	1,333
E05	1,974	2,043	1,598	1,856	1,722	1,757	1,355	1,521
E06	2,166	2,274	1,901	2,187	1,857	1,868	1,508	1,640
E07	2,235	2,403	1,950	2,208	1,916	1,955	1,553	1,743
E08	2,310	2,545	2,003	2,231	2,012	2,088	1,657	1,921
E09	2,408	2,745	2,091	2,341	2,072	2,160	1,752	2,024
W01	2,167	2,276	1,902	2,188	1,887	1,913	1,531	1,688
W02	2,265	2,461	1,971	2,218	2,011	2,087	1,656	1,920
W03	2,357	2,633	2,036	2,246	2,077	2,167	1,761	2,034
W04	2,428	2,788	2,113	2,378	2,183	2,306	1,913	2,192
W05	2,510	2,967	2,201	2,531	2,251	2,434	1,961	2,213
O01E	2,249	2,431	1,960	2,213	1,974	2,043	1,598	1,856
O02E	2,343	2,607	2,026	2,241	2,058	2,144	1,730	2,001
O03E	2,440	2,816	2,126	2,402	2,166	2,274	1,901	2,187
O01	1,996	2,069	1,632	1,894	1,848	1,855	1,501	1,612
O02	2,162	2,269	1,894	2,180	1,953	2,011	1,581	1,814
O03	2,354	2,627	2,034	2,244	2,097	2,191	1,792	2,068
O04	2,544	3,043	2,239	2,596	2,242	2,416	1,954	2,210
O05	2,677	3,334	2,383	2,845	2,287	2,502	1,987	2,224
O06	2,699	3,361	2,403	2,868	2,357	2,633	2,036	2,246
O07	2,731	3,401	2,431	2,902	2,404	2,686	2,077	2,290

1/ E indicates enlisted; W, warrant officer; OE, commissioned officer with more than 4 years active duty service as an enlisted member or Warrant Officer; and O, officer. The number indicates the grade. The higher number the higher the rank.

Source: U.S. Department of Defense, Per Diem, Travel and Transportation Allowance Committee, "Basic Allowance for Housing (BAH) UPDATED: 15-DEC-2008" <<http://perdiem.hqda.pentagon.mil/perdiem/bah.html>>, <<http://www.perdiem.osd.mil/bah/acrobat/2009/FINAL%202009%20With%20BAH%20Rates.pdf>> and <<http://www.perdiem.osd.mil/bah/acrobat/2009/FINAL%202009%20Without%20BAH%20Rates.pdf>> accessed December 15, 2008.

**Table 10.26-- VETERAN STATUS OF CIVILIANS 17 YEARS AND OVER:  
1980, 1990, 2000 TO 2008**

[As of April 1 for 1980, 1990, and 2000 unless otherwise noted for civilian and veteran population. July 1 for civilian population and September 30 for veteran population thereafter unless otherwise noted. Civilian population 17 and over unless otherwise noted. Estimates for 2001 to 2006 revised]

<b>Veteran status</b>	<b>1980 1/</b>	<b>1990 1/</b>	<b>2000 1/</b>	<b>2000 2/</b>	<b>2000 3/</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Civilian population	665,036	801,517	878,220	889,003	889,240	900,206	910,003	920,431	942,039	951,248	962,038	972,493	982,065
Male	(NA)	(NA)	422,566	427,314	427,505	434,434	439,451	443,200	456,869	461,820	467,855	473,286	478,346
Female	(NA)	(NA)	455,654	461,689	461,735	465,772	470,552	477,231	485,170	489,428	494,183	499,207	503,719
Veterans	103,774	119,256	120,587	121,000	121,000	120,000	120,000	120,000	120,000	119,000	119,000	119,000	118,000
Male veterans	98,633	112,011	111,431	111,000	111,000	111,000	110,000	110,000	109,000	109,000	108,000	108,000	107,000
Female veterans	5,141	7,245	9,156	9,000	9,000	9,000	10,000	10,000	10,000	11,000	11,000	11,000	11,000
War veterans 4/	85,322	87,301	(NA)	92,000	92,000	91,000	90,000	90,000	89,000	89,000	89,000	89,000	88,000
Persian Gulf War 5/	(X)	(X)	(NA)	18,000	19,000	20,000	21,000	23,000	25,000	27,000	29,000	31,000	33,000
Vietnam era	38,136	41,860	41,630	42,000	41,000	41,000	40,000	40,000	39,000	38,000	38,000	37,000	37,000
Korean conflict	22,351	22,362	18,000	18,000	18,000	17,000	17,000	16,000	16,000	15,000	15,000	14,000	13,000
World War II	32,156	30,187	22,561	23,000	22,000	21,000	19,000	18,000	17,000	15,000	14,000	13,000	11,000
World War I	854	132	(6/)	(6/)	(6/)	(6/)	(6/)	(6/)	(6/)	(6/)	-	-	-
Peacetime only	18,452	31,955	(NA)	29,000	29,000	29,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Nonveterans	561,262	682,261	757,633	768,000	769,000	780,000	790,000	801,000	823,000	832,000	843,000	854,000	864,000

NA Not available.

X Not applicable.

1/ Civilian population 16 years and over for 1980 and 1990, and 18 years and over for 2000.

2/ Civilian population 17 years.

3/ Civilian population 17 years and over as of July 1 and veteran population as of September 30.

4/ Detail adds to more than subtotal because some veterans served in more than one war.

5/ Service from August 2, 1990 to the present.

6/ Fewer than 100.

Source: Hawaii State Department of Defense, Office of Veterans Affairs, records; U.S. Census Bureau, *1980 Census of Population, PC80-1-D13*, table 204; *1990 Census of Population, Social and Economic Characteristics, Hawaii, 1990 CP-2-13* (Sept. 1993), table 23; 1990 Census of Population tapes tabulated by Hawaii State Data Center; U.S. Census Bureau, Population Division, "State Single Year of Age and Sex Population Estimates: April 1, 2000 to July 1, 2008 - Civilian" (released May 14, 2009) <<http://www.census.gov/popest/states/asrh/>> accessed May 18, 2009; U.S. Department of Veterans Affairs, Census 2000 Veteran Data, "Sex by Age by Armed Forces Status by Veteran Status for the Population 18 Years and Over" <<http://www1.va.gov/vetdata/docs/agesexdata.xls>> accessed March 13, 2009; *Ibid.* "Period of Service, by State" <<http://www1.va.gov/vetdata/page.cfm?pg=1>> accessed March 13, 2009; U.S. Department of Veterans Affairs, Demographics, Veteran Population 2007, VetPop2007 State Tables, Table 2L: Veterans by State, Period, Age Group, Gender, 2000-2036" accessed February 20, 2009; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.27-- ARMED FORCES STATUS, BY VETERAN STATUS, BY SEX AND AGE FOR THE POPULATION 18 YEARS AND OVER: 2000**

[As of April 1]

Characteristic	Hawaii	United States	Hawaii as percent of U.S.
Total	917,212	209,279,149	0.44
18 to 64 years	756,071	174,300,177	0.43
In Armed Forces	38,992	1,148,797	3.39
Civilian:	717,079	173,151,380	0.41
Veteran	79,828	16,740,194	0.48
Nonveteran	637,251	156,411,186	0.41
65 years and over	161,141	34,978,972	0.46
In Armed Forces	-	-	-
Civilian:	161,141	34,978,972	0.46
Veteran	40,759	9,663,509	0.42
Nonveteran	120,382	25,315,463	0.48
Male	456,895	100,909,272	0.45
18 to 64 years	385,282	86,526,902	0.45
In Armed Forces	34,329	985,393	3.48
Civilian:	350,953	85,541,509	0.41
Veteran	72,148	15,494,594	0.47
Nonveteran	278,805	70,046,915	0.40
65 years and over	71,613	14,382,370	0.50
In Armed Forces	-	-	-
Civilian:	71,613	14,382,370	0.50
Veteran	39,283	9,315,855	0.42
Nonveteran	32,330	5,066,515	0.64
Female	460,317	108,369,877	0.42
18 to 64 years	370,789	87,773,275	0.42
In Armed Forces	4,663	163,404	2.85
Civilian:	366,126	87,609,871	0.42
Veteran	7,680	1,245,600	0.62
Nonveteran	358,446	86,364,271	0.42
65 years and over	89,528	20,596,602	0.43
In Armed Forces	-	-	-
Civilian:	89,528	20,596,602	0.43
Veteran	1,476	347,654	0.42
Nonveteran	88,052	20,248,948	0.43

Source: U.S. Department of Veterans' Affairs, "Sex by Age by Armed Forces Status by Veteran Status for the Population 18 Years and Over"

<<http://www.va.gov/vetdata/Census2000/CenData/agesexdata.xls>> accessed June 23, 2004 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.28-- DISTRIBUTION OF VETERANS AFFAIRS POPULATION  
AND EXPENDITURES, BY COUNTY: 2006 TO 2008**

[In number of persons and thousands of dollars. Fiscal year ending September 30.  
2006 and 2007 revised by source]

<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>2006</b>						
Veteran population 1/	102,396	13,966	72,584	6	5,405	10,435
Total expenditure	316,611	50,231	216,504	2	13,346	27,178
Compensation & pension 2/	166,623	27,890	116,514	-	6,658	15,561
Education & vocational rehab	20,158	921	18,632	-	215	391
Medical expenditures 3/	104,513	19,275	69,899	1	5,667	9,671
Insurance & indemnities	15,559	2,145	11,051	1	807	1,555
Construction & related costs	407	-	407	-	-	-
General operating expenses	9,350	-	9,350	-	-	-
<b>2007</b>						
Veteran population 1/	118,633	16,156	84,752	7	6,153	11,566
Total expenditure	336,292	51,819	242,620	-	13,604	28,249
Compensation & pension 2/	174,876	28,688	122,438	-	6,944	16,807
Education & vocational rehab	20,931	1,102	19,204	-	146	479
Medical care 3/	117,122	20,517	80,703	-	5,861	10,041
Insurance & indemnities	13,195	1,512	10,108	-	653	923
Construction	414	-	414	-	-	-
General operating expenses	9,753	-	9,753	-	-	-
<b>2008</b>						
Veteran population 1/	118,017	16,135	84,025	7	6,218	11,633
Total expenditure	368,899	54,950	267,191	-	14,805	31,953
Compensation & pension 2/	197,498	31,530	139,084	-	7,807	19,078
Education & vocational rehab	19,602	1,115	17,795	-	218	475
Medical care 3/	126,747	20,836	87,864	-	6,512	11,534
Insurance & indemnities	11,577	1,468	8,975	-	268	866
Construction	1,150	-	1,150	-	-	-
General operating expenses	12,324	-	12,324	-	-	-

1/ Veteran population estimated as of September 30. Source obtained data from Office of the Actuary, Department of Veterans Affairs (VetPop04 for 2006 and VetPop07 for 2007 and 2008).

2/ Includes expenditures for veterans' compensation for service-connected disability; dependency and indemnity compensation for service-connected deaths; veterans' pension for nonservice-connected disabilities; and, in 2006 and 2007, for pension to veterans' surviving spouse and children; but in 2008, for burial and other benefits to veterans and their survivors.

3/ 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. 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, Veteran Data & Information, Expenditure Data by Locality, Geographic Distribution of VA Expenditures (GDX) (annual)  
<<http://www1.va.gov/vetdata/page.cfm?pg=3>> accessed June 30, 2009.

**Table 10.29-- MILITARY RETIREMENT SYSTEM: 2008**

[As of September 30]

Category	Number of personnel		Monthly payment 2/ (\$1,000)	Average payment per person paid (dollars)
	Retired 1/	Paid by DOD		
Department of Defense	15,832	14,944	30,421	2,036
By branch of service 3/				
Army	5,767	5,373	10,353	1,927
Navy	4,581	4,366	9,299	2,130
Marine Corps	1,011	927	2,248	2,425
Air Force	4,473	4,278	8,522	1,992
Exhibit: Coast Guard 3/	332	321	(NA)	(NA)
By rank				
Officers	4,493	4,455	14,312	3,213
Nondisabled and reserve	4,348	4,329	13,998	3,234
Disabled	145	126	314	2,492
Enlisted	11,339	10,489	16,109	1,536
Nondisabled and reserve	10,464	10,078	15,713	1,559
Disabled	875	411	396	964
Department of Defense, over 65	6,928	6,411	13,198	2,059
By branch of service 3/				
Army	2,942	2,731	5,109	1,871
Navy	1,557	1,418	3,324	2,344
Marine Corps	366	340	903	2,656
Air Force	2,063	1,922	3,862	2,009
Exhibit: Coast Guard 3/	139	133	(NA)	(NA)
By rank				
Officers	2,288	2,264	7,077	3,126
Nondisabled and reserve	2,218	2,199	6,880	3,129
Disabled	70	65	197	3,031
Enlisted	4,640	4,147	6,122	1,476
Nondisabled and reserve	4,399	4,021	5,960	1,482
Disabled	241	126	162	1,286

Continued on next page.

**Table 10.29-- MILITARY RETIREMENT SYSTEM: 2008 -- Con.**

<b>Category</b>	<b>Number retired</b>	<b>Monthly payment 2/ (\$1,000)</b>	<b>Average payment per person paid (dollars)</b>
Department of Defense, concurrent receipt	2,045	2,173	1,063
Concurrent Retirement & Disability Pay	1,541	1,648	1,069
Nondisabled	1,388	1,457	1,050
Disabled	96	139	1,448
Reserve	57	52	912
Combat Related Special Compensation	504	525	1,042
Nondisabled	417	456	1,094
Disabled	30	40	1,333
Reserve	57	29	509
Military survivors, by branch of servicemember 3/			
Receiving pay 4/	2,039	2,122	1,041
Army	1,067	1,031	966
Navy	442	506	1,145
Marine Corps	99	127	1,283
Air Force	431	457	1,060
Exhibit: Coast Guard 3/	28	(NA)	(NA)
Over 65 receiving pay 4/	1,716	1,846	1,076
Army	906	905	999
Navy	381	454	1,192
Marine Corps	71	93	1,310
Air Force	358	393	1,098
Exhibit: Coast Guard 3/	23	(NA)	(NA)

NA Not available.

1/ Number retired includes, in addition to "number paid by DOD", retirees whose net pay is zero or less after any survivor benefit premium deductions and/or various other offsets such as Veterans Administration payments.

2/ The monthly amount of payment (net pay) is before deductions for withholding taxes and allotments, but after deductions for survivor benefits, waivers to obtain benefits from the Veterans Administration.

3/ Payments made by the U.S. Department of Transportation, shown for informational purposes only, and not included in the Department of Defense totals.

4/ Under the Retired Servicemen's Family Protection Plan or the Survivor Benefit Plan. Families of deceased members enrolled in both plans are counted only once. Children of the same deceased member receiving separate benefits are counted individually. Some survivors whose pay has been suspended are included.

Source: U.S. Department of Defense, Office of the Actuary, *Fiscal Year 2008 DOD Statistical Report on the Military Retirement System* (May 2009) pp. 25-29 and 198-199 <<http://www.defenselink.mil/actuary/>> accessed June 26, 2009 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: 2009* presents comparable national data.

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

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

Narrative

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**Number**   **Table Name**

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**Table 11.01-- TEMPORARY ASSISTANCE TO NEEDY FAMILIES,  
AVERAGE MONTHLY, BY ISLAND: 2003 TO 2008**

[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
2003								
Cases	10,269	6,821	2,111	483	854	(NA)	743	111
Recipients	26,960	18,100	5,515	1,198	2,147	(NA)	1,868	279
Expenditures 1/	5,294	3,540	1,099	230	425	(NA)	369	56
2004								
Cases	9,336	6,081	2,005	430	820	(NA)	715	105
Recipients	23,921	15,780	5,085	1,027	2,029	(NA)	1,773	256
Expenditures 1/	4,807	3,161	1,041	205	400	(NA)	348	52
2005								
Cases	8,523	5,547	1,855	351	770	(NA)	666	104
Recipients	21,549	14,176	4,671	820	1,882	(NA)	1,625	257
Expenditures 1/	4,421	2,892	977	173	379	(NA)	326	53
2006								
Cases	7,301	4,818	1,562	310	611	(NA)	502	109
Recipients	18,124	12,077	3,875	716	1,456	(NA)	1,186	270
Expenditures 1/	3,791	2,500	826	157	308	(NA)	251	57
2007								
Cases	6,569	4,284	1,433	278	574	(NA)	471	103
Recipients	16,079	10,574	3,514	637	1,354	(NA)	1,098	256
Expenditures 1/	3,387	2,204	751	145	287	(NA)	234	54
2008								
Cases	5,951	3,810	1,381	241	519	(NA)	435	84
Recipients	14,461	9,314	3,398	537	1,212	(NA)	1,009	203
Expenditures 1/	3,420	2,189	812	135	284	(NA)	236	48

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: 2003 TO 2008**

[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
2003								
Cases	4,093	2,932	714	168	279	(NA)	192	87
Recipients	16,207	11,488	2,846	704	1,169	(NA)	801	368
Expenditures 1/	2,041	1,445	368	89	139	(NA)	97	42
2004								
Cases	3,579	2,591	626	119	243	(NA)	167	76
Recipients	13,844	9,869	2,473	490	1,012	(NA)	682	330
Expenditures 1/	1,743	1,252	315	58	118	(NA)	81	37
2005								
Cases	3,107	2,291	552	81	183	(NA)	128	55
Recipients	11,833	8,587	2,179	315	752	(NA)	525	227
Expenditures 1/	1,538	1,121	290	40	87	(NA)	62	25
2006								
Cases	2,536	1,952	414	52	118	(NA)	74	44
Recipients	9,383	7,123	1,615	193	452	(NA)	284	168
Expenditures 1/	1,299	990	225	26	58	(NA)	35	23
2007								
Cases	2,407	1,831	416	48	112	(NA)	71	41
Recipients	8,731	6,498	1,628	180	425	(NA)	270	155
Expenditures 1/	1,202	902	223	25	52	(NA)	31	21
2008								
Cases	2,394	1,767	450	49	128	(NA)	79	49
Recipients	8,522	6,200	1,677	167	478	(NA)	287	191
Expenditures 1/	1,337	983	258	29	68	(NA)	39	29

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 2008**

[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	47,545	30,868	10,562	2,148	3,968	71	3,313	584

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 2008**

[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

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: 1986 TO 2008**

[In dollars. Fiscal year ending June 30]

Year	State	Oahu	Hawaii	Kauai	Maui County			
					County total	Lanai	Maui	Molokai
1986	90,431,081	59,584,164	19,178,743	4,523,409	7,144,765	126,266	5,046,328	1,972,171
1987	86,590,419	56,916,991	19,025,062	4,118,900	6,529,466	91,545	4,440,672	1,997,249
1988	79,945,261	53,120,868	17,701,927	3,362,595	5,759,871	62,111	3,844,355	1,853,405
1989	74,533,213	49,550,098	16,722,757	3,006,023	5,254,335	32,933	3,667,459	1,553,943
1990	78,997,519	52,750,217	17,526,168	3,232,313	5,488,821	39,855	3,825,847	1,623,119
1991	94,473,871	63,485,005	20,541,064	4,042,598	6,405,204	64,878	4,574,468	1,765,858
1992	112,329,644	74,283,762	24,838,847	5,156,483	8,050,552	94,856	5,742,270	2,213,426
1993	126,788,607	82,450,018	28,538,846	5,824,432	9,975,311	146,194	7,400,324	2,428,793
1994	147,149,411	95,823,731	32,943,774	6,739,307	11,642,599	154,603	9,055,336	2,432,660
1995	171,641,900	111,603,705	37,840,508	8,411,516	13,786,171	155,076	10,998,797	2,632,298
1996	191,796,701	123,903,621	42,338,840	9,872,685	15,681,555	153,647	12,831,574	2,696,334
1997	193,487,005	125,414,180	42,071,872	10,367,997	15,632,956	171,979	12,749,822	2,711,155
1998	179,727,944	114,359,271	40,461,179	10,057,307	14,850,187	167,244	11,845,597	2,837,346
1999	178,991,763	115,489,788	39,208,297	9,841,805	14,451,873	173,891	11,697,878	2,580,104
2000	170,853,433	112,594,795	36,414,365	8,843,294	13,000,979	137,714	10,493,178	2,370,087
2001	153,082,202	101,678,549	32,812,572	7,577,344	11,013,737	124,481	8,640,495	2,248,761
2002	150,829,817	99,686,498	32,276,917	7,889,448	10,976,954	75,379	8,612,864	2,288,711
2003	(NA)	101,273,319	32,790,493	8,020,735	(NA)	(NA)	9,711,591	2,420,644
2004	153,362,400	100,264,401	33,130,628	7,611,329	12,356,042	139,841	9,868,558	2,347,643
2005	155,816,670	102,596,550	33,429,264	7,256,262	12,534,594	152,091	10,067,348	2,315,155
2006	149,936,273	99,663,072	31,752,570	6,894,578	11,626,053	168,128	9,248,983	2,208,942
2007	154,721,201	101,634,975	33,721,286	6,963,404	12,401,536	173,526	9,875,521	2,352,489
2008	175,708,471	112,427,316	40,485,935	7,675,230	15,119,990	232,000	12,180,004	2,707,986

NA Not available.

Source: Hawaii State Department of Human Services, Research, *A Statistical Report on Welfare in Hawaii* (annual) and records.

**Table 11.06-- RETIREMENT, SURVIVORS AND DISABILITY INSURANCE  
(OASDI) BENEFICIARIES IN CURRENT-PAYMENT STATUS, BY AGE,  
RACE, AND SEX: 2005 TO 2007**

[December data. Based on 10-percent samples]

Age, race, and sex	2005	2006	2007
Age	202,890	204,207	207,992
17 or under	11,000	11,266	11,236
18 to 54	12,890	12,754	12,772
55 to 61	7,450	7,475	7,761
62 to 64	17,050	17,927	18,482
65 to 69	38,690	39,774	41,197
70 to 74	35,310	34,375	34,610
75 to 79	33,070	32,072	31,693
80 to 84	26,200	26,043	26,366
85 to 89	13,700	14,905	15,747
90 to 99	7,280	7,410	7,912
100 or older	250	206	216
Race 1/	202,890	204,207	207,992
White	56,150	57,703	59,253
Black	2,150	2,270	2,329
Other 2/	143,640	143,391	145,592
Adult beneficiaries	189,300	190,402	194,185
Men	84,050	84,641	86,472
Women	105,250	105,761	107,713

1/ Includes persons of unknown race.

2/ Includes Asians and Pacific Islanders, American Indians and Alaska Natives, and a subset of the total number of beneficiaries of Hispanic origin. The distribution of beneficiaries among those three groups is not available.

Source: U.S. Social Security Administration, Office of Policy Data, *Annual Statistical Supplement* (annual), tables 5.J5 and 5.J5.1.

<<http://www.ssa.gov/policy/docs/statcomps/supplement/2008/5j.html>> accessed June 18, 2009.

**Table 11.07-- RETIREMENT, SURVIVORS AND DISABILITY INSURANCE (OASDI) BENEFICIARIES AND BENEFITS IN CURRENT-PAYMENT STATUS, BY TYPE OF BENEFIT: 2006 AND 2007**

[December data. Based on 10-percent samples]

Type of benefit	Number of OASDI beneficiaries		Amount of monthly benefits (\$1,000)	
	2006 1/	2007	2006	2007
Retirement	204,207	207,992	197,311	207,882
Retired workers	146,599	149,938	151,357	159,927
Spouses	8,560	8,300	4,122	4,117
Children	3,131	3,096	1,574	1,629
Survivors	21,983	21,910	19,522	20,106
Widow(er)s and parents	15,640	15,601	15,035	15,519
Children	6,343	6,309	4,487	4,587
Disability	23,934	24,748	20,735	22,102
Disabled workers	19,203	19,938	19,334	20,639
Spouses	400	408	103	108
Children	4,331	4,402	1,298	1,355
Age 65 and over	154,785	157,741	155,836	164,388
Men	67,216	68,534	75,782	79,887
Women	87,569	89,207	80,054	84,501

1/ Includes special age-72 beneficiaries.

Source: U.S. Social Security Administration, Office of Policy, *Annual Statistical Supplement* (annual), tables 5.J2, 5.J3 and 5.J4.

<<http://www.ssa.gov/policy/docs/statcomps/supplement/2008/5j.html>> accessed June 18, 2009.

**Table 11.08-- RETIREMENT, SURVIVORS AND DISABILITY INSURANCE (OASDI)  
BENEFICIARIES IN CURRENT-PAYMENT STATUS, BY COUNTY: DECEMBER 2007**

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/	207,992	149,938	8,300	3,096	15,601	6,309	19,938	408	4,402	68,534	89,207
Hawaii	30,790	20,650	1,065	480	2,315	1,015	4,200	70	995	9,810	11,380
Honolulu	145,150	106,550	6,140	2,130	10,955	4,235	12,200	280	2,660	48,315	64,790
Kauai	11,045	8,010	420	175	845	330	1,020	20	225	3,705	4,610
Maui	21,005	14,725	675	310	1,485	730	2,515	40	525	6,705	8,425

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, 2007, table 4* <[http://www.ssa.gov/policy/docs/statcomps/oasdi\\_sc/2007/hi.html](http://www.ssa.gov/policy/docs/statcomps/oasdi_sc/2007/hi.html)> accessed April 24, 2009.

**Table 11.09-- RETIREMENT, SURVIVORS AND DISABILITY INSURANCE (OASDI)  
BENEFITS IN CURRENT-PAYMENT STATUS, BY COUNTY: DECEMBER 2007**

[In thousands of dollars]

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/	207,882	159,927	4,117	1,629	15,519	4,587	20,639	108	1,355	79,887	84,501
Hawaii	30,216	21,766	542	248	2,314	699	4,345	21	281	11,390	10,634
Honolulu	145,591	114,120	3,018	1,112	10,841	3,098	12,509	72	826	56,400	61,533
Kauai	10,958	8,401	211	97	845	253	1,073	4	73	4,257	4,283
Maui	21,115	15,642	344	173	1,520	536	2,716	10	174	7,838	8,051

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, 2007, table 5* <[http://www.ssa.gov/policy/docs/statcomps/oasdi\\_sc/2007/hi.html](http://www.ssa.gov/policy/docs/statcomps/oasdi_sc/2007/hi.html)> accessed April 24, 2009.

**Table 11.10-- NUMBER AND PERCENT RECEIVING RETIREMENT,  
SURVIVORS AND DISABILITY INSURANCE (OASDI) BENEFITS:  
DECEMBER 2007**

<b>Comparison</b>	<b>Total population</b>		<b>Aged 65 or older</b>	
	<b>Number (1,000) 1/</b>	<b>Percentage receiving benefits</b>	<b>Number (1,000) 1/</b>	<b>Percentage receiving benefits</b>
United States	301,621	16.1	37,888	90.4
Hawaii	1,283	16.2	184	85.7

1/ Population estimates for the United States as of July 1, 2007, 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, 2007, table 1*

<[http://www.ssa.gov/policy/docs/statcomps/oasdi\\_sc/2007/table01.html](http://www.ssa.gov/policy/docs/statcomps/oasdi_sc/2007/table01.html)> accessed April 24, 2009.

**Table 11.11-- SOCIAL SECURITY BENEFICIARIES AND BENEFITS PAID:  
1991 TO 2007**

[December data. Based on 10-percent samples]

<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

1/ Includes special age-72 beneficiaries., except for 2007.

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/2008/5j.html>> accessed June 18, 2009.

**Table 11.12-- MEDICARE BENEFICIARIES ENROLLED: 2005 to 2006**

[As of July]

Coverage	All persons		Persons 65 and over	
	2005	2006	2005	2006
Hospital (Part A) and/or supplementary medical insurance (Part B)	179,649	184,344	160,103	164,043
Hospital insurance (Part A and B, and Part A only)	178,760	183,606	159,215	163,308
Hospital insurance (Part A only)	12,866	13,694	10,548	11,219
Supplementary medical insurance (Part A and B, and Part B only)	166,783	170,650	149,555	152,824
Supplementary medical insurance (Part B only)	889	738	888	735
Hospital (Part A) and supplementary medical insurance (Part B)	165,894	169,912	148,667	152,089

Source: U.S. Department of Health and Human Services, Centers for Medicare and Medicaid Services <<http://www.cms.hhs.gov/MedicareEnrpts>> accessed July 20, 2009; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**TABLE 11.13-- DISABILITY STATUS AND NUMBER OF PERSONS  
WITH A DISABILITY, FOR THE STATE AND OAHU: 2007**

[Excludes the population living in institutions, college dormitories, and other group quarters.  
Data are based on a sample, the confidence interval is 90 percent]

Disability Status	State				Oahu			
	Male		Female		Male		Female	
	Number	%	Number	%	Number	%	Number	%
Age 5 years and over	562,693		587,143		387,658		411,752	
With any disability	76,788	13.6	79,187	13.5	51,620	13.3	55,405	13.5
With a sensory disability	26,266	4.7	21,362	3.6	17,647	4.6	14,673	3.6
With a physical disability	42,854	7.6	53,838	9.2	27,804	7.2	38,940	9.5
With a mental disability	30,264	5.4	27,478	4.7	19,755	5.1	19,306	4.7
With a self-care disability	14,063	2.5	16,499	2.8	8,960	2.3	12,112	2.9
With a go-outside-home dis.	22,555	4.0	29,806	5.1	15,061	3.9	23,089	5.6
With an employment dis.	23,219	4.1	18,727	3.2	15,240	3.9	12,543	3.0
Age 5 to 15 years	85,793		79,621		59,526		54,982	
With any disability	4,712	5.5	2,737	3.4	3,182	5.3	1,863	3.4
With a sensory disability	401	0.5	729	0.9	379	0.6	624	1.1
With a physical disability	765	0.9	379	0.5	637	1.1	115	0.2
With a mental disability	3,869	4.5	2,005	2.5	2,430	4.1	1,276	2.3
With a self-care disability	620	0.7	99	0.1	363	0.6	78	0.1
Age 16 to 20 years	40,680		37,879		29,605		25,427	
With any disability	2,153	5.3	1,253	3.3	1,302	4.4	457	1.8
With a sensory disability	289	0.7	753	2.0	235	0.8	191	0.8
With a physical disability	580	1.4	303	0.8	361	1.2	249	1.0
With a mental disability	1,437	3.5	622	1.6	825	2.8	364	1.4
With a self-care disability	413	1.0	227	0.6	257	0.9	210	0.8
With a go-outside-home dis.	619	1.5	281	0.7	419	1.4	264	1.0
With an employment dis.	1,081	2.7	172	0.5	767	2.6	73	0.3
Age 21 to 64 years	357,536		367,938		242,272		256,061	
With any disability	39,961	11.2	36,188	9.8	25,610	10.6	24,070	9.4
With a sensory disability	12,142	3.4	7,525	2.0	7,303	3.0	4,815	1.9
With a physical disability	21,330	6.0	22,185	6.0	12,649	5.2	14,778	5.8
With a mental disability	14,639	4.1	10,849	2.9	9,361	3.9	7,118	2.8
With a self-care disability	6,364	1.8	5,258	1.4	3,812	1.6	3,618	1.4
With a go-outside-home dis.	10,756	3.0	8,484	2.3	6,534	2.7	6,159	2.4
With an employment dis.	22,138	6.2	18,555	5.0	14,473	6.0	12,470	4.9

Continued on next page.

**TABLE 11.13-- DISABILITY STATUS AND NUMBER OF PERSONS WITH A DISABILITY, FOR THE STATE AND OAHU: 2007 -- Con.**

Disability Status	State				Oahu			
	Male		Female		Male		Female	
	Number	%	Number	%	Number	%	Number	%
65 to 74 years	40,187		47,000		28,098		34,155	
With any disability	11,116	27.7	11,272	24.0	8,438	30.0	8,024	23.5
With a sensory disability	4,037	10.0	3,047	6.5	3,158	11.2	1,782	5.2
With a physical disability	7,112	17.7	8,408	17.9	5,375	19.1	6,467	18.9
With a mental disability	2,864	7.1	2,879	6.1	1,963	7.0	2,389	7.0
With a self-care disability	1,221	3.0	2,184	4.6	763	2.7	1,433	4.2
With a go-outside-home dis.	2,489	6.2	4,330	9.2	1,819	6.5	3,704	10.8
75 years and over	38,497		54,705		28,157		41,127	
With any disability	18,846	49.0	27,737	50.7	13,088	46.5	20,991	51.0
With a sensory disability	9,397	24.4	9,308	17.0	6,572	23.3	7,261	17.7
With a physical disability	13,067	33.9	22,563	41.2	8,782	31.2	17,331	42.1
With a mental disability	7,455	19.4	11,123	20.3	5,176	18.4	8,159	19.8
With a self-care disability	5,445	14.1	8,731	16.0	3,765	13.4	6,773	16.5
With a go-outside-home dis.	8,691	22.6	16,711	30.5	6,289	22.3	12,962	31.5

Source: U.S. Census Bureau, 2007 American Community Survey 1-Year Estimates.  
 <[http://factfinder.census.gov/home/saff/main.html?\\_lang=en](http://factfinder.census.gov/home/saff/main.html?_lang=en)> accessed May 14, 2009. Calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 11.14-- PERSONS SERVED BY STATE HOMELESS PROGRAMS,  
BY COUNTY: 2003 TO 2008**

[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>
2003					
Total	11,676	7,810	1,624	1,661	581
Outreach (unsheltered) 1/	5,864	3,626	928	765	545
Stipend (sheltered)	5,812	4,184	696	896	36
2004					
Total	13,487	8,836	2,078	1,858	715
Outreach (unsheltered)	7,776	4,833	1,418	870	655
Stipend (sheltered)	5,711	4,003	660	988	60
2005					
Total	15,059	9,875	2,090	2,293	801
Outreach (unsheltered)	9,174	5,768	1,573	1,099	734
Stipend (sheltered)	5,885	4,107	517	1,194	67
2006					
Total	15,918	10,118	2,446	2,547	807
Outreach (unsheltered)	9,876	5,858	1,938	1,340	740
Stipend (sheltered)	6,042	4,260	508	1,207	67
2007					
Total	20,877	13,964	2,785	3,165	963
Outreach (unsheltered)	13,422	8,334	2,245	1,930	913
Stipend (sheltered)	7,455	5,630	540	1,235	50
2008					
Total	23,426	16,666	1,982	3,803	975
Outreach (unsheltered)	14,966	10,406	1,270	2,583	707
Stipend (sheltered)	8,460	6,260	712	1,220	268

1/ Data from agency reports.

Source: Hawaii State Department of Human Services, Hawaii Public Housing Authority, records.

**Table 11.15-- CHARACTERISTICS OF NEW CLIENTS ENTERING THE  
STATE HOMELESS OUTREACH PROGRAMS: 2005 TO 2008**

[Year ending June 30]

Subject	Participants			
	2005	2006	2007	2008
State	9,174	9,876	13,422	14,966
City & County of Honolulu	5,768	5,858	8,334	10,406
Hawaii	1,573	1,938	2,245	1,270
Maui	1,099	1,340	1,930	2,583
Kauai	734	740	913	707
Children	2,488	2,400	3,130	2,723
Adults	6,686	7,476	10,292	12,243
Families	1,045	1,035	1,394	1,203
Age	9,174	9,876	13,422	14,966
Children	2,488	2,400	2,904	2,723
Under 1	47	69	91	51
1 to 5	721	765	991	844
6 to 12	873	831	1,109	924
13 to 17	544	518	713	595
Over 17	180	125	(X)	244
Unknown	123	92	(X)	65
Adults	6,686	7,476	9,863	12,243
Under 18	42	57	(X)	97
18 to 29	1,350	1,406	1/ 2,259	2,040
30 to 39	1,527	1,721	2/ 5,315	2,341
40 to 49	2,090	2,323	(X)	3,402
50 to 59	1,151	1,400	3/ 1,844	2,351
60 or over	364	402	4/ 445	748
Unknown	162	167	(X)	1,264
Unknown 5/	285	259	655	1,329
Gender	9,174	9,876	13,422	14,966
Children	2,488	2,400	3,130	2,723
Male	1,306	1,242	1,641	1,444
Female	1,181	1,158	1,489	1,279
Transgender	-	-	-	-
Unknown	1	-	-	-
Adults	6,686	7,476	10,292	12,243
Male	3,792	4,401	5,964	7,374
Female	2,883	3,062	4,307	4,839
Transgender	-	5	16	28
Unknown	11	8	5	2

Continued on next page.

**Table 11.15-- CHARACTERISTICS OF NEW CLIENTS ENTERING THE STATE HOMELESS OUTREACH PROGRAMS: 2005 TO 2008 -- Con.**

Subject	Participants			
	2005	2006	2007	2008
Ethnicity	9,174	9,876	13,422	14,966
Hispanic / latino	294	552	1,363	1,547
Non-hispanic / latino	8,880	9,324	12,059	13,419
Primary race	9,174	9,876	13,422	14,966
Caucasian / white	2,636	3,017	4,616	5,576
Hawaiian / part Hawaiian	3,584	3,704	5,278	5,366
Black	242	250	412	506
Japanese	133	170	313	411
Chinese	30	28	75	119
Hispanic	(X)	(X)	(X)	(X)
Korean	24	23	43	63
Filipino	374	406	657	761
Samoan	269	375	396	486
Other Asian	36	40	84	152
Other Pacific Islander	227	319	678	975
Native American	127	171	204	215
Mixed / cosmopolitan	-	-	-	(X)
Other	-	-	3	-
Unkown	1,492	1,373	663	336
Homeless status upon entry	6,277	10,355	13,422	14,966
Unsheltered	4,775	7,307	8,332	9,768
Beach or park	3,803	5,702	6,183	7,286
Car or vehicle	646	1,202	1,543	1,724
Street or building	326	403	606	758
Sheltered	289	601	749	691
Emergency shelter (domestic violence)	82	217	260	218
Transitional shelter	111	185	285	325
Drug treatment	32	108	120	75
Mental hospital	15	12	10	9
YMCA / YWCA, or cheap hotel	43	70	60	40
Prison	1	1	3	10
Medical hospital	5	8	11	14
At-risk	933	2,040	2,542	2,232
Family / friends' permanent home / rental	394	971	1,164	994
Own permanent home / rental	526	1,052	1,357	1,232
Domestic violence	13	17	21	6
Other	96	162	189	189
Unknown	184	245	1,610	2,086

Continued on next page.

**Table 11.15-- CHARACTERISTICS OF NEW CLIENTS ENTERING THE STATE HOMELESS OUTREACH PROGRAMS: 2005 TO 2008 -- Con.**

Subject	Participants			
	2005	2006	2007	2008
Causes of homelessness	9,239	11,314	14,027	16,792
Income	4,009	4,507	5,462	6,393
Problems paying rent / cannot afford	2,701	3,143	3,950	4,541
Loss of employment	1,308	1,364	1,512	1,852
Housing	802	1,050	1,207	1,329
Evicted (disorderly, non-payment, etc.)	662	824	877	921
Too crowded / over-crowded	140	226	330	408
Health	1,528	1,849	2,185	2,371
Physical disability	571	682	836	920
Substance abuse problem	432	586	664	666
Mental health problem	504	561	672	749
Release from mental institution	21	20	13	36
Family	1,235	1,438	1,613	1,722
Domestic violence	226	262	272	263
Other family conflict / dissolution	1,009	1,176	1,341	1,459
Other	1,665	2,470	3,560	4,977
Release from prison	198	230	277	340
Release from hospital	25	34	36	55
Transient from abroad / stranded	313	372	395	410
Crime victim	45	58	40	51
Military discharge	13	14	16	13
Prefer homeless lifestyle	142	157	170	181
Natural disaster	13	-	16	19
Other	517	555	583	655
No answer / don't know	399	1,050	2,027	3,253

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**Table 11.15-- CHARACTERISTICS OF NEW CLIENTS ENTERING THE STATE HOMELESS OUTREACH PROGRAMS: 2005 TO 2008-- Con.**

Subject	Participants			
	2005	2006	2007	2008
Resources	5,599	8,233	11,393	16,178
Employment, earned income	603	746	1,169	1,404
Financial assistance	835	1,196	1,754	2,124
General assistance (GA)	276	348	461	579
TANF 6/	70	204	333	373
SSI 7/	489	644	960	1,172
Food assistance	1,107	1,585	2,148	2,513
Food stamps	1,104	1,546	2,076	2,438
WIC 8/	3	39	72	75
Other benefits	25	419	1,673	2,408
Social security	(X)	(X)	(X)	(X)
Retirement / pension	(X)	(X)	(X)	(X)
Veteran administration (VA) benefits	(X)	4	161	217
Unemployment	(X)	(X)	(X)	(X)
Worker's compensation	(X)	(X)	(X)	(X)
Medicaid	9	50	453	736
Medicare	5	32	226	358
TANF funded services	(X)	4	11	10
Section 8 public housing, or other rental assistance	(X)	21	38	21
Other	11	308	784	1,066
Other income	569	792	1,017	1,306
Unemployment insurance	33	(X)	46	54
SSDI 9/	225	285	404	536
Veteran's disability payment	(X)	6	33	56
Private disability insurance	(X)	2	6	9
Worker's compensation	7	16	21	23
Retirement income from social security	116	174	189	189
Veteran's pension	55	60	54	49
Pension from a former job	27	43	67	73
Child support	11	29	45	53
Alimony or other spousal support	(X)	3	6	4
Family / friends	18	22	27	35
Other	77	115	119	225
No answer / don't know	(X)	37	-	(X)
No resources	2,460	3,495	3,632	6,423
Unknown	-	-	-	6/1/2009

Continued on next page.

**Table 11.15-- CHARACTERISTICS OF NEW CLIENTS ENTERING THE  
STATE HOMELESS OUTREACH PROGRAMS: 2005 TO 2008-- Con.**

X Not applicable.

1/ Age 18 to 30.

2/ Age 31 to 50.

3/ Age 51 to 61.

4/ Age 62 or over.

5/ Includes children and adults.

6/ Temporary assistance for needy families (TANF).

7/ Supplemental security income (SSI).

8/ Women, infants, and children (WIC) supplemental nutrition program.

9/ Social security disability income (SSDI).

Source: Hawaii State Department of Human Services, Housing and Community Development Corporation of Hawaii, Homeless Programs Section, records.

**Table 11.16-- CHARACTERISTICS OF PERSONS PARTICIPATING IN THE STATE HOMELESS STIPEND PROGRAMS: 2005 TO 2008**

[Year ending June 30]

Subject	Participants			
	2005	2006	2007	2008
State	5,885	6,042	7,455	8,460
City & County of Honolulu	4,107	4,260	5,630	6,260
Hawaii	517	508	540	712
Maui	1,194	1,207	1,235	1,220
Kauai	67	67	50	268
Children	1,868	1,741	2,312	2,673
Adults	4,017	4,301	5,143	5,787
Families	788	785	1,032	1,202
Age	5,885	6,042	7,455	8,460
Children	1,868	1,741	2,209	2,673
Under 1	107	91	161	154
1 to 5	708	678	854	1,084
6 to 12	623	562	757	864
13 to 17	356	326	437	426
Over 17	54	60	(X)	95
Unknown	20	24	(X)	50
Adults	4,017	4,301	5,139	5,787
Under 18	23	13	(X)	15
18 to 29	922	923	1/ 1,348	1,397
30 to 39	1,049	1,081	2/ 2,626	1,380
40 to 49	1,110	1,189	(X)	1,469
50 to 59	631	791	3/ 916	1,067
60 or over	239	256	4/ 249	413
Unknown	43	48	(X)	46
Unknown 5/	63	72	107	96
Gender	5,885	6,042	7,455	8,460
Children	1,868	1,741	2,312	2,673
Male	951	854	1,152	1,355
Female	917	887	1,160	1,318
Transgender	-	-	-	(X)
Adults	4,017	4,301	5,143	5,787
Male	2,436	2,628	3,000	3,283
Female	1,578	1,670	2,131	2,486
Transgender	-	1	11	18
Unknown	3	2	1	-

Continued on next page.

**Table 11.16-- CHARACTERISTICS OF PERSONS PARTICIPATING IN THE  
STATE HOMELESS STIPEND PROGRAMS: 2005 TO 2008 -- Con.**

Subject	Participants			
	2005	2006	2007	2008
Ethnicity	5,885	6,042	7,455	8,460
Hispanic / latino	270	378	798	1,029
Non-hispanic / latino	5,615	5,664	6,657	7,431
Primary race	5,885	6,042	7,455	8,460
Caucasian / white	1,582	1,749	2,116	2,358
Hawaiian / part Hawaiian	1,632	1,598	2,149	2,457
Black	292	320	335	396
Japanese	161	167	208	208
Chinese	32	40	56	71
Korean	56	64	66	54
Hispanic	(X)	(X)	(X)	(X)
Filipino	306	314	351	441
Samoan	303	288	379	399
Other Asian	46	76	77	72
Other Pacific Islander	810	1,080	1,588	1,868
Native American	58	60	86	119
Mixed / cosmopolitan	-	-	-	(X)
Other	-	-	2	-
Unknown	607	286	42	17
Homeless status upon entry	4,599	7,213	7,455	8,460
Unsheltered	1,809	3,008	3,172	4,049
Beach or park	1,107	1,718	1,993	2,320
Car or vehicle	370	743	713	1,136
Street or building	332	547	466	593
Sheltered	1,175	2,018	2,498	2,493
Emergency shelter (domestic violence)	457	1,000	1,525	1,692
Transitional shelter	189	463	561	443
Drug treatment	102	149	119	119
Mental hospital	93	39	25	39
YMCA / YWCA, or cheap hotel	123	170	137	79
Prison	147	111	75	72
Medical hospital	64	83	45	37
Foster care home or group home	(X)	3	11	12
At-risk	1,145	1,650	1,330	1,390
Family / friends' permanent home / rental	964	1,377	1,071	1,014
Own permanent home / rental	163	233	243	340
Domestic violence	18	40	16	36
Other	202	242	131	182
Unknown	268	295	324	346

Continued on next page.

**Table 11.16-- CHARACTERISTICS OF PERSONS PARTICIPATING IN THE  
STATE HOMELESS STIPEND PROGRAMS: 2005 TO 2008 -- Con.**

Subject	Participants			
	2005	2006	2007	2008
Causes of homelessness	7,094	7,595	7,608	9,599
Income	2,374	2,496	2,647	3,640
Problems paying rent / cannot afford	1,840	2,001	2,040	2,799
Loss of employment	534	495	607	841
Housing	895	877	1,125	1,458
Evicted (disorderly, non-payment, etc.)	548	480	533	700
Too crowded / over-crowded	347	397	592	758
Health	1,675	1,613	1,644	1,932
Physical disability	408	374	365	423
Substance abuse problem	722	807	813	902
Mental health problem	511	416	448	582
Release from mental institution	34	16	18	25
Family	910	982	1,079	1,160
Domestic violence	236	241	230	268
Other family conflict / dissolution	674	741	849	892
Other	1,240	1,627	1,113	1,409
Release from prison	312	327	249	317
Release from hospital	107	69	52	85
Transient from abroad / stranded	55	112	74	102
Crime victim	26	28	17	35
Military discharge	35	26	14	30
Prefer homeless lifestyle	37	27	28	29
Natural disaster	6	(X)	11	9
Other	365	301	255	441
No answer / don't know	297	737	413	361

Continued on next page.

**Table 11.16-- CHARACTERISTICS OF PERSONS PARTICIPATING IN THE STATE HOMELESS STIPEND PROGRAMS: 2005 TO 2008 -- Con.**

Subject	Participants			
	2005	2006	2007	2008
Resources	4,830	6,188	7,494	11,289
Employment, earned income	1,145	1,290	1,385	1,793
Financial assistance	885	1,018	1,339	1,973
General assistance (GA)	293	309	382	571
TANF 6/	66	209	405	552
SSI 7/	526	500	552	850
Food assistance	818	893	1,549	2,369
Food stamps	796	852	1,435	2,192
WIC 8/	22	41	114	177
Other benefits	70	318	999	1,954
Social security	(X)	(X)	(X)	(X)
Retirement / pension	(X)	(X)	(X)	(X)
Veteran administration (VA) benefits	1	13	72	216
Unemployment	(X)	(X)	(X)	(X)
Worker's compensation	(X)	(X)	(X)	(X)
Medicaid	36	170	512	912
Medicare	19	55	210	382
SCHIP 9/	(X)	5	8	6
TANF funded services	1	2	18	30
Section 8, public housing, or other rental assistance	13	23	44	52
Other benefit	(X)	50	135	356
Other income	542	794	964	1,302
Unemployment insurance	12	26	36	50
SSDI 10/	199	250	285	415
Veteran's disability payment	1	14	60	98
Private disability insurance	(X)	2	8	9
Worker's compensation	10	8	9	15
Retirement income from social security	159	135	140	158
Veteran's pension	70	64	33	27
Pension from a former job	38	39	40	54
Child support	6	13	23	50
Alimony or other spousal support	(X)	10	9	9
Family / friends	7	12	18	20
Other	40	221	303	397
No resources	1,370	1,875	1,258	1,898
Unknown	-	-	-	-

Continued on next page.

**Table 11.16-- CHARACTERISTICS OF PERSONS PARTICIPATING IN THE  
STATE HOMELESS STIPEND PROGRAMS: 2005 TO 2008-- Con.**

X Not applicable.

1/ Age 18 to 30.

2/ Age 31 to 50.

3/ Age 51 to 61.

4/ Age 62 or over.

5/ Includes children and adults.

6/ Temporary assistance for needy families (TANF).

7/ Supplemental security income (SSI).

8/ Women, infants, and children (WIC) supplemental nutrition program.

9/ State Children's Health Insurance Program (SCHIP).

10/ Social security disability income (SSDI).

Source: Hawaii State Department of Human Services, Housing and Community Development Corporation of Hawaii, Homeless Programs Section, records.

**Table 11.17-- HOMELESS PERSONS, BY SURVEY CATEGORY:  
2006 AND 2007 ESTIMATES**

<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>
Resident population, July 1, 2006	1,285,498	909,863	141,440	171,191	63,004
January 2007 estimates					
Homeless persons	6,061	3,750	764	1,290	257
Percent of resident population	0.5	0.4	0.5	0.8	0.4
Sheltered 1/	2,703	1,957	377	272	97
Persons in families with children	1,612	1,203	207	154	48
Single individuals and persons in households without children	1,091	754	170	118	49
Families with children (family households)	444	323	65	41	15
Unsheltered 2/	3,358	1,793	387	1,018	160
Persons in families with children	1,123	457	88	534	44
Single individuals and persons in households without children	2,235	1,336	299	484	116
Families with children (family households)	290	115	31	135	9
2006 estimates					
Hidden homeless 3/	18,622	12,390	2,131	2,486	1,615
Percent of resident population	1.4	1.4	1.5	1.5	2.6
At risk for homelessness 4/	85,267	57,283	11,509	11,819	4,656
Percent of resident population	6.6	6.3	8.1	6.9	7.4

Continued on next page.

**Table 11.17-- HOMELESS PERSONS, BY SURVEY CATEGORY:  
2006 AND 2007 ESTIMATES -- Con.**

1/ Sheltered homeless: persons or groups of persons who lack a fixed, regular and adequate nighttime residence and stay at a supervised public or private shelter designed to provide temporary alleviation of homelessness through the provision of living accommodations (emergency, transitional or other) or that is an institution that provides temporary residence for individuals intended to be institutionalized.

2/ Unsheltered homeless: persons or groups of persons having a primary nighttime residence that is a public or private place not designed for, or ordinarily used as, a regular sleeping accommodation for persons (including beaches, parks, automobiles, caves, benches, and abandoned or vacant buildings).

3/ Hidden homeless: a person or group of persons who

- a) share accommodations with other groups in the same household,
- b) are 'doubled up' (two or more families or groups of persons related by birth, marriage or adoption),
- c) are 'sharing' (two or more families or groups of persons not related by birth, marriage or adoption),
- d) are persons who depend upon public assistance for their shelter payments each month.

4/ Precariously housed or at risk: person or persons who could become homeless in less than three months, if they lost their primary source of income.

Source: State of Hawaii, Hawaii Public Housing Authority and FAQ Hawaii, Inc., *2007 Point-In-Time Count* (April 2007), p. 10; SMS Research and Marketing Services, Inc., *City & County of Honolulu Homeless Point-In-Time Count, 2007 Methodology and Results* (May 2007), pp. 5,8; and *Housing Policy Study, 2006: The Hidden Homeless and Households at Risk of Homelessness* (February 2007), p. 8; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 11.18-- HAWAII STATE EMPLOYEES' RETIREMENT SYSTEM:  
1992 TO 2008**

[As of June 30]

Year	Member- ship, 1/ March 31	Pensioners and beneficiaries, March 31	Assets, 2/ June 30 (\$1,000)	Total benefits paid 3/ (\$1,000)	Average monthly pension 3/ (dollars)	Adminis- tration expenses 3/ (dollars)
1992	57,401	21,787	4,551,348	284,194	950	2,446,107
1993	59,518	22,387	4,987,341	309,245	1,004	2,274,981
1994	61,082	22,905	5,416,206	331,393	1,057	2,875,676
1995	60,687	25,360	5,599,698	408,206	1,143	2,896,684
1996	59,275	26,926	6,063,298	457,713	1,220	2,960,240
1997	59,500	27,173	7,888,168	436,397	1,276	3,217,348
1998	60,447	27,403	9,051,782	446,789	1,321	3,331,700
1999	61,164	27,950	9,679,760	483,199	1,369	3,775,942
2000	62,207	28,715	9,931,772	518,720	1,414	4,168,717
2001	63,408	29,660	8,761,096	548,799	1,434	4,893,712
2002	66,043	30,330	7,905,453	568,804	1,523	5,754,832
2003	66,442	31,389	7,687,200	605,411	1,533	6,780,824
2004	67,074	32,297	8,565,405	638,543	1,597	10,468,508
2005	68,011	33,301	9,195,868	679,759	1,663	7,259,906
2006	69,233	34,304	9,932,411	723,030	1,719	8,477,837
2007	70,805	35,324	11,462,417	761,005	1,773	9,601,756
2008	72,436	36,260	10,846,789	792,313	1,824	10,728,801

1/ State and county employees. Includes former vested employees but excludes all pensioners.

2/ Prior to June 30, 1997, assets are reported at cost. Effective June 30, 1997, assets are reported at fair value.

3/ Year ended June 30. Data on total benefits paid exclude the employers' share of social security contributions.

Source: Employees' Retirement System of the State of Hawaii, *Comprehensive Annual Financial Report*, and records.

**Table 11.19-- UNEMPLOYMENT INSURANCE: 1987 TO 2006**

[Covering private industry, Federal, State and County governments and nonprofit organizations. Based on numbers of unemployed that were revised in the new modeling approach (redesign) and reestimation of the cooperative program of Federal (U.S. Bureau of Labor Statistics) and State (Hawaii State Department of Labor & Industrial Relations "Local Area Unemployment Statistics")]

Calendar year	Covered employment	Insured unemployment		Average weekly wages (dollars)	Benefit payments (\$1,000)	Average weekly benefits (dollars)	Average benefit duration (weeks)
		Weekly average	Percent coverage				
1987	470,179	7,329	39.5	364.79	49,900	149.50	13.4
1988	485,707	6,708	42.7	392.73	50,659	162.51	13.5
1989	508,673	5,238	41.7	415.75	40,833	170.03	12.0
1990	533,229	5,722	42.7	444.92	50,269	189.40	11.4
1991	541,415	8,106	51.6	463.43	83,530	205.70	13.0
1992	544,718	11,933	48.8	492.94	144,741	235.48	14.8
1993	542,333	13,227	52.1	503.02	165,877	246.31	17.6
1994	540,015	15,228	50.7	514.13	193,878	258.72	17.4
1995	535,640	15,819	48.7	518.88	208,316	262.21	16.0
1996	533,123	15,351	43.8	526.04	200,050	261.07	17.8
1997	534,210	13,819	39.6	545.20	176,659	259.30	17.1
1998	533,147	12,978	38.0	558.83	162,013	258.08	16.4
1999	536,979	11,043	36.4	573.11	140,528	265.78	16.5
2000	552,445	8,755	36.3	587.99	111,665	273.16	15.4
2001	556,447	11,884	45.6	601.21	150,142	282.46	12.8
2002 1/	557,876	12,304	50.0	628.56	164,500	279.64	19.2
2003 1/	568,549	10,669	45.0	649.31	144,864	297.67	15.7
2004 1/	584,227	8,513	43.0	677.21	121,244	311.69	15.6
2005 1/	602,837	6,569	38.6	699.36	97,794	328.44	14.2
2006 1/	(NA)	6,609	43.5	(NA)	107,255	356.79	13.3

NA Not available.

1/ Benchmarked in March, 2007.

Source: Hawaii State Department of Labor and Industrial Relations, *State of Hawaii Unemployment Insurance Fact Book* (annual) and records; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 11.20-- CHILD DAY CARE SERVICES (NAICS 6244), BY FEDERAL INCOME TAX STATUS AND BROAD GEOGRAPHIC AREA: 1997 AND 2002**

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

Geographic area	Number of establishments		Receipts or revenue (\$1,000)		Paid employees for pay period including March 12	
	Subject to tax	Tax exempt	Subject to tax	Tax exempt	Subject to tax	Tax exempt
1997						
State total	35	138	(D)	44,956	100-249	1,572
Oahu	17	96	(D)	35,336	100-249	1,284
Neighbor Islands	18	42	(D)	9,620	20-99	288
2002						
State total	33	175	(D)	(D)	100-249	1,000-2,499
Oahu	19	125	(D)	36,460	20-99	1,196
Neighbor Islands	14	50	(NA)	(NA)	(NA)	(NA)

NA Not available.

D Withheld to avoid disclosing data of individual companies.

Source: U.S. Census Bureau, *1997 Economic Census, Hawaii, Health Care and Social Assistance, Geographic Area Series*, EC97S62A-HI (June 1999), tables 1a, 1b, 2a, 2b and 3 <<http://www.census.gov/prod/ec97/97s62-hi.pdf>>; *2002 Economic Census, Hawaii, Health Care and Social Assistance, Geographic Area Series*, EC02-62A-HI (February 2005), tables 1 and 2 <<http://www.census.gov/prod/ec02/ec0262ahi.pdf>> accessed June 2, 2005.

**Table 11.21-- LICENSED CHILD CARE CENTERS AND LICENSED FAMILY  
CHILD CARE PROVIDERS: 2001 TO 2005**

[Centers as of February, providers as of August]

<b>Subject</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
Licensed child care centers	500	552	521	523	543
Licensed family child care providers	501	501	429	501	462

Source: Children's Foundation, Washington, D.C., as cited in U. S. Census Bureau, *Statistical Abstract of the United States*: 2002 (table 551), 2003 (table 578), 2004-2005 (table 560), 2006 (table 569), 2007 (table 565), and 2008 (table 560).

**Table 11.22-- 501(c)(3) PUBLIC CHARITIES IN HAWAII, BY TYPE:  
CIRCA 2007**

[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	1,779	16,322.5	3,652.7	1070.6	5,307.4	4,444.5
Arts, culture, & humanities	278	694.8	64.3	116.0	245.5	209.6
Education	315	9,921.0	1,408.5	183.5	1,357.3	843.2
Environmental quality, protection, & beautification	70	120.2	9.8	24.9	42.7	33.1
Animal-related	28	22.6	2.2	12.4	18.5	16.3
Health	117	2,870.3	1,316.2	146.9	2,472.6	2,358.6
Mental health, crisis intervention	53	68.9	18.2	40.4	94.8	91.3
Diseases, disorders, medical disciplines	39	22.3	8.3	11.3	32.1	31.8
Medical research	10	8.7	2.5	4.2	4.6	4.2
Crime, legal related	41	24.7	7.8	13.7	17.2	16.2
Employment, job related	15	22.3	7.1	4.6	32.2	31.0
Food, agriculture, and nutrition	21	42.5	2.5	26.2	47.0	30.2
Housing, shelter	96	539.9	395.9	35.5	93.0	85.2
Public safety	7	0.7	-	1.0	1.5	1.2
Recreation, sports, leisure, athletics	135	15.6	1.0	9.0	24.8	22.6
Youth development	52	41.3	6.5	26.7	32.9	30.4
Human services - multipurpose & other	170	436.4	125.2	191.7	376.3	347.3

Continued on next page.

**Table 11.22-- 501(c)(3) PUBLIC CHARITIES IN HAWAII, BY TYPE:  
CIRCA 2007 -- Con.**

Type	No. of organizations	Total assets	Total liabilities	Contributions, gifts & grants	Total revenue	Total expenses
International, foreign affairs, and national security	38	53.3	6.3	45.4	53.2	52.2
Civil rights, social action, advocacy	9	4.2	1.3	4.3	4.9	4.8
Community improvement, capacity building	85	73.7	27.7	31.4	42.1	39.5
Philanthropy, voluntarism, & grantmaking foundations	68	838.1	64.8	97.0	138.4	69.4
Science & technology research institutes, services	15	147.9	14.1	31.1	41.6	38.1
Social science research institutes, services	5	2.0	0.1	0.8	2.0	2.0
Public, society benefit - multipurpose & other	20	5.4	0.3	1.7	4.1	3.9
Religion related, spiritual development	77	41.5	4.3	10.5	17.3	17.3
Mutual/membership benefit organizations, other	9	301.5	157.6	0.4	110.5	64.6
Unknown	6	2.6	0.3	0.3	0.4	0.7

Source: National Center for Charitable Statistics (NCCS)  
<<http://nccsdataweb.urban.org/tablewiz/form.php?st=HI>> accessed July 1, 2009.

**Table 11.23-- QUALITY OF LIFE INDEX RANKINGS, FOR THE STATE AND THE HONOLULU METROPOLITAN STATISTICAL AREA (MSA): 1993 TO 2009**

Area, authority, and year of publication	Number of areas ranked	State or Honolulu rank 1/
State:		
Morgan Quitno, 1993	50	9
Morgan Quitno, 1994	50	20
Morgan Quitno, 1995	50	24
Morgan Quitno, 1996	50	27
Morgan Quitno, 1997	50	33
Morgan Quitno, 1998	50	30
Morgan Quitno, 1999	50	41
Morgan Quitno, 2000	50	43
Morgan Quitno, 2001	50	34
Morgan Quitno, 2002	50	43
Morgan Quitno, 2003	50	41
Morgan Quitno, 2004	50	32
Morgan Quitno, 2005	50	26
Morgan Quitno, 2006	50	22
Morgan Quitno, 2007	50	19
CQ Press, 2008 2/	50	21
CQ Press, 2009	50	20
Honolulu MSA:		
<i>Money</i> , 1993	300	124
<i>Money</i> , 1994	300	155
<i>Money</i> , 1995	300	102
<i>Money</i> , 1996	300	88
<i>Money</i> , 1997	300	167
<i>Money</i> , 1998 3/	23	16
<i>Money</i> , 2000	100	45
<i>Money</i> , 2001	100	45
<i>Money</i> , 2002	100	45
<i>Money</i> , 2004	87	(NA)
<i>Money</i> , 2005	100	(NA)
<i>Money</i> , 2006	100	(NA)
<i>Money</i> , 2007	100	(NA)
<i>Money</i> , 2008	100	(NA)
<i>Money</i> , 2009	100	(NA)

NA Not available.

1/ For the State, the scale is 1 to 50, the lower the rank, the better. For the Honolulu MSA, the scale is 1 to 300 for the years 1993 to 1997, the lower the rank, the better; the scale is 1 to 23 for 1998, and 1 to 100 for the years 2000 to 2002, the higher the rank, the better.

2/ Morgan Quitno Press was acquired by CQ Press on June 21, 2007.

3/ In the Western States, comparison limited to medium-size MSAs (250,000 to 1,000,000 inhabitants).

Source: Morgan Quitno, *State Rankings* (annual); CQ Press, *State Rankings* (annual); Money, "Best Places to Live" (annual) <<http://money.cnn.com/magazines/moneymag/bplive/2008/states/HI.html>> accessed July 1, 2009.

## Section 12

# LABOR FORCE, EMPLOYMENT, AND EARNINGS

This section presents statistics on the size and composition of the labor force, employment by occupation, industry, and class of worker, payrolls, wage rates, hours, industrial safety, unionization, and strikes. Related series appear in Sections 3, 9, 10, and 19 through 23.

Principal sources for the data on labor force, employment, place of work, hours, earnings, unions and strikes are the decennial reports of the U.S. Census Bureau, the same agency's Current Population Survey, reports by the U.S. Bureau of Labor Statistics, monthly and annual tabulations by the Hawaii State Department of Labor and Industrial Relations, and annual surveys of pay rates by the Hawaii Employers Council. *Historical Statistics of Hawaii*, Section 4, includes figures for earlier years. Statistics for the nation as a whole are published in Section 12 of the *Statistical Abstract of the United States: 2009*.

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**Table 12.01-- LABOR FORCE STATUS, BY SEX: 1960 TO 2000**

<b>Sex and labor force status</b>	<b>1960</b>	<b>1970</b>	<b>1980</b>	<b>1990</b>	<b>2000</b>
<b>BOTH SEXES</b>					
Persons 16 years and over	402,937	522,018	723,479	855,518	950,055
Labor force	263,450	344,269	494,223	602,348	612,831
Percent in labor force	65.4	65.9	68.3	70.4	64.5
Armed forces	47,255	49,785	58,443	54,001	39,036
Civilian labor force	216,195	294,484	435,780	548,347	573,795
Employed	207,456	285,556	415,181	529,059	537,909
Unemployed	8,739	8,928	20,599	19,288	35,886
Percent of civ. labor force	4.0	3.0	4.7	3.5	6.3
Not in labor force	139,487	177,749	229,256	253,170	337,224
<b>MALE</b>					
Persons 16 years and over	219,822	272,726	370,683	434,203	473,542
Labor force	186,507	222,221	290,420	335,651	331,177
Percent in labor force	84.8	81.5	78.3	77.3	69.9
Armed forces	46,626	48,860	54,032	47,441	34,368
Civilian labor force	139,881	173,361	236,388	288,210	296,809
Employed	135,481	168,940	225,331	277,735	276,483
Unemployed	4,400	4,421	11,057	10,475	20,326
Percent of civ. labor force	3.1	2.6	4.7	3.6	6.8
Not in labor force	33,315	50,505	80,263	98,552	142,365
<b>FEMALE</b>					
Persons 16 years and over	183,115	249,292	352,796	421,315	476,513
Labor force	76,943	122,048	203,803	266,697	281,654
Percent in labor force	42.0	49.0	57.8	63.3	59.1
Armed forces	629	925	4,411	6,560	4,668
Civilian labor force	76,314	121,123	199,392	260,137	276,986
Employed	71,975	116,616	189,850	251,324	261,426
Unemployed	4,339	4,507	9,542	8,813	15,560
Percent of civ. labor force	5.7	3.7	4.8	3.4	5.6
Not in labor force	106,172	127,244	148,993	154,618	194,859

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960, Detailed Characteristics, Hawaii*, PC(1)-13D (1962), table 115; *1970 Census of Population, General Social and Economic Characteristics, Hawaii*, PC(1)-C13 (December 1971), table 53; *1980 Census of Population, General Social and Economic Characteristics, Hawaii*, PC80-1-C13 (June 1983), table 61; *1990 Census of Population, Social and Economic Characteristics, Hawaii*, 1990 CP-2-13 (September 1993), table 24; Census 2000, Table DP-3. Profile of Selected Economic Characteristics: 2000, Geographic area: Hawaii  
 <<http://www.hawaii.gov/dbedt/census2k/profile-state/04015.pdf>> accessed July 23, 2004 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 12.02-- LABOR FORCE CHARACTERISTICS, BY COUNTY: 2000**

Subject	State total	Hawaii	Honolulu	Kalawao	Kauai	Maui
Population 16 years and over						
Male	473,542	56,763	344,979	88	22,264	49,448
Worked in 1999	348,658	38,740	255,991	44	15,974	37,909
Usually worked 35 or more hours per week	289,970	30,952	214,602	29	12,910	31,477
50 to 52 weeks	218,200	21,933	164,633	14	9,165	22,455
Female	476,513	57,884	346,036	59	22,656	49,878
Worked in 1999	303,417	36,365	218,804	29	14,532	33,687
Usually worked 35 or more hours per week	217,763	24,340	159,076	15	10,025	24,307
50 to 52 weeks	158,241	17,118	117,075	15	7,177	16,856
Females 16 years and over with own children under 18 years, under 6 years only	33,927	3,437	25,589	-	1,375	3,526
In labor force	21,614	2,229	15,988	-	962	2,435
Employed or in Armed Forces	19,960	2,039	14,720	-	883	2,318
Own children under 18 years in families and subfamilies	271,881	35,528	192,025	-	14,413	29,915
Under 6 years	86,956	10,089	63,495	-	4,170	9,202
Living with two parents, both parents in labor force	35,588	3,846	26,170	-	1,757	3,815

Source: U.S. Census Bureau, Census 2000 Summary File 3 Hawaii (September 25, 2002) <<http://factfinder.census.gov/servlet/BasicFactsServlet>> accessed August 11, 2003.

**Table 12.03-- SELECTED LABOR FORCE AND COMMUTING CHARACTERISTICS,  
BY GEOGRAPHIC AREA: 2000**

Subject	State total	Oahu	Other islands
EMPLOYMENT STATUS			
Population 16 years and over	950,055	691,015	259,040
In labor force	612,831	447,320	165,511
Civilian labor force	573,795	408,638	165,157
Employed	537,909	383,148	154,761
Unemployed	35,886	25,490	10,396
Percent of civilian labor force	6.3	6.2	6.3
Armed forces	39,036	38,682	354
Not in labor force	337,224	243,695	93,529
Females 16 years and over	476,513	346,036	130,477
In labor force	281,654	203,289	78,365
Civilian labor force	276,986	198,679	78,307
Employed	261,426	187,607	73,819
Own children under 6 years	86,956	63,495	23,461
All parents in family in labor force	53,711	38,528	15,183
COMMUTING TO WORK			
Workers 16 years and over	563,154	412,250	150,904
Car, truck, or van - drove alone	359,916	253,231	106,685
Car, truck or van - carpooled	107,191	80,009	27,182
Public transportation (including taxicab)	35,368	34,250	1,118
Walked	27,134	23,022	4,112
Other means	13,349	9,832	3,517
Worked at home	20,196	11,906	8,290
Mean travel time to work (minutes)	26.1	27.3	(NA)

NA Not available.

Source: U.S. Census Bureau, Census 2000, Profile of General Economic Characteristics: 2000, Geographic area: Hawaii, table DP-3 <<http://www.hawaii.gov/dbedt/census2k/profile-state/04015.pdf>> accessed July 23, 2004.

**Table 12.04-- LABOR FORCE STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION 16 YEARS AND OVER: ANNUAL AVERAGE, 2006 TO 2008**

[Numbers in thousands. Data are preliminary]

Population group	Persons 16 years and over			16 to 19 years (both sexes)
	Both sexes	Men	Women	
2006 1/				
Civilian noninstitutional population	987	471	516	55
Civilian labor force	657	342	315	23
Percent of population	66.5	72.6	61.0	42.0
Employment	639	333	307	20
Percent of population	64.8	70.5	59.5	35.8
Unemployment	18	10	8	3
Rate 1/	2.7	2.8	2.5	14.8
Not in civilian labor force	330	129	201	32
2007 1/				
Civilian noninstitutional population	985	473	512	65
Civilian labor force	647	341	305	21
Percent of population	65.6	72.2	59.6	32.8
Employment	628	332	296	18
Percent of population	63.7	70.2	57.8	27.6
Unemployment	19	9	9	3
Rate 1/	2.9	2.7	3.0	15.6
Not in civilian labor force	338	132	207	44
2008 1/				
Civilian noninstitutional population	1,000	487	513	70
Civilian labor force	660	353	307	29
Percent of population	66.0	72.5	59.9	40.7
Employment	633	337	296	24
Percent of population	63.3	69.1	57.7	33.6
Unemployment	28	17	11	5
Rate 1/	4.2	4.7	3.6	17.4
Not in civilian labor force	340	134	206	41

1/ This preliminary table does not contain unemployment rate error ranges.

Source: U.S. Bureau of Labor Statistics, "Employment status of the civilian noninstitutional population in states by sex, race, Hispanic or Latino ethnicity, and detailed age (preliminary), Annual Averages" (annual) <<http://www.bls.gov/lau/>> accessed March 2, 2009 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 12.05-- CIVILIAN LABOR FORCE, AND UNEMPLOYMENT RATE, TOTAL AND FEMALE, BY RACE AND HISPANIC ORIGIN: 2006 AND 2007**

[Totals may not add due to rounding. Estimates from Annual Local Area Unemployment Statistics (LAUS) for 2006 and 2007 respectively, based on 2000 Census]

Race or origin 1/	Civilian labor force		Unemployed (percent)	
	Both sexes	Female	Both sexes	Female
2006				
All races	643,500	311,850	2.4	2.1
One race				
White	165,900	76,000	2.2	2.1
Black or African American	7,350	2,950	3.6	4.3
American Indian and Alaska Native	1,500	700	5.4	6.9
Asian	288,200	145,650	1.6	1.3
Native Hawaiian and other Pacific Islander	53,600	25,450	4.6	4.1
Some other race	6,650	2,950	3.6	3.9
Two or more races	120,300	58,100	3.3	3.1
Minority group 2/ Hispanic or Latino	477,600 38,050	235,850 18,800	2.4 4.1	2.1 3.9
2007				
All races	649,100	314,550	2.6	2.4
One race				
White	167,350	76,700	2.4	2.4
Black or African American	7,400	2,950	3.9	4.6
American Indian and Alaska Native	1,500	700	5.7	7.2
Asian	290,750	146,900	1.9	1.6
Native Hawaiian and other Pacific Islander	54,050	25,700	4.9	4.4
Some other race	6,750	3,000	3.9	4.2
Two or more races	121,350	58,600	3.6	3.4
Minority group 2/ Hispanic or Latino	481,750 38,400	237,900 18,950	2.7 4.3	2.4 4.2

1/ Based on census definitions. Persons of mixed race are classified by self-identification.

2/ All races except White.

Source: Hawaii State Department of Labor & Industrial Relations, Labor Force Info for Affirmative Action Programs, "Table 1. Labor Force Info by Sex & Race" for 2005

<[http://www.hiwi.org/admin/uploadedPublications/1604\\_AAP-T1-2005.pdf](http://www.hiwi.org/admin/uploadedPublications/1604_AAP-T1-2005.pdf)> accessed June 22, 2006 and

2006 <[http://www.hiwi.org/admin/uploadedPublications/1715\\_AAP-T1-2006.pdf](http://www.hiwi.org/admin/uploadedPublications/1715_AAP-T1-2006.pdf)> accessed June 5, 2007

and records. See also <<http://www.hiwi.org/cgi/dataanalysis/?PAGEID=94>>.

**Table 12.06-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE:  
ANNUAL AVERAGE, 1976 TO 2008**

[Data from 1976 to 2008 reflect new modeling approach (redesign) and reestimation of the Cooperative Federal (U.S. Bureau of Labor Statistics) - State (Hawaii State Department of Labor & Industrial Relations) "Local Area Unemployment Statistics" (LAUS) program.  
Except for percent employed, rounded to nearest 50]

Year	Labor force	Employed	Unemployed	
			Number	Percent
1976	410,250	372,250	38,000	9.3
1977	418,500	386,150	32,400	7.7
1978	422,550	394,300	28,250	6.7
1979	430,800	406,450	24,350	5.7
1980	441,000	419,750	21,250	4.8
1981	451,750	428,500	23,200	5.1
1982	459,750	432,450	27,250	5.9
1983	471,900	444,000	27,900	5.9
1984	477,100	451,400	25,700	5.4
1985	483,850	459,400	24,400	5.0
1986	495,850	473,500	22,350	4.5
1987	511,250	492,700	18,550	3.6
1988	519,450	503,750	15,700	3.0
1989	527,750	515,250	12,550	2.4
1990	551,050	537,600	13,400	2.4
1991	563,050	547,350	15,700	2.8
1992	576,000	551,550	24,450	4.2
1993	581,750	556,350	25,400	4.4
1994	585,800	555,750	30,050	5.1
1995	589,500	557,050	32,450	5.5
1996	596,750	561,700	35,050	5.9
1997	601,650	566,750	34,900	5.8
1998	604,300	570,150	34,150	5.7
1999	606,650	576,300	30,350	5.0
2000	609,000	584,850	24,150	4.0
2001	615,250	589,200	26,050	4.2
2002	608,950	584,350	24,600	4.0
2003	616,300	592,450	23,850	3.9
2004 1/	618,150	598,200	19,950	3.2
2005 1/	630,600	613,350	17,250	2.7
2006 1/	642,900	627,050	15,850	2.5
2007 1/	645,950	628,900	17,050	2.6
2008 1/	654,250	628,450	25,850	3.9

1/ Data benchmarked in March, 2009. Reflects revised population controls & model reestimation.

Source: Hawaii State Department of Labor & Industrial Relations, Unemployment/Labor Force Estimates, Not Seasonally Adjusted, Statewide

<<http://www.hiwi.org/article.asp?ARTICLEID=1859&PAGEID=94&SUBID=>> accessed March 11, 2009.

**Table 12.07-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE,  
BY COUNTY: ANNUAL AVERAGE, 1990 TO 2008**

[Data beginning with 1990 reflect new modeling approach (redesign) and reestimation and have been adjusted to incorporate revised intercensal population controls for the 1990's. Counties' data from 1990-1999 reflect 2000 Census-based geography & new model-based controls at the state level. Data from 2000-2008 reflect 2000-based geography, new model controls, 2000 Census inputs and methodological changes. Beginning with January 2005 data, labor force estimates are produced using a new estimation methodology developed by the U.S. Bureau of Labor Statistics (BLS). Estimates are rounded to the nearest 50 except for the unemployment rate which is rounded to 0.1 percent]

Year	Honolulu	Hawaii	Kauai	Maui
Civilian labor force				
1990	409,250	58,350	26,100	57,300
1991	412,000	62,600	28,050	60,350
1992	418,000	64,250	28,950	64,800
1993	423,200	64,850	28,150	65,500
1994	425,450	65,500	28,550	66,350
1995	428,000	65,400	28,850	67,250
1996	432,000	67,400	29,000	68,350
1997	433,600	69,300	28,800	69,950
1998	434,700	69,500	29,050	71,100
1999	433,350	70,750	29,500	73,050
2000	433,100	74,200	30,350	71,300
2001	435,300	76,300	30,450	73,200
2002	429,800	76,450	30,350	72,300
2003	433,750	78,400	31,300	72,850
2004 1/	433,050	79,250	31,550	74,250
2005 1/	441,850	81,250	32,100	75,450
2006 1/	448,050	84,400	32,700	77,750
2007 1/	447,800	85,750	33,050	79,350
2008 1/	454,050	86,650	33,450	80,150
Civilian employed				
1990	401,250	56,300	25,200	54,900
1991	403,600	59,750	26,900	57,100
1992	406,400	59,450	26,150	59,600
1993	409,900	59,900	24,500	62,000
1994	408,750	59,400	25,050	62,500
1995	409,550	59,100	25,750	62,600
1996	411,000	61,200	25,750	63,750
1997	412,800	62,900	25,850	65,200
1998	413,600	63,400	26,400	66,700
1999	414,300	65,250	27,450	69,350
2000	416,450	70,750	29,000	68,700
2001	417,500	72,500	28,950	70,300
2002	412,900	72,950	29,050	69,500
2003	417,500	74,750	30,050	70,100
2004 1/	419,500	76,200	30,500	72,000
2005 1/	430,100	78,550	31,200	73,500
2006 1/	437,300	81,950	31,900	75,900
2007 1/	436,650	82,850	32,200	77,150
2008 1/	438,050	81,850	31,950	76,550

Continued on next page.

**Table 12.07-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE,  
BY COUNTY: ANNUAL AVERAGE, 1990 TO 2008 -- Con.**

Year	Honolulu	Hawaii	Kauai	Maui
Unemployed				
1990	8,000	2,050	950	2,400
1991	8,450	2,850	1,150	3,250
1992	11,600	4,850	2,800	5,200
1993	13,300	4,950	3,650	3,500
1994	16,700	6,050	3,500	3,850
1995	18,450	6,300	3,100	4,600
1996	21,000	6,200	3,250	4,600
1997	20,750	6,450	2,950	4,750
1998	21,100	6,100	2,600	4,350
1999	19,050	5,550	2,050	3,700
2000	16,700	3,500	1,350	2,600
2001	17,800	3,800	1,550	2,950
2002	16,950	3,500	1,350	2,800
2003	16,250	3,650	1,250	2,700
2004 1/	13,550	3,050	1,050	2,300
2005 1/	11,750	2,700	850	1,950
2006 1/	10,750	2,500	800	1,850
2007 1/	11,150	2,900	850	2,200
2008 1/	15,950	4,800	1,500	3,600
Percent unemployed				
1990	2.0	3.5	3.6	4.2
1991	2.0	4.5	4.1	5.4
1992	2.8	7.5	9.6	8.0
1993	3.1	7.6	13.0	5.4
1994	3.9	9.2	12.2	5.8
1995	4.3	9.6	10.7	6.9
1996	4.9	9.2	11.3	6.7
1997	4.8	9.3	10.3	6.8
1998	4.9	8.7	9.0	6.2
1999	4.4	7.8	6.9	5.1
2000	3.9	4.7	4.5	3.7
2001	4.1	5.0	5.0	4.0
2002	3.9	4.6	4.4	3.9
2003	3.7	4.6	4.0	3.7
2004 1/	3.1	3.9	3.4	3.1
2005 1/	2.7	3.3	2.7	2.6
2006 1/	2.4	2.9	2.4	2.4
2007 1/	2.5	3.4	2.5	2.8
2008 1/	3.5	5.5	4.4	4.5

1/ 2004 to 2008 data have been benchmarked.

Source: Hawaii State Department of Labor & Industrial Relations, Unemployment/Labor Force Estimates, Not Seasonally Adjusted <<http://www.hiwi.org/article.asp?ARTICLEID=463&PAGEID=94&SUBID=>> accessed April 20, 2009.

**Table 12.08-- UNEMPLOYMENT INSURANCE BENEFITS AND DURATION  
FOR THE UNITED STATES, THE 50 STATES, DISTRICT OF COLUMBIA,  
PUERTO RICO AND THE VIRGIN ISLANDS: 2008 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	12,521,207	30,367	299.64	14.9	4,283
Alabama	104,622	-	202.27	11.2	2,175
Alaska	26,425	511	205.04	14.6	2,887
Arizona	135,746	-	219.98	14.9	3,207
Arkansas	106,828	-	268.10	13.0	3,264
California	1,939,437	-	307.71	16.6	4,908
Colorado	128,712	-	345.49	12.8	4,311
Connecticut	212,177	-	329.66	15.8	4,848
Delaware	36,379	-	259.32	17.2	4,341
District of Columbia	46,341	-	291.58	23.3	6,651
Florida	569,695	-	237.24	15.2	3,583
Georgia	319,150	-	276.85	11.6	3,059
<b>Hawaii</b>	<b>72,683</b>	<b>-</b>	<b>415.99</b>	<b>13.9</b>	<b>5,614</b>
Idaho	66,926	-	274.06	11.9	3,067
Illinois	634,567	-	311.58	16.7	5,202
Indiana	298,554	-	303.76	12.8	3,718
Iowa	119,212	-	306.83	11.6	3,337
Kansas	93,713	-	321.56	13.9	4,319
Kentucky	168,843	-	303.90	14.1	4,051
Louisiana	63,817	-	206.73	13.7	2,831
Maine	36,971	-	270.84	14.1	3,634
Maryland	188,646	-	309.33	15.1	4,540
Massachusetts	439,884	-	398.62	17.4	6,657
Michigan	595,542	-	299.18	15.0	4,335
Minnesota	243,950	-	354.30	16.3	5,539
Mississippi	54,740	-	190.21	12.9	2,291
Missouri	170,086	-	253.40	13.9	3,293
Montana	29,723	-	249.61	14.1	3,348
Nebraska	28,741	-	245.90	11.5	2,702
Nevada	176,815	-	296.81	14.7	4,170
New Hampshire	32,278	-	276.05	13.1	3,460
New Jersey	651,535	-	387.67	17.8	6,464
New Mexico	47,886	-	284.90	15.9	4,396
New York	785,084	-	309.95	16.2	4,785
North Carolina	419,508	24,118	291.75	13.2	3,647
North Dakota	11,261	-	295.70	10.3	2,938

Continued on next page.

**Table 12.08-- UNEMPLOYMENT INSURANCE BENEFITS AND DURATION  
FOR THE UNITED STATES, THE 50 STATES, DISTRICT OF COLUMBIA,  
PUERTO RICO AND THE VIRGIN ISLANDS: 2008 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	444,307	-	310.45	14.9	4,442
Oklahoma	60,452	-	282.92	13.7	3,631
Oregon	261,708	-	312.40	13.9	4,083
Pennsylvania	814,244	-	344.38	16.1	5,068
Puerto Rico	59,675	-	111.18	18.4	2,014
Rhode Island	66,579	5,732	379.70	16.3	5,869
South Carolina	147,720	-	241.34	13.3	3,076
South Dakota	6,225	-	244.89	10.2	2,391
Tennessee	171,967	-	224.39	13.3	2,895
Texas	503,968	-	305.04	13.4	3,932
Utah	65,344	-	313.06	13.6	4,160
Vermont	29,557	-	296.67	14.5	4,089
Virgin Islands	4,036	-	325.59	16.7	5,253
Virginia	150,558	-	288.02	12.3	3,369
Washington	340,195	-	366.50	13.1	4,416
West Virginia	37,736	-	241.78	13.2	3,086
Wisconsin	293,622	-	273.89	13.2	3,274
Wyoming	6,835	-	314.24	13.2	3,987

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 2008"

<<http://www.ows.doleta.gov/unemploy/content/data.asp>> accessed June 15, 2009.

**Table 12.09-- CHARACTERISTICS OF THE INSURED UNEMPLOYED:  
ANNUAL AVERAGE, 2008**

[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.	11.6
		Other services	2.2
Age		Public administration 1/ Information not available	0.0 9.4
Under 22 years	2.4	Occupation	
22 to 24 years	5.2	Management	6.5
25 to 34 years	23.4	Business/financial operations	1.8
35 to 44 years	24.1	Computer/mathematical	0.8
45 to 54 years	25.0	Architecture/engineering	0.6
55 to 64 years	16.2	Life/physical/social science	0.4
65 years and over	3.7	Community/social services	0.8
Sex		Legal	0.4
Male	64.7	Education/training/library	1.4
Female	35.3	Arts/entertainment/sports	1.1
Duration		Healthcare practitioner/technical	0.7
1 to 4 weeks	40.0	Healthcare support	1.2
5 to 14 weeks	38.4	Protective service	1.3
15 weeks and over	21.6	Food preparation/serving	8.0
Industry		Building/grounds maintenance	3.2
Government - state	2.3	Personal care/service	3.8
Government - county	0.3	Sales related	5.5
Agriculture/forestry/fishing	2.4	Office/administrative support	12.2
Mining 1/	0.0	Farming/fishing/forestry	2.0
Utilities	0.1	Construction/extraction	17.1
Construction	29.4	Installation/maintenance/repair	2.3
Manufacturing	2.3	Production	2.1
Wholesale trade	1.6	Transportation/material moving	5.0
Retail trade	5.6	Information not available	21.7
Transportation/warehousing	8.0	Ethnicity 2/	
Information	2.1	American Indian	0.8
Finance & insurance	1.7	Chinese	4.5
Real estate/rental/leasing	2.0	Filipino	17.6
Professional/technical services	2.7	Japanese	8.7
Management of companies	0.3	Other Asians	2.1
Administrative/waste services	10.6	Black	1.7
Educational services	0.6	Hawaiian	21.3
Health care/social assistance	3.5	Other Pacific Islander	5.2
Arts/entertainment/recreation	1.2	White & Latino	25.4
Accommodation/food services	11.8	Others	12.7

Continued on next page.

**Table 12.09-- CHARACTERISTICS OF THE INSURED UNEMPLOYED:  
ANNUAL AVERAGE, 2008 -- Con.**

1/ An industry may have claimants in one or more months in 2008 and yet average to an annual of 0 and round to 0.0 percent of total, e.g. Mining had an average of 2 and Public Administration of 4.

2/ A category "Information not available" had claimants in one or more in 2008 and had an annual average of 3 and yet rounded to 0.0 percent of total.

Source: Hawaii State Department of Labor & Industrial Relations "Characteristics of the Insured Unemployed in Hawaii - 2008" <<http://www.hiwi.org/article.asp?ARTICLEID=1533&PAGEID=67&SUBID=116>> accessed April 7, 2009.

**Table 12.10-- WAGE AND SALARY JOBCOUNT: ANNUAL AVERAGE,  
1990 TO 2008**

[Persons holding more than one job are counted in each position. As a result, these data differ from corresponding estimates of employment, reported elsewhere in this section. Active-duty armed forces are excluded, unless also employed in civilian jobs. Persons not working because of labor disputes are included. Data for the component nonagriculture jobs are rounded to the nearest 50 except for 2000, which are rounded to the nearest 100. Totals may not add due to rounding. Includes Agriculture]

Year	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
1990	537,950	413,000	49,000	25,250	50,850
1991	548,650	417,850	51,650	26,350	52,850
1992	552,100	420,200	51,400	25,700	54,900
1993	547,350	416,900	50,900	23,450	56,200
1994	544,100	413,700	50,250	23,950	56,350
1995	540,200	410,250	49,550	24,450	56,000
1996	538,100	406,750	50,750	24,150	56,250
1997	538,800	405,550	51,850	24,200	57,150
1998	538,850	403,100	52,400	24,700	58,500
1999	542,700	403,700	53,350	25,500	60,250
2000	559,300	414,300	56,000	26,550	62,450
2001	562,350	414,750	57,350	26,300	63,950
2002	563,950	414,800	58,350	26,750	64,000
2003	574,750	421,800	60,100	27,800	64,900
2004	590,650	431,900	62,400	28,750	67,600
2005	608,600	444,650	64,700	29,550	69,700
2006 1/	624,000	453,650	67,750	30,350	72,250
2007 2/	631,350	456,950	69,250	31,050	74,100
2008 2/	625,350	454,150	67,850	30,500	72,850

1/ Data for the State total and Hawaii County were revised from previous *Data Book*.

2/ Data were benchmarked by Department of Labor & Industrial Relations and revised from previous *Data Book*.

Source: Hawaii State Department of Labor and Industrial Relations, Job Count by Industry - Not Seasonally Adjusted Data, Historical Series

<<http://www.hiwi.org/article.asp?ARTICLEID=515&PAGEID=94&SUBID=>> accessed March 12, 2009.

**Table 12.11-- JOBCOUNT, BY NAICS INDUSTRY: ANNUAL AVERAGE,  
2004 TO 2008**

[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]

<b>Industry</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007 1/</b>	<b>2008 1/</b>
Total wage & salary	590,650	608,600	624,000	631,350	625,350
Nonagriculture, wage & salary	583,350	601,700	617,050	624,850	619,200
Natural resources, mining, construction	29,450	33,400	36,500	39,100	38,000
Manufacturing	15,400	15,200	15,300	15,250	14,900
Durable goods	4,400	4,450	4,500	4,600	4,600
Non-durable goods	11,000	10,800	10,800	10,650	10,300
Trade, transportation & utilities	112,250	117,700	121,000	121,850	118,300
Wholesale trade	17,050	17,600	18,050	18,600	18,750
Retail trade	66,950	69,250	70,050	70,350	69,900
Transportation, warehousing & utilities	28,250	30,850	32,950	32,950	29,600
Utilities	2,750	2,900	2,950	3,050	3,100
Transportation & warehousing	25,500	27,950	30,000	29,900	26,500
Air transportation	10,250	10,150	10,100	9,800	8,050
Information	10,800	10,800	10,700	10,600	10,000
Telecommunications	3,750	3,900	4,200	4,200	3,950
Financial activities	28,800	29,300	29,950	30,050	29,400
Finance & insurance	16,450	16,500	16,850	16,950	16,700
Real estate, rental, leasing	12,400	12,800	13,100	13,100	12,700
Professional & business services	70,750	74,200	76,800	76,350	75,300
Education & health services	67,700	69,850	71,200	73,000	73,950
Education services	13,000	13,600	13,900	14,400	14,650
Health care & social assistance	54,650	56,300	57,250	58,600	59,300
Ambulatory health care services	21,650	22,550	22,700	22,950	23,400
Hospitals	14,100	14,050	14,050	14,450	14,050
Nursing & residential care facilities	6,250	6,650	6,700	6,800	7,050
Social assistance	12,600	13,050	13,800	14,400	14,750
Leisure and hospitality	103,750	106,300	108,200	109,950	107,150
Arts, entertainment & recreation	11,400	11,550	11,650	12,050	11,550
Accommodation & food services	92,350	94,800	96,550	97,900	95,600
Accommodation	37,800	38,750	39,150	39,250	37,750
Food services and drinking places	54,600	56,050	57,350	58,700	57,850
Full-Service Restaurants	28,050	28,800	29,400	30,400	29,850
Other services	24,450	25,200	26,100	26,600	27,150
Government	120,050	119,650	121,250	122,100	125,000
Federal	31,450	31,300	31,850	31,750	32,200
Department of Defense	16,600	16,350	16,650	16,400	16,500
State	71,500	71,150	71,950	72,400	74,300
Education (DOE & UH)	47,500	47,350	47,550	48,100	49,100
Local	17,100	17,200	17,450	17,950	18,550
Agriculture	7,300	6,900	6,950	6,500	6,150

1/ Data were benchmarked in March, 2009.

Source: Hawaii State Department of Labor and Industrial Relations, State of Hawaii, Not Seasonally Adjusted Jobcount by Detailed Industry <[http://www.hiwi.org/admin/uploadedPublications/525\\_CESST00S.PDF](http://www.hiwi.org/admin/uploadedPublications/525_CESST00S.PDF)> accessed March 11, 2009.

**Table 12.12-- EMPLOYMENT BY NAICS INDUSTRY: 2000**

[Based on the North American Industry Classification System]

Industry	Number	Percent
Employed civilian population 16 years and over	537,909	100.0
Agriculture, forestry, fishing and hunting, and mining	12,119	2.3
Construction	32,180	6.0
Manufacturing	18,979	3.5
Wholesale trade	17,188	3.2
Retail trade	65,693	12.2
Transportation and warehousing, and utilities	33,559	6.2
Information	13,278	2.5
Finance, insurance, real estate, and rental and leasing	37,867	7.0
Professional, scientific, management, administrative, and waste management services	51,039	9.5
Educational, health and social services	102,254	19.0
Arts, entertainment, recreation, accommodation and food services	86,189	16.0
Other services (except public administration)	23,853	4.4
Public administration	43,711	8.1

Source: U.S. Census Bureau, Census 2000, Table DP-3. Profile of Selected Economic Characteristics: 2000, Geographic area: Hawaii <<http://www.hawaii.gov/dbedt/census2k/profile-state/04015.pdf>> accessed July 23, 2004.

**Table 12.13-- JOBCOUNT BY NAICS INDUSTRY, BY COUNTY:  
ANNUAL AVERAGE, 2008**

[Data rounded to nearest 50. Totals may not add due to rounding or residual categories. Data are according to the North American Industry Classification System and were benchmarked in March, 2009]

Industry	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
	625,350	454,150	67,850	30,500	72,850
Nonagriculture, wage & salary	619,200	452,600	65,550	29,900	71,150
Natural resources, mining, construction	38,000	26,150	5,350	2,050	4,500
Manufacturing	14,900	11,750	1,550	400	1,200
Durable goods	4,600	3,750	450	100	300
Non-durable goods	10,300	8,000	1,050	300	950
Trade, transportation & utilities	118,300	83,600	14,100	6,100	14,500
Wholesale trade	18,750	15,050	1,750	500	1,450
Retail trade	69,900	46,550	9,450	4,150	9,800
Transportation, warehousing & utilities	29,600	22,050	2,900	1,450	3,250
Utilities	3,100	(NA)	(NA)	(NA)	(NA)
Transportation & warehousing	26,500	20,150	(NA)	(NA)	(NA)
Air transportation	8,050	6,700	450	250	650
Information	10,000	8,200	700	300	800
Telecommunications	3,950	3,250	300	100	350
Financial activities	29,400	22,700	2,700	1,200	2,800
Finance & insurance	16,700	14,150	1,200	450	850
Real estate, rental, leasing	12,700	8,500	(NA)	(NA)	(NA)
Professional & business services	75,300	60,300	4,850	3,350	6,900
Education & health services	73,950	58,100	7,500	2,500	5,900
Education services	14,650	12,150	1,250	250	1,050
Health care & social assistance	59,300	45,950	6,300	2,250	4,800
Ambulatory health care services	23,400	17,700	(NA)	(NA)	(NA)
Hospitals	14,050	13,100	(NA)	(NA)	(NA)
Nursing & residential care facilities	7,050	(NA)	(NA)	(NA)	(NA)
Social assistance	14,750	(NA)	(NA)	(NA)	(NA)
Leisure and hospitality	107,150	62,600	13,800	8,600	22,200
Arts, entertainment & recreation	11,550	6,400	1,850	1,050	2,300
Accommodation & food services	95,600	56,200	11,950	7,550	19,950
Accommodation	37,750	15,400	6,450	4,150	11,700
Food services and drinking places	57,850	40,800	5,500	3,350	8,250
Full-service restaurants	29,850	19,000	3,150	2,300	5,400
Other services	27,150	20,900	2,250	1,100	2,900
Government	125,000	98,350	12,750	4,400	9,500
Federal	32,200	29,400	1,350	550	900
Department of Defense	16,500	16,150	150	150	(1/)
State	74,300	56,850	8,700	2,650	6,100
Education (DOE & UH)	49,100	39,250	5,150	1,500	3,200
Local	18,550	12,100	2,700	1,200	2,550
Agriculture	6,150	1,550	2,300	600	1,700

NA Not available.

1/ Fewer than 50.

Source: Hawaii State Department of Labor and Industrial Relations, State of Hawaii, Not Seasonally Adjusted Jobcount by Detailed Industry <<http://www.hiwi.org/article.asp?ARTICLEID=515&PAGEID=94&SUBID>> accessed March 27, 2009.

**Table 12.14-- OCCUPATION: 2000**

<b>Occupation</b>	<b>Number</b>	<b>Percent</b>
Employed civilian population 16 years and over	537,909	100.0
Management, professional, and related occupations	173,437	32.2
Service occupations	112,660	20.9
Sales and office occupations	151,025	28.1
Farming, fishing, and forestry occupations	6,909	1.3
Construction, extraction, and maintenance occupations	46,054	8.6
Production, transportation, and material moving occupations	47,824	8.9

Source: U.S. Census Bureau, Census 2000, Profile of General Economic Characteristics: 2000, Geographic area: Hawaii, table DP-3 <<http://www.hawaii.gov/dbedt/census2k/profile-state/04015.pdf>> accessed July 23, 2004.

**Table 12.15-- EMPLOYMENT BY CLASS OF WORKER: 1940 TO 2000**

[Persons 14 years and over through 1960; 16 years and over thereafter]

Year	All employed civilians	Private wage and salary workers	Government workers	Self-employed workers 1/	Unpaid family workers
1940	153,796	113,551	18,553	15,967	5,725
1950	167,571	111,036	34,400	19,192	2,943
1960	209,370	144,602	46,078	17,009	1,681
1970	285,556	200,912	70,547	12,832	1,265
1980	415,181	300,315	90,401	22,965	1,500
1990	529,059	385,061	107,777	34,291	1,930
2000	537,909	381,606	112,999	41,109	2,195

1/ In own not incorporated business.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960, General Social and Economic Characteristics, Hawaii*, Final Report PC (1)-13C (February 1962), table 56; *1970 Census of Population, General Social and Economic Characteristics, Hawaii*, PC(1)-C13 (December 1971), table 56; *1980 Census of Population, General Social and Economic Characteristics, Hawaii*, PC80-1-C-13 (June 1983), table 67; *1990 Census of Population, Social and Economic Characteristics, Hawaii*, 1990 CP-2-13 (September 1993), table 27; Census 2000, Table DP-3. Profile of Selected Economic Characteristics: 2000, Geographic area: Hawaii <<http://www.hawaii.gov/dbedt/census2k/profile-state/04015.pdf>> accessed July 23, 2004.

**Table 12.16-- FULL- AND PART-TIME EMPLOYMENT, BY TYPE AND BY STATUS: 1969 TO 2007**

[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	526,720	468,604	58,116	460,304	66,416
1979	556,274	488,216	68,058	491,170	65,104
1980	575,172	499,373	75,799	508,715	66,457
1981	569,091	497,864	71,227	506,147	62,944
1982	568,346	493,679	74,667	505,718	62,628
1983	578,803	503,830	74,973	512,940	65,863
1984	585,159	511,496	73,663	516,753	68,406
1985	601,526	525,185	76,341	532,622	68,904
1986	615,717	535,144	80,573	548,026	67,691
1987	647,271	559,118	88,153	578,209	69,062
1988	673,864	575,550	98,314	605,051	68,813
1989	702,226	602,977	99,249	633,756	68,470
1990	730,455	625,026	105,429	663,230	67,225
1991	751,385	635,381	116,004	683,901	67,484
1992	752,950	640,814	112,136	686,135	66,815
1993	748,657	632,457	116,200	684,201	64,456
1994	743,524	625,696	117,828	680,899	62,625
1995	739,952	617,601	122,351	681,314	58,638
1996	739,463	613,922	125,541	682,518	56,945
1997	740,028	613,342	126,686	683,510	56,518
1998	742,198	612,716	129,482	686,579	55,619
1999	742,096	614,920	127,176	688,811	53,285
2000	763,284	630,849	132,435	710,501	52,783
2001	767,161	635,362	131,799	712,500	54,661
2002	770,180	635,964	134,216	717,261	52,919
2003	786,727	648,466	138,261	733,936	52,791
2004	812,664	663,969	148,695	758,906	53,758
2005 1/	837,808	680,960	156,848	784,789	53,019
2006 1/	858,771	697,734	161,037	804,408	54,363
2007	873,637	705,340	168,297	819,109	54,528

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, 2001-2007 (SA25N) <<http://www.bea.gov/bea/regional/spi/>> accessed September 18, 2008.

**Table 12.17-- CIVILIAN EMPLOYMENT, FULL- AND PART-TIME:  
ANNUAL AVERAGE, 2002 TO 2004**

[Number in thousands]

<b>Year and population group</b>	<b>Total</b>	<b>Men</b>	<b>Women</b>	<b>16 to 19 years (both sexes)</b>
2002				
Full- and part-time	557	285	272	17
Full-time total	457	246	211	4
Full-time not at work	17	7	9	(1/)
Part-time total	100	39	61	13
Economic reasons	18	8	10	(1/)
Non- economic reasons	75	29	46	11
Not at work	7	(1/)	5	(1/)
2003				
Full- and part-time	592	308	284	22
Full-time total	487	266	221	5
Full-time not at work	17	8	9	(1/)
Part-time total	105	42	63	17
Economic reasons	18	9	9	2
Non- economic reasons	80	30	50	14
Not at work	6	2	4	1
2004				
Full- and part-time	591	303	287	18
Full-time total	491	266	224	6
Full-time not at work	18	8	10	(2/)
Part-time total	100	37	63	12
Economic reasons	14	7	7	1
Non- economic reasons	81	29	52	11
Not at work	6	2	3	(2/)

1/ Data are not shown when the labor force base does not meet BLS publication standards of reliability.

2/ Fewer than 500 persons.

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment 2004* (Bulletin 2716, January 2009), table 16 <[http://www.bls.gov/opub/gp/pdf/gp04\\_16.pdf](http://www.bls.gov/opub/gp/pdf/gp04_16.pdf)> accessed January 16, 2009, and earlier reports; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 12.18-- OCCUPATION OF EMPLOYED CIVILIANS, BY SEX:  
ANNUAL AVERAGE, 2003 AND 2004**

Occupation	Both sexes	Men	Women
2003			
All occupations (number employed in thousands)	592	308	284
Percent	100.0	100.0	100.0
Management, professional, and related			
Management, business, and financial operations	14.5	15.6	13.3
Professional and related	17.7	14.4	21.2
Service	21.3	21.3	21.3
Sales and office			
Sales and related	10.7	7.9	13.8
Office and administrative support	15.8	7.7	24.5
Natural resources, construction, and maintenance			
Farming, fishing, and forestry	1.2	1.2	1.1
Construction and extraction	5.9	11.0	0.3
Installation, maintenance, and repair	3.9	7.1	0.4
Production, transportation, and material moving			
Production	3.4	4.2	2.4
Transportation and material moving	5.8	9.5	1.8
2004			
All occupations (number employed in thousands)	591	304	287
Percent	100.0	100.0	100.0
Management, professional, and related			
Management, business, and financial operations	13.7	14.7	12.7
Professional and related	18.7	15.6	21.9
Service	21.9	22.0	21.9
Sales and office			
Sales and related	11.8	8.8	15.0
Office and administrative support	14.6	6.4	23.2
Natural resources, construction, and maintenance			
Farming, fishing, and forestry	1.2	1.8	0.7
Construction and extraction	5.8	11.0	0.3
Installation, maintenance, and repair	3.4	6.4	0.2
Production, transportation, and material moving			
Production	3.2	4.1	2.3
Transportation and material moving	5.6	9.3	1.8

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment, 2003*, (Bulletin 2591) table 18 <[http://www.bls.gov/opub/gp/pdf/gp03\\_18.pdf](http://www.bls.gov/opub/gp/pdf/gp03_18.pdf)> accessed March 14, 2008 and *Ibid*, 2004, (Bulletin 2716, January 2009) table 18 <[http://www.bls.gov/opub/gp/pdf/gp04\\_18.pdf](http://www.bls.gov/opub/gp/pdf/gp04_18.pdf)> accessed January 16, 2009.

**Table 12.19-- MULTIPLE JOBHOLDERS, NUMBERS AND PERCENT OF EMPLOYED FOR HAWAII AND PERCENT OF EMPLOYED FOR THE UNITED STATES: ANNUAL AVERAGE, 2000 TO 2007**

[The employed count incorporates the March, 2005 redesign of the Cooperative Federal (U.S. Bureau of Labor Statistics) - State (Hawaii State Department of Labor & Industrial Relations) "Local Area Unemployment Statistics" (LAUS) program]

Year	Hawaii				United States
	Employed, 16 years & over	Multiple jobholders			Multiple jobholders as percent of employed
		Number	Percent of employed	Rank 1/	
2000	584,900	54,400	9.3	4	5.6
2001	589,200	57,700	9.8	3	5.4
2002	584,400	47,900	8.2	8	5.3
2003	592,500	45,000	7.6	13	5.3
2004	602,400	45,800	7.6	13	5.4
2005	618,000	49,400	8.0	12	5.3
2006	631,600	50,500	8.0	12	5.2
2007	631,900	51,800	8.2	8	5.2

1/ Rank among 50 states and the District of Columbia. Rank of 1 for highest percentage of multiple jobholders. Tied in 2005 with Idaho.

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 and unpublished data from Current Population Survey microdata, supplied by the U.S. Bureau of Labor Statistics, and the Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office.

**Table 12.20-- WORKERS 16 YEARS AND OVER, BY PLACE OF RESIDENCE  
AND PLACE OF WORK: APRIL 1, 2000**

Place of residence	Place of work				
	Total	City and County of Honolulu	Hawaii County	Kauai County	Maui County 1/
Total	562,982	411,890	63,233	26,138	61,721
State of Hawaii	559,548	409,125	62,937	26,077	61,409
City and County of Honolulu	409,348	407,722	734	192	700
Hawaii County	63,103	761	62,122	22	198
Kauai County	26,116	259	33	25,739	85
Maui County 1/	60,981	383	48	124	60,426
U.S. states (excluding Hawaii) 2/	3,434	2,765	296	61	312

1/ Includes Kalawao County.

2/ Persons who are residents of other states and work in Hawaii.

Source: U.S. Census Bureau, "Residence County to Workplace County Flows for Hawaii Sorted by Workplace State and County" <<http://www.census.gov/population/www/cen2000/commuting.html>> accessed March 7, 2003.

**Table 12.21-- EMPLOYMENT AND WAGES: 1995 TO 2007**

[Workers covered by the Hawaii Employment Security Law and Unemployment Compensation for Federal Employees classified by industry. Prior to 2001, industries were classified according to the Standard Industrial Classification and, after, to the North American Industry Classification System]

Year	Number of reporting units, December 1/	Average employment	Total wages (\$1,000)	Average annual wage (dollars)
Total, incl. gov't				
1995	30,479	535,750	14,456,304	26,983
1996	31,254	533,310	14,591,094	27,359
1997	31,188	534,050	15,143,623	28,356
1998	31,259	534,140	15,505,321	29,029
1999	31,263	537,678	16,016,370	29,788
2000	33,560	552,955	16,935,897	30,628
2001	34,294	557,041	17,402,683	31,241
2002	34,679	558,494	18,245,223	32,669
2003	35,799	569,538	19,213,203	33,735
2004	34,067	585,292	20,596,784	35,191
2005	35,137	603,663	21,941,626	36,347
2006	35,606	618,403	23,365,721	37,784
2007	36,930	625,835	24,698,727	39,465
Total, excl. gov't				
1995	30,473	428,058	11,099,619	25,930
1996	31,248	426,936	11,256,765	26,366
1997	31,182	426,887	11,516,562	26,978
1998	31,253	426,255	11,790,625	27,661
1999	31,257	429,179	12,083,701	28,155
2000	33,554	443,221	12,932,829	29,179
2001	34,288	446,032	13,292,645	29,802
2002	34,673	444,376	13,750,473	30,943
2003	35,793	454,108	14,516,099	31,966
2004	34,061	468,923	15,744,363	33,576
2005	35,131	487,273	16,839,218	34,558
2006	35,600	500,651	17,973,930	35,901
2007	36,924	506,932	18,977,352	37,436
Private non-agr.				
1995	29,774	417,728	10,865,476	26,011
1996	30,548	416,873	11,032,864	26,466
1997	30,467	416,773	11,285,401	27,078
1998	30,531	415,620	11,547,237	27,783
1999	30,516	418,402	11,830,068	28,274
2000	32,725	432,185	12,659,300	29,291
2001 2/	33,838	438,283	13,105,583	29,902
2002 2/	34,225	436,743	13,561,708	31,052
2003 2/	35,337	446,437	14,322,498	32,082
2004 2/	29,527	416,080	13,531,745	32,522
2005 2/	34,678	479,673	16,635,943	34,682
2006 2/	35,155	493,338	17,766,787	36,013
2007 2/	36,474	500,336	18,782,326	37,539

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/admin/uploadedPublications/1904\\_ES2007.PDF](http://www.hiwi.org/admin/uploadedPublications/1904_ES2007.PDF)> accessed November 25, 2008; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 12.22-- EMPLOYMENT AND WAGES, BY COUNTY: 2007**

[Workers covered by the Hawaii Employment Security Law and Unemployment Compensation for Federal Employees classified by industry. Industries classified according to the North American Industry Classification System]

County	Number of reporting units, December 1/	Average employment	Total wages (\$1,000)	Average annual wage (dollars)
Total, including government				
State total	36,930	625,835	24,698,727	39,465
City and County of Honolulu	24,821	451,947	18,432,011	40,784
Hawaii County	5,035	68,944	2,426,330	35,193
Kauai County	2,093	30,820	1,091,945	35,430
Maui County	4,987	74,124	2,748,442	37,079
Total, excluding government				
State total	36,924	506,932	18,977,352	37,436
City and County of Honolulu	24,818	358,208	13,923,750	38,871
Hawaii County	5,032	57,119	1,858,445	32,536
Kauai County	2,090	26,524	882,374	33,267
Maui County	4,984	65,082	2,312,783	35,536

1/ Nonprofit employers and employers with zero employment are included.

Source: Hawaii State Department of Labor and Industrial Relations, *2007 Employment and Payrolls in Hawaii* (October 2008) <[http://www.hiwi.org/admin/uploadedPublications/1904\\_ES2007.PDF](http://www.hiwi.org/admin/uploadedPublications/1904_ES2007.PDF)> accessed November 25, 2008.

**Table 12.23-- EMPLOYMENT AND WAGES, BY NAICS INDUSTRY: 2007**

[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	36,930	625,835	24,698,727	39,465
	Government	6	118,903	5,721,375	48,118
	Federal	1	31,744	1,949,242	61,405
	State	1	69,229	2,865,434	41,391
	County	4	17,930	906,699	50,569
	Total, excluding government	36,924	506,932	18,977,352	37,436
11	Agriculture, forestry, fishing and hunting	450	6,596	195,026	29,567
21	Mining	9	302	24,736	81,906
22	Utilities	68	3,016	228,483	75,757
23	Construction	3,632	38,807	2,301,127	59,297
31-33	Manufacturing	1,103	15,278	575,824	37,690
311	Food manufacturing	327	6,265	176,041	28,099
323	Printing & rel. support activ.	126	1,159	39,954	34,473
42	Wholesale trade	2,129	18,435	871,474	47,273
44-45	Retail trade	4,663	70,249	1,881,228	26,779
448	Clothing & clothing access.	1,205	11,635	251,055	21,578
48-49	Trans. & warehousing	1,051	29,970	1,147,513	38,289
487	Scenic & sightseeing trans.	213	3,812	109,270	28,665
51	Information	706	10,691	572,335	53,534
52	Finance and insurance	1,760	16,909	952,670	56,341
53	Real estate, rental & leasing	2,029	13,174	546,445	41,479
54	Prof. and tech. services	3,987	24,597	1,484,681	60,360
55	Mgt of companies & enterprises	474	7,612	547,609	71,940
56	Admin. and waste services	2,293	44,027	1,238,013	28,119
61	Educational services	609	13,295	435,735	32,774
62	Health care and soc. assist.	3,483	58,452	2,437,651	41,703
621	Amb. health care services	2,626	23,097	1,166,268	50,494
622	Hospitals	23	14,421	753,268	52,234
623	Nursing and resid. care fac.	134	6,819	205,843	30,187
624	Social assistance	700	14,115	312,273	22,124
71	Arts, entertain., and recrea.	548	12,042	290,956	24,162
72	Accom. and food services	3,521	97,966	2,517,088	25,693
81	Other serv., exc. public adm.	3,749	25,230	711,369	28,195
99	Unclassified	660	286	17,387	60,794

1/ Nonprofit employers and employers with zero employment are included.

Source: Hawaii State Department of Labor and Industrial Relations, *2007 Employment and Payrolls in Hawaii* <[http://www.hiwi.org/admin/uploadedPublications/1904\\_ES2007.PDF](http://www.hiwi.org/admin/uploadedPublications/1904_ES2007.PDF)> accessed November 25, 2008.

**Table 12.24-- AVERAGE ANNUAL WAGE IN CURRENT AND  
CONSTANT DOLLARS: 1969 TO 2007**

[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	1989	21,635	128.7	16,810
1970	7,424	41.5	17,889	1990	23,109	138.1	16,734
1971	7,677	43.2	17,771	1991	24,051	148.0	16,251
1972	7,989	44.6	17,913	1992	25,532	155.1	16,462
1973	8,479	46.6	18,195	1993	26,544	160.1	16,580
1974	9,087	51.5	17,645	1994	26,718	164.5	16,242
1975	9,767	56.3	17,348	1995	26,983	168.1	16,052
1976	10,347	59.1	17,508	1996	27,359	170.7	16,028
1977	10,903	62.1	17,557	1997	28,356	171.9	16,496
1978	11,630	66.9	17,384	1998	29,029	171.5	16,927
1979	12,429	74.3	16,728	1999	29,788	173.3	17,189
1980	13,548	83.0	16,323	2000	30,628	176.3	17,373
1981	14,471	91.7	15,781	2001	31,241	178.4	17,512
1982	15,367	97.2	15,810	2002	32,669	180.3	18,119
1983	16,115	99.3	16,229	2003	33,735	184.5	18,285
1984	16,714	103.5	16,149	2004	35,191	190.6	18,463
1985	17,335	106.8	16,231	2005	36,347	197.8	18,376
1986	18,069	109.4	16,516	2006	37,784	209.4	18,044
1987	19,060	114.9	16,588	2007	39,465	2/ 219.504	17,979
1988	20,454	121.7	16,807				

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 1991-2007 <<http://www.hiwi.org/article.asp?ARTICLEID=613&PAGEID=94&SUBID>> accessed November 25, 2008; 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. 1987-2007: 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, 2008; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 12.25-- AVERAGE ANNUAL WAGE, IN CURRENT AND  
CONSTANT DOLLARS, BY SELECTED INDUSTRY: 1997 AND 2007**

[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	1997 1/	2007 2/		Percent change, 1997-2007 4/	
		Current dollars	1997 dollars 3/	Current dollars	1997 dollars 3/
All industries	28,356	39,465	30,906	39.2	9.0
Federal	40,580	61,405	48,088	51.3	18.5
State	29,756	41,391	32,415	39.1	8.9
County	36,008	50,569	39,602	40.4	10.0
Private	26,978	37,436	29,317	38.8	8.7

1/ According to the Standard Industrial Classification Code.

2/ According to the North American Industrial Classification System.

3/ Current dollars deflated by the Consumer Price Index (CPI-U) All Items for Honolulu, base shifted to 1997 = 100.

4/ The Consumer Price Index-All Urban Consumers (CPI-U) Honolulu, All Items increased 27.7 percent from 1997 to 2007.

Source: Hawaii State Department of Labor and Industrial Relations, *1997 and 2007 Employment and Payrolls in Hawaii* <<http://www.hiwi.org/article.asp?ARTICLEID=613&PAGEID=94&SUBID>> accessed November 25, 2008; 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/ro9/9225.pdf>> accessed February 20, 2008; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 12.26-- REPORTING UNITS AND EMPLOYMENT, BY SIZE OF FIRM: DECEMBER 2007**

[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	36,924	20,504	6,949	4,573	3,013	1,105	564	216
	Employment	514,203	33,768	46,196	61,538	91,094	75,653	83,051	122,903
City and County of Honolulu	Reporting units	24,818	13,881	4,506	3,040	2,011	813	417	150
	Employment	364,298	22,571	29,947	41,111	60,782	55,738	61,226	92,923
Hawaii County	Reporting units	5,032	2,782	1,028	628	407	111	54	22
	Employment	57,585	4,721	6,855	8,355	12,185	7,482	8,204	9,783
Maui County	Reporting units	4,984	2,738	975	644	403	121	68	35
	Employment	65,462	4,561	6,465	8,598	12,169	8,375	9,881	15,413
Kauai County	Reporting units	2,090	1,103	440	261	192	60	25	9
	Employment	26,858	1,915	2,929	3,474	5,958	4,058	3,740	4,784

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, *2007 Employment and Payrolls in Hawaii* (October 2008), p. 99 <[http://www.hiwi.org/admin/uploadedPublications/1904\\_ES2007.PDF](http://www.hiwi.org/admin/uploadedPublications/1904_ES2007.PDF)> accessed November 25, 2008.

**Table 12.27-- ANNUAL AVERAGE WAGES, TOTAL AND PRIVATE  
INDUSTRY: 1990 TO 2007**

[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	111.7	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

1/ Rank of 1 indicates the highest annual wages per employee. District of Columbia is included.

Source: U.S. Bureau of Labor Statistics, *Employment and Wages, Annual Averages* (annual), tables 5, 6 and 10; and for 2001-2007 <<http://www.bls.gov/cew/>> accessed January 2, 2009 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 12.28-- WORKERS, EARNINGS AND HOURS IN SPECIFIED INDUSTRIES: ANNUAL AVERAGE, 2004 TO 2008**

[2007 and 2008 data have been benchmarked. Number of production workers rounded to nearest 50]

Subject	2004	2005	2006	2007	2008
Production workers 1/					
Natural resources, mining and construction	21,900	25,250	27,700	29,700	28,200
Manufacturing	10,700	11,050	11,400	10,600	10,400
Trade, transportation and utilities	92,600	97,350	99,500	99,400	95,400
Wholesale trade	13,400	14,350	14,600	14,800	14,900
Retail trade	57,300	59,150	60,100	60,200	58,800
Information	9,250	9,150	(2/)	(2/)	(2/)
Financial activities	21,850	22,400	23,200	23,500	22,900
Accommodation and food services	81,700	84,050	85,300	85,800	84,300
Accommodation	33,450	34,450	34,300	(2/)	(2/)
Food services and drinking places	48,250	49,550	51,000	52,000	51,400
Average weekly earnings (dollars)					
Natural resources, mining and construction	1,040.90	1,076.79	1,081.24	1,083.14	1,135.23
Manufacturing	511.65	550.66	613.35	636.34	702.30
Trade, transportation and utilities	457.56	471.53	491.18	506.19	542.79
Wholesale trade	585.23	548.24	579.49	695.47	735.69
Retail trade	351.36	357.01	374.22	400.45	424.11
Information	639.16	685.58	(2/)	(2/)	(2/)
Financial activities	573.48	602.01	597.51	661.98	705.29
Accommodation and food services 1/	326.87	342.29	373.82	399.31	423.70
Accommodation	484.18	492.91	550.28	(2/)	(2/)
Food services and drinking places 1/	217.71	237.30	255.53	273.92	306.34
Average weekly hours					
Natural resources, mining and construction	36.6	39.0	37.7	35.7	36.2
Manufacturing	37.9	38.4	38.6	37.3	37.1
Trade, transportation and utilities	32.8	33.3	33.3	33.5	33.3
Wholesale trade	36.9	35.6	36.7	37.9	38.7
Retail trade	30.5	29.9	29.7	30.2	30.1
Information	33.1	32.6	(2/)	(2/)	(2/)
Financial activities	35.4	36.2	34.3	34.0	33.3
Accommodation and food services 1/	28.3	28.5	28.8	28.3	29.1
Accommodation	33.6	33.6	34.2	(2/)	(2/)
Food services and drinking places	24.6	24.9	25.2	25.2	26.5

Continued on next page.

**Table 12.28-- WORKERS, EARNINGS AND HOURS IN SPECIFIED INDUSTRIES: ANNUAL AVERAGE, 2004 TO 2008 -- Con.**

Subject	2004	2005	2006	2007	2008
Average hourly earnings (dollars)					
Natural resources, mining and construction	28.44	27.61	28.68	30.34	31.36
Manufacturing	13.50	14.34	15.89	17.06	18.93
Trade, transportation and utilities	13.95	14.16	14.75	15.11	16.30
Wholesale trade	15.86	15.40	15.79	18.35	19.01
Retail trade	11.52	11.94	12.60	13.26	14.09
Information	19.31	21.03	(2/)	(2/)	(2/)
Financial activities	16.20	16.63	17.42	19.47	21.18
Accommodation and food services	11.55	12.01	12.98	14.11	14.56
Accommodation	14.41	14.67	16.09	(2/)	(2/)
Food services and drinking places 1/	8.85	9.53	10.14	10.67	11.56

1/ Data for 2007 have been revised from previous *Data Book*.

2/ Data are no longer available.

Source: Hawaii State Department of Labor and Industrial Relations, "Production Worker Hours & Earnings, Annual Average and Monthly data from 2001"

<<http://www.hiwi.org/article.asp?ARTICLEID=1848&PAGEID=94&SUBID=>> accessed March 12, 2009.

**Table 12.29-- AVERAGE HOURLY PAY RATES FOR SELECTED JOB CLASSIFICATIONS IN PRIVATE INDUSTRY: 2002 TO 2008**

[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 June through August and covered 90 jobs for the 2002 through 2006 reports, 91 jobs for the 2007, and 82 for the 2008]

<b>Job classification</b>	<b>Job code</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Clerk, entry level	43.03	9.97	10.69	11.33	10.84	11.15	11.25	11.90
Secretary	43.06	14.70	15.19	14.97	15.80	16.02	16.39	17.53
Communications operator 1/	43.10	13.31	13.89	12.99	15.26	14.79	15.44	15.95
Bookkeeper, full-charge	46.06	17.20	17.41	17.67	18.10	19.13	18.00	20.42
Cashier	46.07	13.63	13.87	14.72	14.91	15.48	16.26	16.90
Engineering drafting tech.	47.01	24.63	23.51	26.38	28.14	21.86	27.35	30.48
Housekeeper	48.01	12.11	12.63	12.40	13.07	13.60	13.82	14.35
Cook, general	48.09	15.20	15.64	15.51	15.48	17.15	16.08	16.64
Wait help	48.13	6.38	6.62	6.94	6.85	7.57	8.50	7.97
Laborer, light	50.06	12.23	11.86	11.60	9.55	10.87	10.12	10.68
Carpenter, maintenance	50.12	17.90	18.14	19.45	20.61	21.35	23.12	21.05
Electrician, maintenance	50.15	22.76	21.53	23.11	24.13	24.33	29.68	28.80
Automotive mechanic	50.19	18.02	19.80	19.81	23.47	24.55	23.71	24.69
Truck driver (trailer)	51.05	16.67	14.16	14.07	15.79	17.43	17.26	16.71

1/ Prior to 2003, this category, job code 43.10, was "Switchboard operator".

Source: Hawaii Employers Council, *Pay Rates in Hawaii* (annual).

**Table 12.30-- AVERAGE HOURLY PAY RATES FOR SELECTED JOB CLASSIFICATIONS IN PRIVATE INDUSTRY, BY COUNTY: 2008**

[In dollars. Wage data are weighted averages, as of the June through August survey period and were effective for July 1, 2008 and cover regular full-time and part-time employees. The 14 job titles are meant to be only illustrative of the 82 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	11.90	(1/)	11.85	(1/)	(1/)
Secretary	43.06	17.53	(1/)	17.71	16.19	16.90
Communications operator 2/	43.10	15.95	(1/)	15.28	(1/)	(1/)
Bookkeeper, full-charge	46.06	20.42	(1/)	19.88	(1/)	23.08
Cashier	46.07	16.90	(1/)	15.99	17.75	19.36
Engineering drafting technician	47.01	30.48	(1/)	(1/)	(1/)	(1/)
Housekeeper	48.01	14.35	(1/)	14.44	14.31	(1/)
Cook, general	48.09	16.64	(1/)	16.98	19.72	15.58
Wait help	48.13	7.97	(1/)	8.04	(1/)	(1/)
Laborer, light	50.06	10.68	(1/)	11.11	(1/)	(1/)
Carpenter, maintenance	50.12	21.05	(1/)	21.05	(1/)	(1/)
Electrician, maintenance	50.15	28.80	(1/)	28.48	(1/)	(1/)
Automotive mechanic	50.19	24.69	(1/)	26.30	(1/)	18.89
Truck driver (trailer)	51.05	16.71	(1/)	19.06	(1/)	(1/)

1/ Not disclosed. Jobs reported by fewer than five facilities or fewer than eight employees reported.

2/ Prior to 2003, this category, job code 43.10, was "Switchboard operator".

Source: Hawaii Employers Council, *Pay Rates in Hawaii* (Research Report Number 4208, October 2008).

**Table 12.31-- EMPLOYMENT AND WAGES OF HAWAII'S 25 LARGEST OCCUPATIONS: MAY 2008**

[In descending order by employment. Self-employed are excluded. Due to budget constraints in the Occupational Employment Statistics program, BLS returned to publishing OES data only once a year beginning with the release of May 2005 estimates, i.e. there was no November 2006]

SOC Code 1/	Occupation title	Employment	Mean wage in dollars	
			Hourly	Annual 2/
41-2031	Retail Salespersons	27,060	12.23	25,430
35-3031	Waiters and Waitresses	16,420	12.26	25,510
43-9061	Office Clerks, General	14,620	13.29	27,650
41-2011	Cashiers	13,300	10.29	21,410
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	11,620	11.75	24,440
33-9032	Security Guards	10,700	12.36	25,700
35-3021	Combined Food Preparation and Serving Workers, Except Short-Order Cooks	10,630	9.21	19,160
37-2012	Maids and Housekeeping Cleaners	10,470	13.60	28,280
25-2021	Elementary School Teachers, Except Special Education	9,040	(3/)	47,170
11-1021	General and Operations Managers	9,010	46.19	96,070
29-1111	Registered Nurses	8,760	37.47	77,950
53-7062	Laborers and Freight, Stock, and Material Movers, Except Hand Tractors, Tractor-Trucks, and Tractors	8,530	14.37	29,880
43-3031	Bookkeeping, Accounting, and Auditing Clerks	8,210	16.20	33,700
37-3011	Landscaping and Groundskeeping Workers	7,870	13.90	28,920
25-2031	Secondary School Teachers, Except Special and Education	7,590	(3/)	48,030
43-5081	Stock Clerks and Order Fillers	7,570	11.76	24,460
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	7,560	23.07	47,980
43-6014	Secretaries, Except Legal, Medical, and Executive	7,430	16.53	34,390
35-2021	Food Preparation Workers	7,090	10.24	21,290
47-2031	Carpenters	7,060	30.01	62,430
43-4051	Customer Service Representatives	7,040	15.39	32,010
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	6,640	20.19	42,000
49-9042	Maintenance and Repair Workers, General	6,460	18.54	38,550
35-2014	Cooks, Restaurant	5,930	13.73	28,560
47-2061	Construction Laborers	5,800	22.46	46,710

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 2008 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 May 1, 2009.

**Table 12.32-- EMPLOYMENT AND WAGES OF HONOLULU METROPOLITAN STATISTICAL AREA'S 25 LARGEST OCCUPATIONS: MAY 2008**

[In descending order by employment. Self-employed are excluded. Due to budget constraints in the Occupational Employment Statistics program, BLS returned to publishing OES data only once a year beginning with the release of May 2005 estimates, i.e. there was no November 2006]

SOC Code 1/	Occupation title	Employment	Mean wage in dollars	
			Hourly	Annual 2/
41-2031	Retail Salespersons	18,410	11.59	24,110
43-9061	Office Clerks, General	10,940	13.32	27,700
35-3031	Waiters and Waitresses	10,250	12.01	24,980
33-9032	Security Guards	8,900	12.05	25,050
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	8,830	11.38	23,670
41-2011	Cashiers	8,420	10.02	20,850
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	7,900	9.09	18,900
11-1021	General and Operations Managers	6,550	49.22	102,380
29-1111	Registered Nurses	6,490	38.43	79,920
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	6,380	14.36	29,870
25-2031	Secondary School Teachers, Except Special and Vocational Education	6,310	(3/)	47,460
43-3031	Bookkeeping, Accounting, and Auditing Clerks	5,920	16.36	34,030
43-4051	Customer Service Representatives	5,920	15.40	32,020
43-6014	Secretaries, Except Legal, Medical, and Executive	5,490	16.71	34,760
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	5,480	23.47	48,810
37-2012	Maids and Housekeeping Cleaners	5,340	12.97	26,970
43-5081	Stock Clerks and Order Fillers	5,310	11.62	24,170
35-2021	Food Preparation Workers	4,820	9.60	19,960
47-2031	Carpenters	4,650	30.66	63,770
13-1199	Business Operations Specialists, All Other	4,620	28.41	59,080
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	4,330	22.78	47,380
13-2011	Accountants and Auditors	4,260	26.65	55,420
25-9041	Teacher Assistants	4,170	(3/)	24,320
41-1011	First-Line Supervisors/Managers of Retail Sales	4,150	19.69	40,960
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	4,110	15.00	31,190

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 2008 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 May 1, 2009.

**Table 12.33-- EMPLOYMENT AND WAGES OF HAWAII-MAUI-KAUAI  
NONMETROPOLITAN STATISTICAL AREA'S 25 LARGEST  
OCCUPATIONS: MAY 2008**

[In descending order by employment. Self-employed are excluded]

SOC Code 1/	Occupation title	Employ- ment	Mean wage in dollars	
			Hourly	Annual 2/
41-2031	Retail Salespersons	8,650	13.58	28,240
35-3031	Waiters and Waitresses	6,170	12.68	26,380
37-2012	Maids and Housekeeping Cleaners	5,130	14.25	29,640
41-2011	Cashiers	4,880	10.76	22,380
37-3011	Landscaping and Groundskeeping Workers	3,950	14.25	29,640
43-9061	Office Clerks, General	3,680	13.22	27,500
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	2,790	12.94	26,910
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2,730	9.57	19,900
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	2,490	21.02	43,720
11-1021	General and Operations Managers	2,460	38.11	79,260
35-2014	Cooks, Restaurant	2,430	15.20	31,620
47-2031	Carpenters	2,420	28.78	59,850
49-9042	Maintenance and Repair Workers, General	2,410	18.67	38,840
47-2061	Construction Laborers	2,350	20.76	43,190
43-3031	Bookkeeping, Accounting, and Auditing Clerks	2,290	15.79	32,840
29-1111	Registered Nurses	2,270	34.76	72,300
35-2021	Food Preparation Workers	2,270	11.60	24,120
43-5081	Stock Clerks and Order Fillers	2,260	12.09	25,160
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	2,150	14.38	29,910
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	2,090	22.02	45,810
43-6014	Secretaries, Except Legal, Medical, and Executive	1,940	16.02	33,330
33-9032	Security Guards	1,810	13.89	28,890
25-2021	Elementary School Teachers, Except Special Education	1,750	(3/)	47,100
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1,640	17.19	35,750
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	1,500	15.00	31,200

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 2008 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 May 1, 2009.

**Table 12.34-- TOP METROPOLITAN AREAS FOR EMPLOYMENT: 2006**

[The lower the rank the more favorable the job search. Based on U.S. government data supplied by Moody's Economy.com and using the latest available figures unless otherwise indicated]

Location	Overall	Unemployment	Cost of living	Median household income	Income growth 1/	Job growth 1/
Washington, D.C.	1	4	84	8	7	12
Phoenix, Ariz.	2	17	59	28	4	8
Las Vegas, Nev.	3	12	78	32	1	1
Orlando, Fla.	4	5	52	57	11	6
Bethesda, Md.	5	2	87	2	9	32
Richmond, Va.	6	6	36	47	16	28
Raleigh, N.C.	7	18	40	27	29	22
Jacksonville, Fla.	8	13	48	46	20	20
Oklahoma City, Okla.	9	21	11	61	12	44
Virginia Beach, Va.	10	16	42	59	10	25
Camden, N.J.	11	18	54	16	44	21
Salt Lake City, Utah	12	35	34	24	30	34
Santa Ana, Calif.	13	7	98	10	25	19
Sacramento, Calif.	14	36	77	33	8	11
<b>Honolulu, Hawaii</b>	<b>15</b>	<b>1</b>	<b>83</b>	<b>9</b>	<b>57</b>	<b>17</b>

1/ Five-year average.

Source: *Forbes Magazine* "The Best Cities to Get a Job" (July 19, 2006)

<[http://www.forbes.com/2006/07/18/cx\\_hc\\_leadership\\_cities\\_jobs\\_slide.html?thisSpeed=17500](http://www.forbes.com/2006/07/18/cx_hc_leadership_cities_jobs_slide.html?thisSpeed=17500)> accessed July 24, 2006.

**Table 12.35-- ANNUAL COMPENSATION OF HIGHEST-PAID EXECUTIVES  
OF HAWAII-BASED PUBLIC FIRMS: 1999 TO 2005**

<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 12.36-- MINIMUM WAGE CHRONOLOGY: 1942 TO 2009**

[Dollars per hour. As of July 1, unless otherwise specified. Since January 1, 1970, tip credit allowed under certain circumstances]

Effective date	Oahu	Other islands	Effective date	State	Effective date	State
1942 1/	0.25	0.20	1962	1.15	1981	3.35
1943	0.30	0.25	1964 2/	1.25	1988 2/	3.85
1945	0.40	0.40	1969	1.40	1992 3/	4.75
1953	0.65	0.55	1970 2/	1.60	1993 2/	5.25
1955	0.75	0.65	1974	2.00	2002 2/	5.75
1957	0.90	0.85	1975 2/	2.40	2003 2/	6.25
1958	1.00	1.00	1978	2.65	2006 4/	6.75
			1979	2.90	2007 4/	7.25
			1980	3.10		

1/ At inception of minimum wage law, April 1, 1942.

2/ As of January 1.

3/ As of April 1.

4/ The 2005 Legislature passed Senate Bill 294, Senate Draft 3, House Draft 1, Conference Draft 1 "Relating to Employment" which raises the minimum wage to \$6.75 effective January 1, 2006, and to \$7.25 effective January 1, 2007. Governor Linda Lingle had indicated that she would allow it to become law without her signature. Act 240 became law on July 12, 2005. There is no increase in 2008 nor 2009. The federal minimum wage of \$5.15 was in effect from September 1, 1997 rose to \$5.85 on July 24, 2007 and to \$6.55 and \$7.25 on that day respectively in 2008 and 2009. As of July 24, 2009 the federal wage will rise to equal the State, the first time that has happened since January 1, 1988.

Source: Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office <<http://hawaii.gov/labor/rs/a-short-history-of-the-minimum-wage>> accessed June 12, 2009 and records.

**Table 12.37-- 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 12.38-- AVERAGE AND TOTAL WEEKLY HOURS AT WORK:  
1997 TO 2004**

[In thousands of persons and number of hours]

<b>Subject</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
Weekly hours at work	528	532	536	544	550	534	569	567
1 to 14 hours	26	25	25	26	28	24	26	25
15 to 29 hours	80	75	77	74	75	70	71	68
30 to 34 hours	49	59	44	39	48	39	41	44
35 to 39 hours	28	28	25	29	31	24	26	31
40 hours	221	217	230	243	235	253	279	276
41 to 48 hours	37	42	45	43	42	38	37	38
49 hours and over	87	87	90	91	91	87	89	85
Average hours								
Total at work	(NA)	38.3	38.4	40.3	38.4	38.6	38.6	38.6
Persons who usually work full-time	(NA)	42.4	42.7	43.9	42.4	42.3	42.3	42.1

NA Not available.

Source: U.S. Department of Labor, Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment, 2004*, Bulletin 2716, table 22 <<http://www.bls.gov/opub/gp/laugp.htm>> accessed January 16, 2009, and earlier reports.

**Table 12.39-- INTERSTATE MOVEMENT OF JOB-SEEKERS PARTICIPATING IN THE UNEMPLOYMENT INSURANCE PROGRAM: 1949 TO 2008**

Year	Island workers on Mainland 1/	Mainland workers in Hawaii 2/	Ratio 3/	Year	Island workers on Mainland 1/	Mainland workers in Hawaii 2/	Ratio 3/
1949	1,030	711	69	1979	4,272	5,250	123
1950	966	1,105	114	1980	5,211	4,956	95
1951	377	1,139	302	1981	5,485	4,396	80
1952	455	1,667	366	1982	5,372	4,848	90
1953	576	1,775	308	1983	4,414	4,659	106
1954	907	1,698	187	1984	4,123	4,220	102
1955	665	1,812	272	1985	4,039	3,993	99
1956	686	1,617	236	1986	3,664	3,932	107
1957	1,100	1,813	165	1987	3,805	3,161	83
1958	1,547	2,219	143	1988	3,942	2,974	75
1959	1,280	2,126	166	1989	3,961	2,679	68
1960	1,716	2,595	151	1990	5,275	2,910	55
1961	2,863	3,235	113	1991	7,197	3,453	48
1962	2,966	3,594	121	1992	9,554	4,432	46
1963	2,683	3,787	141	1993	9,543	4,356	46
1964	2,572	3,705	144	1994	10,121	4,229	42
1965	2,257	3,411	151	1995	10,115	4,000	40
1966	1,859	2,655	143	1996	8,633	3,338	39
1967	2,196	3,102	141	1997	7,051	2,356	33
1968	2,014	2,896	144	1998	4,366	2,720	62
1969	2,652	3,600	136	1999	3,511	2,572	73
1970	5,078	6,062	119	2000	2,845	2,910	102
1971	6,215	6,908	111	2001	3,423	3,611	105
1972	6,124	5,994	98	2002	3,223	4,325	134
1973	5,255	6,116	116	2003	2,826	4,247	150
1974	5,924	6,988	118	2004	2,359	3,209	136
1975	7,607	8,785	115	2005	2,399	2,680	112
1976	7,458	8,334	112	2006	2,731	2,273	83
1977	5,846	8,154	139	2007	3,028	2,163	71
1978	4,313	6,261	145	2008	3,986	2,559	64

1/ Interstate liable initial claims, State Unemployment Insurance Program (UI), excluding Federal Unemployment Compensation for Federal Employees program (UCFE) and Federal Unemployment Compensation for Ex-Service members program (UCX). Covers Hawaii workers seeking work and filing for benefits on the Mainland.

2/ Interstate agent initial claims (UI), excluding UCFE and UCX. Covers former Mainland workers living in Hawaii and filing unemployment insurance claims against their former Mainland employers.

3/ Interstate agent initial claims as a percent of interstate liable initial claims. Ratios under 100 suggest a net out-migration of workers.

Source: Hawaii State Department of Labor and Industrial Relations, *State of Hawaii Unemployment Insurance Fact Book* (annual) and records.

See also <<http://hawaii.gov/labor/rs/unemployment-insurance-statistics>>.

**Table 12.40-- NONFATAL OCCUPATIONAL INJURIES AND ILLNESSES,  
PRIVATE INDUSTRY: 1995 TO 2007**

[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

1/ Days away from work, or days of restricted work activity, or both.

2/ Beginning in 2002, the categories of illnesses were expanded and data are not comparable to previous years.

3/ Days away from work, job transfer, or restriction.

Source: Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office, *Occupational Injuries and Illnesses Survey* (annual); U.S. Bureau of Labor Statistics, "State Occupational Injuries, Illnesses, and Fatalities" <<http://www.bls.gov/iif/oshstate.htm#HI>> tables 6 and 7 accessed April 29, 2009.

**Table 12.41-- FATAL OCCUPATIONAL INJURIES BY EVENT OR EXPOSURE: 1993 TO 2007**

[All workers who died in Hawaii while working, including military personnel, federal government workers and nonresidents, but not residents who died out-of-state]

Event or Exposure	1993 to 1997	1994 to 1998	1995 to 1999	1996 to 2000	1997 to 2001	1998 to 2002	2003 to 2005	2003 to 2006	2003 to 2007
Total	117	103	114	110	124	129	61	91	114
Homicides 1/	13	12	22	22	26	26	8	13	11
Aircraft incidents	19	18	19	17	17	16	10	15	16
Struck by or caught in objects	5	5	7	7	16	16	7	13	16
Highway incidents	12	12	12	12	10	13	11	20	20
Self-inflicted injuries	9	8	8	8	12	12	(2/)	(2/)	5
Pedestrian struck by vehicle	5	5	4	6	3/ 8	4/ 11	(2/)	(2/)	3/ 4
Falls	10	9	11	11	11	10	8	9	16
Water vehicle accidents	10	8	7	7	(2/)	9	(2/)	(2/)	(2/)
Oxygen deficiency (incl. drowning)	7	7	7	6	6	4	(2/)	(2/)	(2/)
Nonhighway incidents 5/	9	8	6	5	5	4	(2/)	(2/)	5
Exposure to caustic, noxious, or allergic substances 6/	(2/)	(2/)	(2/)	(2/)	3	(2/)	7	9	14
Fires & explosions	6	4	5	5	(2/)	(2/)	(2/)	(2/)	(2/)
Inhalation or ingestion of substance	(2/)	(2/)	3	3	(2/)	(2/)	(2/)	(2/)	(2/)
Other	12	7	3	1	10	8	10	12	7

1/ Category in '2003 to 2005' and '2003 to 2006' is "Assaults and violent acts by person(s)".

2/ Category not listed separately, may be included in "Other".

3/ Category in '1997 to 2001' and '2003 to 2007' is "Worker struck by vehicle, mobile equipment".

4/ Category in '1998 to 2002' is "Pedestrian, nonpassenger struck by vehicle, mobile equipment".

5/ Involve transportation accidents that occur on industrial, commercial, residential, or farm premises.

6/ Category for '2003 to 2005' and '2003 to 2006' also includes "or environments".

Source: Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office, *Census of Fatal Occupational Injuries* (annual) and for 1998 to 2007

<<http://hawaii.gov/labor/rs/census-of-fatal-occupational-injuries>> accessed April 29, 2009.

**Table 12.42-- FATAL OCCUPATIONAL INJURIES FOR HAWAII AND THE UNITED STATES: 1992 TO 2007**

[All workers who died in Hawaii or the United States while working, including military personnel, federal government workers and nonresidents, but not residents who died out-of-state or out-of-the-country]

Year	Hawaii	United States	Year	Hawaii	United States
1992	28	6,217	2000	20	5,920
1993	26	6,331	2001 1/	41	5,915
1994	21	6,632	2002	24	5,534
1995	24	6,275	2003	21	5,575
1996	27	6,202	2004	25	5,764
1997	19	6,238	2005	15	5,734
1998	12	6,055	2006 2/	30	5,840
1999	32	6,054	2007 3/	23	5,488

1/ Totals for 2001 exclude fatalities resulting from the September 11 terrorist attacks.

2/ Data are final and were revised for the United States but the revision did not affect Hawaii.

3/ Data are preliminary.

Source: U.S. Bureau of Labor Statistics, *Census of Fatal Occupational Injuries All Worker Profile, 1992-2002* (revised data, January 7, 2005) <<http://www.bls.gov/iif/oshwc/foi/cftb0186.pdf>> accessed April 21, 2005; *Fatal occupational injuries by state and event or exposure, 2003-2004* <<http://www.bls.gov/iif/oshcfoi1.htm>> accessed April 24, 2006; *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) <<http://www.bls.gov/news.release/pdf/foi.pdf>> accessed August 25, 2008.

**Table 12.43-- WORK INJURIES, DEATHS, TIME LOST AND  
COMPENSATION COSTS: 1990 TO 2007**

<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

Source: Hawaii State Department of Labor and Industrial Relations, *Workers' Compensation Data Book* (annual) and for 2000 to 2007 <<http://hawaii.gov/labor/rs/workers-compensation-data>> accessed March 2, 2009.

**Table 12.44-- UNION AFFILIATION OF EMPLOYED WAGE AND SALARY WORKERS FOR HAWAII AND THE UNITED STATES: 2000 TO 2008**

[Beginning in January 2004, data reflect revised population controls used in the Current Population Survey which is a monthly survey of households conducted by the Bureau of the Census for the Bureau of Labor Statistics. Data refer to the sole or principal job of full- and part-time workers 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 3/	515	118	22.9	129	25.0	122,229	16,305	13.3	18,026	14.7
2002 4/	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

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.

3/ Revised from previous *Data Book*.

4/ United States data revised from previous *Data Book*.

Source: U.S. Bureau of Labor Statistics, "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 28, 2009. See also "Union Membership in 2008" <<http://www.bls.gov/news.release/union2.toc.htm>>.

**Table 12.45-- 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 12.46-- STATE AND COUNTY EMPLOYEES IN COLLECTIVE BARGAINING UNITS,  
BY EMPLOYING JURISDICTION: 1999 TO 2008**

[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

1/ HHSC is the Hawaii Health Systems Corporation.

2/ Included in 'State of Hawaii'.

Source: Hawaii Labor Relations Board, *HLRB Informational Bulletin, No. 41*, April 2, 2003 and revised August 12, 2003; *No. 42*, May 14, 2004; *No. 43*, June 23, 2005; *No. 44*, April 5, 2006; *No. 45*, April 5, 2007; *No. 46*, March 3, 2008; *No. 47*, March 3, 2009 and earlier issues.

**Table 12.47-- COLLECTIVE BARGAINING AGREEMENTS: 1964 TO 2009**

Year	Number of agreements	Workers covered		Year	Number of agreements	Workers covered	
		Total	Per agreement			Total	Per agreement
1964	275	(NA)	(NA)	1987	1,375	80,400	58
1965	309	31,500	102	1988	433	16,290	38
1966	277	23,800	86	1989	104	50,950	490
1967	257	15,900	62	1990	194	24,300	125
1968	172	15,400	90	1991	107	23,700	221
1969	296	19,100	65	1992	1,413	21,400	15
1970	190	14,900	78	1993	369	65,900	179
1971	151	9,800	65	1994	84	8,000	95
1972	511	47,100	92	1995	270	57,300	212
1973	390	28,000	72	1996	136	49,250	362
1974	223	34,700	156	1997	1,334	62,800	47
1975	1,265	36,100	29	1998	786	18,900	24
1976	380	57,450	151	1999	123	65,890	535
1977	2,255	87,350	39	2000	(1/)	(1/)	(1/)
1978	967	29,500	31	2001	(1/)	(1/)	(1/)
1979	312	61,600	198	2002	1,187	21,550	18
1980	2,298	49,900	22	2003	252	69,800	277
1981	267	53,700	201	2004	71	8,900	125
1982	379	27,400	72	2005	199	61,430	308
1983	1,019	68,000	67	2006	74	10,850	146
1984	901	26,200	29	2007	249	73,210	294
1985	350	58,450	167	2008	202	13,440	66
1986	138	13,550	98	2009	63	66,720	1,059

NA Not available.

1/ Report had been suspended in 2000 and 2001.

Source: University of Hawaii at Manoa, Industrial Relations Center, *Duration of Collective Bargaining Agreements in Hawaii, 2009*, Occasional Publication No. 188 (January 2009), p. 1.

**Table 12.48-- WORK STOPPAGES: 1990 TO 2007**

[Data exclude stoppages lasting less than one full shift (8 hours) and stoppages affecting fewer than 6 workers. Data are limited to stoppages begun or in progress during the week containing the 12th of each month]

Year	Number of stoppages 1/	Workers involved 1/	Man-days lost 2/
1990	13	7,415	119,509
1991	-	-	-
1992	-	-	-
1993	2	160	6,018
1994 3/	3	12,202	109,529
1995	-	-	-
1996	1	13	715
1997	-	-	-
1998	1	150	(NA)
1999	-	-	-
2000	-	-	-
2001	2	15,100	195,900
2002	1	1,170	(NA)
2003	5	2,680	(NA)
2004	2	210	(NA)
2005	1	25	(NA)
2006	2	150	(NA)
2007	-	-	-

NA Not available.

1/ Stoppages carrying over from previous year are counted in both years.

2/ Partly estimated.

3/ Data exclude Hawaii Government Employees' Association (HGEA) strikers in Hawaii County.

Source: Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office, unpublished estimates.

**Table 12.49-- WORK STOPPAGES INVOLVING 1,000 OR MORE WORKERS:  
1983 TO 2007**

<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)
1995-1997	-	-	-	-
1998	-	-	-	-
1999	-	-	-	-
2000	-	-	-	-
2001	2	15,100	195,900	(NA)
2002	1	1,170	(NA)	(NA)
2003	2	2,470	(NA)	(NA)
2004-2007	-	-	-	-

NA Not available.

1/ Workers counted more than once if involved in more than one stoppage during year.

Source: U.S. Bureau of Labor Statistics, "Major Work Stoppages in 2005"

<<ftp://ftp.bls.gov/pub/news.release/History/wkstp.03022006.news>> accessed June 28, 2006 and records; Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office, records.

## Section 13

# INCOME, EXPENDITURES, AND WEALTH

This section presents statistics on different aspects of income and expenditures, relating to state personal income, gross domestic product and to the distribution of income to families, households and individuals. Specifically, information is given on gross domestic product by industry; personal, family and household income; poverty, personal wealth, and family expenditures. Data on wage rates, salaries, and earnings appear in Sections 3, 9, 12, and 22; on industrial payrolls, in Sections 12, 15, and 20 through 23; on the family income of visitors, in Section 7; on retirement payments and public assistance, in Sections 10 and 11; on taxable income, in Section 9.

The chief sources of data shown in this section are the U.S. Bureau of Economic Analysis, U.S. Census Bureau, U.S. Bureau of Labor Statistics, U.S. Department of Health and Human Services, U.S. Internal Revenue Service; and Hawaii Agricultural Statistics Service, and Hawaii State Department of Business, Economic Development & Tourism. Sections 6 and 7 of *Historical Statistics of Hawaii* present data for earlier years. Comparable data for the country as a whole are given in the *Statistical Abstract of the United States: 2009*, Section 13.

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

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Narrative

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**Table 13.01-- DIRECT INCOME FROM MAJOR EXPORT INDUSTRIES: 1974 TO 2008**

[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	(NA)	(NA)	6,107.2	11,398.5

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. Estimates from 1985 to 1998 were revised to reflect revisions in MCI. As first shown in *Data Book 2002*, 1998 implemented a revised methodology for visitor expenditures.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual), records, and for 1999-2007 <[http://www.nass.usda.gov/hi/stats/t\\_of\\_c.htm](http://www.nass.usda.gov/hi/stats/t_of_c.htm)> accessed July 13, 2009; Hawaii State Department of Business, Economic Development & Tourism, *Annual Visitor Research Report* (annual) and records, and U.S. Census Bureau, *Consolidated Federal Funds Report* (annual) and for 1993-2008 <<http://harvester.census.gov/cffr/index.html>> accessed July 23, 2009 and records.

**Table 13.02-- GROSS DOMESTIC PRODUCT, TOTAL AND PER CAPITA  
AND RESIDENT POPULATION: 1963 TO 2008**

Year and category	Gross domestic product 1/		Per capita gross domestic product 1/		Resident population 3/
	Millions of current dollars	Millions of chained 2000 dollars 2/	Current dollars	Chained 2000 dollars 2/	
SIC 4/					
1963	2,366	(NA)	3,469	(NA)	682,000
1964	2,568	(NA)	3,669	(NA)	700,000
1965	2,841	(NA)	4,036	(NA)	704,000
1966	3,097	(NA)	4,362	(NA)	710,000
1967	3,293	(NA)	4,555	(NA)	723,000
1968	3,707	(NA)	5,050	(NA)	734,000
1969	4,248	(NA)	5,717	(NA)	743,000
1970	4,802	(NA)	6,294	(NA)	762,920
1971	5,163	(NA)	6,522	(NA)	791,580
1972	5,613	(NA)	6,861	(NA)	818,104
1973	6,342	(NA)	7,533	(NA)	841,851
1974	7,125	(NA)	8,303	(NA)	858,121
1975	8,155	(NA)	9,319	(NA)	875,052
1976	8,502	(NA)	9,528	(NA)	892,335
1977	9,373	25,462	10,235	27,804	915,749
1978	10,473	26,544	11,276	28,579	928,816
1979	11,905	28,031	12,531	29,505	950,050
1980	13,337	28,750	13,782	29,709	967,710
1981	14,456	28,180	14,778	28,808	978,195
1982	15,396	28,203	15,492	28,380	993,780
1983	16,843	29,214	16,631	28,847	1,012,717
1984	18,554	30,222	18,050	29,401	1,027,922
1985	19,985	31,047	19,222	29,861	1,039,698
1986	21,547	32,009	20,487	30,433	1,051,762
1987	23,321	33,492	21,838	31,362	1,067,917
1988	25,733	35,518	23,831	32,892	1,079,827
1989	28,423	37,869	25,967	34,597	1,094,588
1990	31,898	41,020	28,647	36,839	1,113,491
1991	33,579	41,397	29,539	36,417	1,136,754
1992	35,204	42,275	30,385	36,488	1,158,613
1993	35,929	41,936	30,634	35,756	1,172,838
1994	36,256	41,311	30,530	34,788	1,187,536
1995	36,572	40,768	30,557	34,063	1,196,854
1996	36,959	40,387	30,703	33,550	1,203,755
1997	37,923	40,469	31,299	33,400	1,211,640

Continued on next page.

**Table 13.02-- GROSS DOMESTIC PRODUCT, TOTAL AND PER CAPITA  
AND RESIDENT POPULATION: 1963 TO 2008-- Con.**

Year and category	Gross domestic product 1/		Per capita gross domestic product 1/		Resident population 3/
	Millions of current dollars	Millions of chained 2000 dollars 2/	Current dollars	Chained 2000 dollars 2/	
NAICS 4/					
1997	37,546	40,412	30,988	33,353	1,211,640
1998	37,549	39,568	30,899	32,560	1,215,233
1999	38,625	39,747	31,914	32,841	1,210,300
2000 1/	40,202	40,202	33,184	33,184	1,211,479
2001 1/	41,822	40,626	34,338	33,356	1,217,955
2002 1/	43,476	41,093	35,421	33,480	1,227,391
2003 1/	46,441	42,580	37,503	34,385	1,238,333
2004 1/	50,414	44,636	40,282	35,665	1,251,532
2005 1/	54,863	46,930	43,388	37,114	1,264,468
2006 1/	59,131	48,713	46,368	38,198	1,275,264
2007 1/	62,019	49,424	48,553	38,692	1,277,356
2008	63,847	49,782	49,563	38,644	1,288,198

NA Not available.

1/ Gross Domestic Product estimates for 2005 to 2007, population estimates for 2000 to 2007 and per capita for 2000 to 2007 have been revised from previous *Data Book*.

2/ Real GDP is an inflation-adjusted measure of each State's gross product that is based on national prices for the goods and services produced within that State. The estimates of real GDP are derived by applying national implicit price deflators to the current-dollar GDP estimates for the detailed 63 industries. Then, the chain-type index formula that is used in the national accounts is used to calculate the estimates of total real GDP and of real GDP at a more aggregated industry level. BEA did not release real GDP estimates for 1963 to 1989 but instead published partial time series (1977-2008) of chain-weighted quantity indexes. Real GDP can be derived by multiplying each of the quantity indexes by the base year (2000) nominal GDP value and dividing the result by 100. BEA performed the calculations for 1990 to 2008 and DBEDT for 1977 to 1989. BEA did not release real GDP estimates for 1963 to 1976 nor the chain-weighted quantity indexes therefore, real GDP can not be derived for those years.

3/ As of July 1. The resident population for April 1, 1980 was 964,691, April 1, 1990 was 1,108,229 and April 1, 2000 was 1,211,537. Data for 2000 through 2007 have been revised from previous *Data Book*.

4/ There is a discontinuity in the GDP time series at 1997, where the data change from Standard Industrial Classification (SIC) industry definitions to North American Industry Classification System (NAICS) industry definitions. This discontinuity results from many sources, including differences in source data and different estimation methodologies. This data discontinuity may affect both the levels and the growth rates of the GDP estimates. Users of the GDP estimates are strongly cautioned against appending the two data series in an attempt to construct a single time series of GDP estimates for 1963 to 2008.

Source: U.S. Bureau of Economic Analysis, *Gross Domestic Product by Industry 1963 to 2008* (June 2, 2009) <<http://www.bea.gov/regional/index.htm>> accessed June 2, 2009; U.S. Census Bureau, "Table 1: Annual Estimates of the Population for the United States and States, and for Puerto Rico: April 1, 2000 to July 1, 2008" (NST-EST2008-01) <<http://www.census.gov/popest/states/tables/NST-EST2008-01.xls>> accessed June 2 2009; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.03-- GROSS DOMESTIC PRODUCT, HAWAII AND UNITED STATES:  
1963 TO 2008**

[Gross Domestic Product by State was formerly called Gross State Product]

Year and category	Hawaii			United States		
	Millions of dollars		Chained quantity index (2000=100) 1/	Millions of dollars		Chained quantity index (2000=100) 1/
	Current	Real (chained 2000 dollars) 1/		Current	Real (chained 2000 dollars) 1/	
SIC 2/						
1963	2,366	(NA)	(NA)	606,913	(NA)	(NA)
1964	2,568	(NA)	(NA)	650,382	(NA)	(NA)
1965	2,841	(NA)	(NA)	704,545	(NA)	(NA)
1966	3,097	(NA)	(NA)	766,961	(NA)	(NA)
1967	3,293	(NA)	(NA)	811,632	(NA)	(NA)
1968	3,707	(NA)	(NA)	887,304	(NA)	(NA)
1969	4,248	(NA)	(NA)	962,647	(NA)	(NA)
1970	4,802	(NA)	(NA)	1,011,966	(NA)	(NA)
1971	5,163	(NA)	(NA)	1,096,810	(NA)	(NA)
1972	5,613	(NA)	(NA)	1,210,471	(NA)	(NA)
1973	6,342	(NA)	(NA)	1,356,315	(NA)	(NA)
1974	7,125	(NA)	(NA)	1,471,593	(NA)	(NA)
1975	8,155	(NA)	(NA)	1,601,506	(NA)	(NA)
1976	8,502	(NA)	(NA)	1,779,570	(NA)	(NA)
1977	9,373	25,462	61.400	1,986,138	4,711,450	47.705
1978	10,473	26,544	64.011	2,243,638	4,965,368	50.276
1979	11,905	28,031	67.596	2,491,428	5,113,017	51.771
1980	13,337	28,750	69.330	2,719,134	5,116,079	51.802
1981	14,456	28,180	67.955	3,064,552	5,252,272	53.181
1982	15,396	28,203	68.011	3,217,617	5,185,706	52.507
1983	16,843	29,214	70.448	3,451,340	5,331,677	53.985
1984	18,554	30,222	72.879	3,872,847	5,739,367	58.113
1985	19,985	31,047	74.868	4,155,029	5,981,236	60.562
1986	21,547	32,009	77.188	4,364,279	6,103,997	61.805
1987	23,321	33,492	80.764	4,663,282	6,357,915	64.376
1988	25,733	35,518	85.651	5,067,453	6,684,423	67.682
1989	28,423	37,869	91.320	5,385,776	6,837,504	69.232
1990	31,898	41,020	98.920	5,674,013	6,939,733	70.267
1991	33,579	41,397	99.829	5,857,335	6,917,680	70.043
1992	35,204	42,275	101.946	6,174,369	7,114,708	72.038
1993	35,929	41,936	101.129	6,453,455	7,240,810	73.315
1994	36,256	41,311	99.622	6,865,513	7,538,478	76.329
1995	36,572	40,768	98.312	7,232,722	7,784,237	78.818
1996	36,959	40,387	97.392	7,659,651	8,106,740	82.083
1997	37,923	40,469	97.590	8,170,994	8,521,597	86.284

Continued on next page.

**Table 13.03-- GROSS STATE PRODUCT, HAWAII AND UNITED STATES:  
1963 TO 2008-- Con.**

Year and category	Hawaii			United States		
	Millions of dollars		Chained quantity index (2000=100) 1/	Millions of dollars		Chained quantity index (2000=100) 1/
	Current	Real (chained 2000 dollars) 1/		Current	Real (chained 2000 dollars) 1/	
NAICS 2/						
1997	37,546	40,412	100.523	8,237,994	8,620,955	88.428
1998	37,549	39,568	98.423	8,679,657	9,004,670	92.364
1999	38,625	39,747	98.869	9,201,138	9,404,251	96.463
2000	40,202	40,202	100.000	9,749,103	9,749,103	100.000
2001	41,822	40,626	101.055	10,058,168	9,836,576	100.897
2002	43,476	41,093	102.216	10,398,402	9,981,850	102.387
2003	46,441	42,580	105.914	10,886,172	10,225,679	104.888
2004	50,414	44,636	111.030	11,607,041	10,580,223	108.525
2005 3/	54,863	46,930	116.735	12,339,002	10,912,180	111.930
2006 3/	59,131	48,713	121.170	13,090,776	11,218,785	115.075
2007 3/	62,019	49,424	122.938	13,715,741	11,439,232	117.336
2008	63,847	49,782	123.829	14,165,565	11,523,637	118.202

NA Not available.

1/ Real GSP is an inflation-adjusted measure of each State's gross product that is based on national prices for the goods and services produced within that State. The estimates of real GSP are derived by applying national implicit price deflators to the current-dollar GSP estimates for the detailed 63 industries. Then, the chain-type index formula that is used in the national accounts is used to calculate the estimates of total real GSP and of real GSP at a more aggregated industry level. BEA did not release real GSP estimates for 1963 to 1989 but instead published partial time series (1977-2005) of chain-weighted quantity indexes. Real GSP can be derived by multiplying each of the quantity indexes by the base year (2000) nominal GSP value and dividing the result by 100. BEA performed the calculations for 1990 to 2008 and DBEDT for 1977 to 1989. BEA did not release real GSP estimates for 1963 to 1976 nor the chain-weighted quantity indexes therefore, real GSP can not be derived for those years. Quantity indexes are now at 3-decimal place precision.

2/ There is a discontinuity in the GSP time series at 1997, where the data change from Standard Industrial Classification (SIC) industry definitions to North American Industry Classification System (NAICS) industry definitions. This discontinuity results from many sources, including differences in source data and different estimation methodologies. This data discontinuity may affect both the levels and the growth rates of the GSP estimates. Users of the GSP estimates are strongly cautioned against appending the two data series in an attempt to construct a single time series of GSP estimates for 1963 to 2008.

3/ Revised from previous *Data Book*.

Source: U.S. Bureau of Economic Analysis, Gross State Product by Industry for 1963 to 1997 <<http://www.bea.gov/regional/index.htm>> accessed October 26, 2006 and 1997 to 2008 accessed June 2, 2009 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.04-- GROSS DOMESTIC PRODUCT, BY SIC INDUSTRY: 1977 TO 1997**

[In millions of current dollars. GDP estimates of private industries for 1987 forward are presented on the basis of the 1987 Standard Industrial Classification code (SIC). Estimates for earlier years are presented on the basis of the 1972 SIC. BEA revised estimates for 2005 to 2007 and an advance estimate for 2008 on June 2, 2009 but 1977 through 1997 estimates have not been revised. Formerly called 'Gross State Product']

Industry	1977	1982	1987	1992	1993	1994	1995	1996	1997
Total, all industries	9,373	15,396	23,321	35,204	35,929	36,256	36,572	36,959	37,923
Private industries	6,762	11,303	17,794	27,422	27,904	28,327	28,634	28,981	29,613
Agriculture, forestry, & fishing	212	339	446	484	460	463	445	462	467
Farms	181	289	340	291	270	273	247	269	278
Ag. serv, forestry, & fishing	31	50	105	194	189	190	198	193	189
Mining	(1/)	3	14	39	41	39	41	47	46
Construction	572	727	1,171	2,201	2,250	2,032	1,862	1,694	1,603
Manufacturing	512	684	989	1,227	1,068	1,111	1,077	1,106	1,063
Transp. and public utilities	940	1,454	2,331	3,385	3,271	3,455	3,744	3,869	3,970
Wholesale trade	460	655	920	1,358	1,405	1,459	1,445	1,476	1,480
Retail trade	995	1,628	2,516	3,731	3,876	3,972	4,040	4,124	4,173
Finan., insurance, & real estate	1,556	3,071	5,007	7,726	8,094	8,040	8,051	8,096	8,428
Real estate	1,213	2,284	3,625	6,211	6,481	6,501	6,592	6,691	6,872
Services	1,515	2,742	4,401	7,271	7,439	7,755	7,930	8,107	8,382
Hotels & other lodging places	436	780	1,105	1,692	1,704	1,824	1,934	2,056	2,170
Health services	316	589	970	1,754	1,861	1,958	2,001	2,021	2,046
Other than hotels & health	763	1,373	2,326	3,825	3,874	3,973	3,995	4,030	4,166
Government	2,611	4,093	5,526	7,782	8,026	7,930	7,938	7,978	8,310
Federal government	1,735	2,692	3,694	4,529	4,495	4,517	4,481	4,531	4,749
Civilian	680	1,127	1,415	1,732	1,756	1,799	1,855	1,818	1,985
Military	1,055	1,565	2,279	2,797	2,739	2,718	2,626	2,713	2,764
State and local government	876	1,401	1,832	3,254	3,531	3,412	3,457	3,447	3,561

1/ Less than \$500,000.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By Industry 1963 to 2008

<<http://www.bea.gov/regional/index.htm>> accessed June 2, 2009.

**Table 13.05-- GROSS DOMESTIC PRODUCT, BY NAICS INDUSTRY: 1997 TO 2008**

[In millions of current dollars. Formerly called 'Gross State Product'. GDP estimates are on a North American Industry Classification System (NAICS) basis. Estimates for 1977 to 1997 are presented on the basis of the Standard Industrial Classification (SIC). See previous table]

Industry	1997	1998	1999	2000	2001	2002	2003	2004	2005 1/	2006 1/	2007 1/	2008 1/
Total, all industries	37,546	37,549	38,625	40,202	41,822	43,476	46,441	50,414	54,863	59,131	62,019	63,847
Private industries	29,254	29,201	30,050	31,505	32,732	33,619	35,839	38,890	42,502	45,862	47,923	48,714
Agriculture, forestry, fishing, and hunting	363	359	374	365	347	378	394	399	401	377	362	332
Mining	17	19	23	28	31	32	35	35	37	54	76	74
Utilities	868	858	859	829	877	794	848	873	852	967	993	1,088
Construction	1,687	1,676	1,655	1,863	1,977	2,222	2,448	2,644	3,324	3,627	3,652	3,596
Manufacturing	858	772	782	781	813	878	895	865	953	1,011	1,059	1,091
Wholesale trade	1,331	1,324	1,369	1,386	1,466	1,546	1,655	1,787	1,856	1,919	2,029	2,094
Retail trade	2,955	2,847	2,901	3,017	3,143	3,221	3,484	3,732	4,062	4,303	4,456	4,495
Trans. & warehousing, excl. Postal Serv.	1,621	1,627	1,741	1,838	1,881	1,583	1,578	1,818	2,084	2,378	2,384	2,263
Information	1,149	1,171	1,229	1,285	1,285	1,175	1,157	1,289	1,329	1,421	1,408	1,391
Finance and insurance	1,770	1,668	1,640	1,844	1,914	2,101	2,115	2,241	2,463	2,517	2,494	2,454
Real estate, rental, and leasing	6,154	6,232	6,571	6,769	7,081	7,105	7,625	8,425	9,375	10,388	11,268	11,449
Professional and technical services	1,634	1,670	1,668	1,707	1,853	1,917	2,100	2,243	2,471	2,668	2,810	3,042
Management of companies & enterprises	463	466	457	431	406	499	531	728	677	666	688	699
Administrative and waste services	959	972	1,070	1,161	1,258	1,410	1,619	1,672	1,698	1,851	1,988	2,048
Educational services	355	366	372	403	417	441	492	531	561	598	634	683
Health care and social assistance	2,372	2,464	2,507	2,653	2,822	2,954	3,184	3,378	3,648	3,838	3,993	4,235
Arts, entertainment, and recreation	485	492	487	490	507	547	553	591	632	661	697	722
Accommodation and food services	3,197	3,151	3,271	3,574	3,526	3,676	3,900	4,366	4,709	5,136	5,387	5,365
Other services, except government	1,016	1,067	1,073	1,080	1,126	1,142	1,226	1,272	1,370	1,480	1,544	1,592
Government	8,292	8,348	8,574	8,697	9,090	9,856	10,602	11,524	12,361	13,269	14,096	15,133
Federal civilian	1,985	2,037	2,095	2,244	2,277	2,499	2,653	2,784	2,895	3,054	3,183	(NA)
Federal military	2,764	2,753	2,760	2,878	3,112	3,331	3,636	4,077	4,459	4,855	5,219	(NA)
State and local	3,543	3,558	3,720	3,575	3,701	4,026	4,313	4,663	5,006	5,360	5,694	(NA)

NA Not available.

1/ Estimates for 2005 to 2007 are revised from previous *Data Book* and 2008 is advance.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product By Industry 1963 to 2008 (June 2, 2009) <<http://www.bea.gov/regional/index.htm>> accessed June 2, 2009.

**Table 13.06-- TOTAL AND PER CAPITA PERSONAL INCOME  
FOR THE UNITED STATES AND HAWAII: 1969 TO 2007**

Year	Personal income (millions of dollars)		Resident population (1,000's) 1/		Per capita personal income 2/		Hawaii as percent of U.S. average
	U.S.	Hawaii	U.S.	Hawaii	Dollars		
					U.S.	Hawaii	
1969	772,235	3,375	201,298	743	3,836	4,543	118.4
1970	832,429	3,886	203,799	763	4,085	5,094	124.7
1971	897,952	4,225	206,818	792	4,342	5,338	122.9
1972	987,137	4,653	209,275	818	4,717	5,687	120.6
1973	1,105,605	5,172	211,349	842	5,231	6,143	117.4
1974	1,217,556	5,945	213,334	858	5,707	6,928	121.4
1975	1,329,892	6,483	215,457	875	6,172	7,409	120.0
1976	1,469,467	7,041	217,554	892	6,754	7,891	116.8
1977	1,627,310	7,650	219,761	916	7,405	8,353	112.8
1978	1,831,117	8,465	222,098	929	8,245	9,114	110.5
1979	2,053,827	9,602	224,569	950	9,146	10,107	110.5
1980	2,298,255	11,073	227,225	968	10,114	11,443	113.1
1981	2,580,600	12,015	229,466	978	11,246	12,283	109.2
1982	2,764,886	12,715	231,664	994	11,935	12,794	107.2
1983	2,949,883	14,087	233,792	1,013	12,618	13,910	110.2
1984	3,275,805	15,352	235,825	1,028	13,891	14,935	107.5
1985	3,511,344	16,311	237,924	1,040	14,758	15,688	106.3
1986	3,708,199	17,225	240,133	1,052	15,442	16,377	106.1
1987	3,934,655	18,386	242,289	1,068	16,240	17,217	106.0
1988	4,237,460	20,161	244,499	1,080	17,331	18,671	107.7
1989	4,571,133	22,462	246,819	1,095	18,520	20,521	110.8
1990	4,861,936	24,704	249,623	1,113	19,477	22,186	113.9
1991	5,032,196	26,026	252,981	1,137	19,892	22,895	115.1
1992	5,349,384	27,910	256,514	1,159	20,854	24,089	115.5
1993	5,548,121	28,799	259,919	1,173	21,346	24,555	115.0
1994	5,833,906	29,424	263,126	1,188	22,172	24,777	111.7
1995	6,144,741	29,926	266,278	1,197	23,076	25,004	108.4
1996	6,512,485	30,122	269,394	1,204	24,175	25,024	103.5
1997	6,907,332	31,002	272,647	1,212	25,334	25,587	101.0
1998	7,415,709	31,757	275,854	1,215	26,883	26,132	97.2
1999	7,796,137	32,646	279,040	1,210	27,939	26,973	96.5
2000	8,422,074	34,451	282,194	1,212	29,845	28,435	95.3
2001	8,716,992	35,126	285,112	1,219	30,574	28,826	94.3
2002	8,872,871	36,370	287,888	1,229	30,821	29,599	96.0
2003	9,150,320	37,837	290,448	1,240	31,504	30,506	96.8
2004	9,711,363	41,027	293,192	1,254	33,123	32,713	98.8
2005 3/	10,252,849	44,112	295,896	1,268	34,650	34,800	100.4
2006 3/	10,977,312	47,338	298,755	1,279	36,744	37,022	100.8
2007 3/	11,631,571	50,130	301,621	1,283	38,564	39,060	101.3

1/ Resident population as of July 1 of year indicated.

2/ Per capita personal income is total personal income divided by July 1 population.

3/ Personal income and per capita personal income data have been revised from previous *Data Book*.

Source: U.S. Bureau of Economic Analysis, State Personal Income (September 18, 2008)

<<http://www.bea.gov/bea/regional/spi/>> accessed September 18, 2008; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.07-- TOTAL AND PER CAPITA DISPOSABLE PERSONAL INCOME  
FOR THE UNITED STATES AND HAWAII: 1969 TO 2007**

Year	Disposable personal income (millions of dollars)		Resident population (1,000's) 1/		Per capita disposable personal income 2/		
	U.S.	Hawaii	U.S.	Hawaii	Dollars		Hawaii as percent of U.S. average
					U.S.	Hawaii	
1969	668,431	2,893	201,298	743	3,321	3,893	117.2
1970	730,003	3,348	203,799	763	3,582	4,389	122.5
1971	796,776	3,703	206,818	792	3,853	4,677	121.4
1972	864,050	4,024	209,275	818	4,129	4,918	119.1
1973	973,708	4,485	211,349	842	4,607	5,328	115.7
1974	1,067,041	5,183	213,334	858	5,002	6,040	120.8
1975	1,182,746	5,786	215,457	875	5,489	6,613	120.5
1976	1,297,655	6,239	217,554	892	5,965	6,991	117.2
1977	1,430,350	6,747	219,761	916	6,509	7,368	113.2
1978	1,602,345	7,409	222,098	929	7,215	7,976	110.5
1979	1,785,867	8,378	224,569	950	7,952	8,818	110.9
1980	2,000,112	9,684	227,225	968	8,802	10,007	113.7
1981	2,236,313	10,514	229,466	978	9,746	10,748	110.3
1982	2,411,721	11,337	231,664	994	10,410	11,408	109.6
1983	2,598,458	12,570	233,792	1,013	11,114	12,412	111.7
1984	2,899,298	13,748	235,825	1,028	12,294	13,374	108.8
1985	3,095,021	14,545	237,924	1,040	13,008	13,990	107.5
1986	3,271,998	15,322	240,133	1,052	13,626	14,568	106.9
1987	3,446,741	16,131	242,289	1,068	14,226	15,106	106.2
1988	3,733,639	17,664	244,499	1,080	15,271	16,358	107.1
1989	4,006,239	19,472	246,819	1,095	16,231	17,789	109.6
1990	4,270,546	21,456	249,623	1,113	17,108	19,269	112.6
1991	4,446,970	22,472	252,981	1,137	17,578	19,769	112.5
1992	4,739,861	24,589	256,514	1,159	18,478	21,223	114.9
1993	4,902,527	25,397	259,919	1,173	18,862	21,655	114.8
1994	5,144,175	25,971	263,126	1,188	19,550	21,869	111.9
1995	5,401,598	26,559	266,278	1,197	20,286	22,190	109.4
1996	5,681,339	26,586	269,394	1,204	21,089	22,086	104.7
1997	5,982,027	27,341	272,647	1,212	21,941	22,565	102.8
1998	6,389,738	27,910	275,854	1,215	23,163	22,967	99.2
1999	6,689,767	28,625	279,040	1,210	23,974	23,651	98.7
2000	7,187,588	30,111	282,194	1,212	25,470	24,853	97.6
2001	7,480,971	30,701	285,112	1,219	26,239	25,195	96.0
2002	7,822,136	32,308	287,888	1,229	27,171	26,293	96.8
2003	8,150,333	33,841	290,448	1,240	28,061	27,284	97.2
2004	8,666,164	36,712	293,192	1,254	29,558	29,272	99.0
2005 3/	9,046,313	39,004	295,896	1,268	30,573	30,771	100.6
2006 3/	9,625,456	41,752	298,755	1,279	32,219	32,653	101.3
2007 3/	10,140,209	44,103	301,621	1,283	33,619	34,365	102.2

1/ Resident population as of July 1 of year indicated.

2/ Per capita disposable personal income is total disposable personal income divided by July 1 population.

3/ Disposable personal income and per capita disposable personal income are revised from previous *Data Book*.

Source: U.S. Bureau of Economic Analysis, State Personal Income, released September 18, 2008

<<http://www.bea.gov/bea/regional/spi/>> accessed September 18, 2008; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.08-- PERSONAL INCOME BY MAJOR SOURCE, BY SIC INDUSTRY:  
1998 TO 2001**

[In millions of dollars. Industries are grouped according to the Standard Industrial Classification (SIC) Code. BEA released personal income revisions for 2005 to 2007 on September 18, 2008. The SIC data here were not affected]

Item	1998	1999	2000	2001
Personal income	31,756.7	32,645.7	34,450.9	35,126.3
Earnings by place of work	24,412.5	25,133.1	26,478.3	26,959.9
Wage and salary disbursements	17,707.2	18,289.5	19,266.7	19,889.4
Suppl. to wages and salaries 1/	4,224.9	4,129.1	4,324.7	4,663.9
Proprietors' income 2/	2,480.5	2,714.6	2,886.8	2,406.5
Farm proprietors' income	40.4	49.6	11.0	15.2
Nonfarm proprietors' income	2,440.2	2,665.0	2,875.9	2,391.3
Dividends, interest, and rent 3/	6,099.9	6,191.2	6,567.2	6,595.8
Personal current transfer receipts 4/	3,735.9	3,882.4	4,073.7	4,356.7
Less: Contrib. for gov't social ins. 5/	2,491.6	2,561.0	2,668.3	2,786.0
Earnings by industry	24,412.5	25,133.1	26,478.3	26,959.9
Farm earnings	220.5	251.7	212.0	214.8
Nonfarm earnings	24,192.0	24,881.4	26,266.3	26,745.1
Private earnings	16,835.2	17,384.7	18,595.9	18,658.6
Ag. serv., forestry, fishing & oth.	145.8	151.5	162.0	161.2
Mining	27.9	31.0	33.8	33.3
Construction	1,391.4	1,402.4	1,568.0	1,567.5
Manufacturing	846.6	871.8	902.6	886.9
Durable goods	197.7	209.4	237.7	259.4
Nondurable goods	648.9	662.4	664.9	627.5
Transport. and public utilities	1,920.4	1,977.3	2,108.7	2,209.5
Wholesale trade	876.4	901.0	956.5	950.1
Retail trade	2,675.3	2,831.2	2,850.8	2,807.1
Finance, insur., and real estate	2,011.1	2,091.5	2,319.8	2,160.4
Services	6,940.2	7,127.0	7,693.8	7,882.7
Hotels and other lodging places	1,400.7	1,419.8	1,545.3	(NA)
Business services	872.9	993.8	1,108.2	(NA)
Health services	1,897.6	1,899.3	2,016.9	(NA)
Other	2,769.0	2,814.1	3,023.5	(NA)
Gov't and gov't enterprises	7,356.8	7,496.7	7,670.4	8,086.5
Federal	4,291.0	4,339.9	4,592.6	4,820.0
Federal, civilian	1,872.5	1,917.8	2,062.9	2,091.3
Military	2,418.5	2,422.0	2,529.7	2,728.7
State and local	3,065.8	3,156.8	3,077.8	3,266.5
State government	2,241.8	2,322.5	2,274.0	2,440.8
Local government	824.0	834.3	803.8	825.7

Continued on next page.

**Table 13.08-- PERSONAL INCOME BY MAJOR SOURCE, BY SIC INDUSTRY:  
1998 TO 2001 -- Con.**

NA Not available.

1/ This component of personal income consists of employer contributions for employee pension and insurance funds and of employer contributions for government social insurance.

2/ Proprietors' income includes the inventory valuation adjustment and the capital consumption adjustment.

3/ Rental income of persons includes the capital consumption adjustment.

4/ This component of personal income is payments to persons for which no current services are performed. It consists of payments to individuals and to nonprofit institutions by Federal, state, and local governments and by businesses.

5/ These contributions are included in earnings by type and industry, but are subtracted in the calculation of personal income. They consist of personal contributions for government social insurance and employer contributions for government social insurance.

Source: U.S. Bureau of Economic Analysis, State Personal Income, released September 26, 2006 <<http://www.bea.gov/bea/regional/spi/>> accessed September 26, 2006; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.09-- PERSONAL INCOME BY MAJOR SOURCE, BY NAICS  
INDUSTRY: 2003 TO 2007**

[In millions of dollars. The estimates for earnings for 2003 to 2006 are based on the 2002 North American Industry System (NAICS), and for 2007 on the 2007 NAICS. Estimates for 2005 to 2007 are revised from previous *Data Book*]

Item	2003	2004	2005	2006	2007
PERSONAL INCOME	37,836.9	41,027.3	44,111.6	47,337.9	50,129.5
Earnings by place of work	30,403.8	33,042.8	35,513.2	37,823.6	39,529.0
Less: contrib. for gov't social insurance 1/	3,226.7	3,419.4	3,640.9	3,892.4	4,031.9
Employee and self-employed	1,595.7	1,735.4	1,853.5	1,987.4	2,088.5
Employer	1,631.0	1,684.0	1,787.4	1,904.9	1,943.4
Net earnings by place of residence	27,177.1	29,623.4	31,872.3	33,931.2	35,497.1
Dividends, interest, and rent 2/	5,782.4	6,203.7	6,580.8	7,446.2	8,095.7
Personal current transfer receipts 3/	4,877.4	5,200.1	5,658.5	5,960.5	6,536.7
Wage and salary disbursements	22,117.1	23,791.0	25,352.2	27,051.2	28,564.0
Supp. to wages & salaries- employer contrib.	5,846.8	6,542.0	7,213.5	7,628.1	7,995.0
For employee pension and insurance funds	4,215.8	4,858.0	5,426.0	5,723.1	6,051.6
For government social insurance	1,631.0	1,684.0	1,787.4	1,904.9	1,943.4
Proprietors' income 4/	2,439.9	2,709.8	2,947.5	3,144.3	2,970.0
Farm proprietors' income	20.2	(5/)	3.0	0.9	-5.9
Nonfarm proprietors' income	2,419.7	2,709.9	2,944.5	3,143.4	2,975.9
Farm earnings	217.3	221.0	212.9	209.8	212.7
Nonfarm earnings	30,186.5	32,821.8	35,300.3	37,613.8	39,316.3
Private earnings	20,608.7	22,441.1	24,107.1	25,618.5	26,548.2
Forestry, fishing, rel. activities, & other	65.4	55.6	53.9	53.0	41.4
Mining	36.8	44.5	50.0	53.4	55.2
Utilities	255.7	287.2	283.4	292.9	305.8
Construction	2,067.4	2,231.3	2,736.1	3,003.5	3,187.9
Manufacturing	753.1	887.3	916.1	999.6	1,003.0
Wholesale trade	901.3	959.4	1,020.7	1,080.8	1,149.6
Retail trade	2,081.7	2,191.6	2,345.7	2,458.8	2,504.7
Transportation and warehousing	1,218.0	1,343.6	1,477.0	1,538.5	1,619.7
Information	649.9	693.6	689.8	758.0	759.1
Finance and insurance	1,106.6	1,201.1	1,234.5	1,302.8	1,292.8
Real estate and rental and leasing	850.5	954.1	1,073.8	1,064.1	1,018.1
Professional and technical services	1,789.1	1,908.4	2,121.1	2,288.1	2,379.6
Management of companies & enterprises	491.1	694.2	626.1	631.9	655.3
Administrative and waste services	1,271.3	1,356.2	1,334.8	1,473.3	1,580.1
Educational services	439.3	468.1	492.7	523.2	555.7
Health care and social assistance	2,678.7	2,868.2	3,082.1	3,231.1	3,362.0
Arts, entertainment, and recreation	397.7	412.9	436.1	448.9	470.7
Accommodation and food services	2,565.1	2,849.4	3,029.2	3,231.9	3,375.8
Other services, except public admin.	990.1	1,034.3	1,104.1	1,184.7	1,231.7

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**Table 13.09-- PERSONAL INCOME BY MAJOR SOURCE, BY NAICS  
INDUSTRY: 2003 TO 2007 -- Con.**

Item	2003	2004	2005	2006	2007
Government and government enterprises	9,577.8	10,380.8	11,193.3	11,995.3	12,768.1
Federal	5,716.0	6,279.5	6,750.7	7,248.5	7,744.7
Civilian	2,428.9	2,572.8	2,682.7	2,816.2	2,973.8
Military	3,287.1	3,706.7	4,068.0	4,432.3	4,770.9
State and local	3,861.8	4,101.3	4,442.6	4,746.8	5,023.4
State	2,864.8	3,144.4	3,412.2	3,649.5	3,849.8
Local	997.0	956.8	1,030.4	1,097.3	1,173.6

1/ These contributions are included in earnings by type and industry, but are subtracted in the calculation of personal income. They consist of personal contributions for government social insurance and employer contributions for government social insurance.

2/ Rental income of persons includes the capital consumption adjustment.

3/ This component of personal income is payments to persons for which no current services are performed. It consists of payments to individuals and to nonprofit institutions by Federal, state, and local governments and by businesses.

4/ Proprietors' income includes the inventory valuation adjustment and the capital consumption adjustment.

5/ Value rounds to zero.

Source: U.S. Bureau of Economic Analysis, State Personal Income, released September 18, 2008  
<<http://www.bea.gov/bea/regional/spi/>> accessed September 18, 2008; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.10-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND  
POPULATION BY COUNTY: 1969 TO 2007**

Year	State total	City and County of Honolulu	Hawaii	Kauai	Maui and Kalawao
Total (thousands of dollars)					
1969	3,375,343	2,868,540	225,459	110,765	170,579
1970	3,885,969	3,299,225	267,742	119,963	199,039
1971	4,225,383	3,571,984	300,634	133,443	219,322
1972	4,652,816	3,937,311	331,922	142,182	241,401
1973	5,171,567	4,375,314	368,777	159,691	267,785
1974	5,944,884	4,859,718	507,755	218,992	358,419
1975	6,482,900	5,391,605	503,431	209,571	378,293
1976	7,041,418	5,863,802	529,536	226,384	421,696
1977	7,649,619	6,346,689	581,679	248,307	472,944
1978	8,464,876	7,018,463	646,382	272,889	527,142
1979	9,602,090	7,934,895	741,270	312,960	612,965
1980	11,073,026	9,012,542	935,400	388,237	736,847
1981	12,014,931	9,896,258	944,732	399,637	774,304
1982	12,714,910	10,446,675	995,240	432,874	840,121
1983	14,087,015	11,468,322	1,132,964	492,190	993,539
1984	15,352,128	12,593,257	1,188,123	511,692	1,059,056
1985	16,310,942	13,369,457	1,241,309	549,408	1,150,768
1986	17,225,103	14,035,059	1,342,121	592,561	1,255,362
1987	18,385,945	14,964,292	1,429,411	632,909	1,359,333
1988	20,161,476	16,320,100	1,557,860	748,181	1,535,335
1989	22,462,110	18,029,631	1,789,583	868,678	1,774,218
1990	24,703,972	19,757,634	1,999,553	954,190	1,992,595
1991	26,026,493	20,738,110	2,167,559	1,033,423	2,087,401
1992	27,909,660	22,218,097	2,300,625	1,090,632	2,300,306
1993	28,799,014	22,826,450	2,418,474	1,133,079	2,421,011
1994	29,424,095	23,221,255	2,497,283	1,181,347	2,524,210
1995	29,926,414	23,565,253	2,552,238	1,225,950	2,582,973
1996	30,122,266	23,646,046	2,626,445	1,221,403	2,628,372
1997	31,001,852	24,363,482	2,693,916	1,238,384	2,706,070
1998	31,756,672	24,770,656	2,865,367	1,272,456	2,848,193
1999	32,645,715	25,302,751	2,987,074	1,319,431	3,036,459
2000	34,450,883	26,604,764	3,195,347	1,410,114	3,240,658
2001	35,126,283	26,976,012	3,371,216	1,434,026	3,345,029
2002	36,369,874	27,818,834	3,563,723	1,463,689	3,523,628
2003	37,836,854	28,885,499	3,721,683	1,538,491	3,691,181
2004	41,027,276	31,244,076	4,056,218	1,684,901	4,042,081
2005 1/	44,111,354	33,457,268	4,464,612	1,820,964	4,368,510
2006 1/	47,334,472	35,765,802	4,842,733	1,950,248	4,775,689
2007 1/	50,125,395	37,835,408	5,124,976	2,093,480	5,071,531

Continued on next page.

**Table 13.10-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND  
POPULATION BY COUNTY: 1969 TO 2007-- Con.**

Year	State total	City and County of Honolulu	Hawaii	Kauai	Maui and Kalawao
Per capita 2/ (dollars)					
1969	4,543	4,754	3,573	3,687	3,675
1970	5,094	5,289	4,213	4,050	4,327
1971	5,338	5,643	4,090	4,014	4,235
1972	5,687	5,922	4,747	4,462	4,688
1973	6,143	6,399	5,062	4,909	5,082
1974	6,928	6,962	6,872	6,731	6,679
1975	7,409	7,617	6,520	6,292	6,675
1976	7,891	8,179	6,580	6,511	7,008
1977	8,353	8,635	7,041	7,012	7,535
1978	9,114	9,478	7,546	7,436	7,993
1979	10,107	10,532	8,322	8,232	8,815
1980	11,443	11,799	10,069	9,861	10,288
1981	12,283	12,893	9,828	9,878	10,457
1982	12,794	13,461	10,073	10,355	10,896
1983	13,910	14,533	11,244	11,501	12,410
1984	14,935	15,785	11,476	11,727	12,764
1985	15,688	16,623	11,722	12,386	13,515
1986	16,377	17,318	12,386	13,004	14,365
1987	17,217	18,284	12,793	13,408	15,015
1988	18,671	19,804	13,733	15,411	16,374
1989	20,521	21,688	15,350	17,427	18,325
1990	22,186	23,562	16,447	18,465	19,591
1991	22,895	24,383	17,032	19,360	19,767
1992	24,089	25,717	17,478	20,034	21,184
1993	24,555	26,227	17,903	20,430	21,627
1994	24,777	26,430	18,134	20,917	21,997
1995	25,004	26,736	18,166	21,482	21,909
1996	25,024	26,766	18,505	21,173	21,778
1997	25,587	27,476	18,650	21,458	22,041
1998	26,132	27,929	19,648	21,998	22,850
1999	26,973	28,789	20,324	22,646	24,068
2000 1/	28,437	30,404	21,437	24,102	25,149
2001 1/	28,840	30,759	22,355	24,421	25,456
2002 1/	29,632	31,531	23,286	24,637	26,561
2003 1/	30,555	32,544	23,838	25,657	27,410
2004 1/	32,782	34,953	25,373	27,650	29,536
2005 1/	34,885	37,188	27,147	29,566	31,486
2006 1/	37,117	39,558	28,645	31,481	34,083
2007 1/	39,242	42,015	29,702	33,356	35,835

Continued on next page.

**Table 13.10-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND  
POPULATION BY COUNTY: 1969 TO 2007-- Con.**

Year	State total	City and County of Honolulu	Hawaii	Kauai	Maui and Kalawao
Population 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/	1,211,479	875,054	149,060	58,506	128,859
2001 1/	1,217,955	877,024	150,806	58,722	131,403
2002 1/	1,227,391	882,278	153,040	59,409	132,664
2003 1/	1,238,333	887,576	156,127	59,963	134,667
2004 1/	1,251,532	893,879	159,865	60,937	136,851
2005 1/	1,264,468	899,673	164,462	61,589	138,744
2006 1/	1,275,264	904,134	169,061	61,950	140,119
2007 1/	1,277,356	900,525	172,547	62,761	141,523

1/ Revised from previous *Data Book*.

2/ Per capita personal income was computed by BEA using Census Bureau midyear population estimates. Estimates for 2000-2007 reflect county population estimates available as of April, 2009.

Source: U.S. Bureau of Economic Analysis, Local Area Personal Income (April 23, 2009)  
<<http://www.bea.gov/regional/reis/>> accessed April 23, 2009.

**Table 13.11-- PERFORMANCE INDEXES FOR METROPOLITAN STATISTICAL AREA, HONOLULU AND LAS VEGAS-PARADISE, NV: 2008**

[United States average = 100.0 unless otherwise indicated. The higher the performance score, the lower the rank. The 2007 and 2008 reports were released in those years but include data collected in the previous year while the 2005 report was released in 2006 but data were collected in 2005]

Category and location 1/	Score	Rank
Honolulu 2/		
Overall 3/	432.40	94
5-year job growth (2002 to 2007)	104.27	48
1-year job growth (2006 to 2007)	99.49	128
5-year wages and salaries growth (2001 to 2006)	110.00	31
1-year wages and salaries growth (2005 to 2006)	100.01	94
Job growth (March 2007 to March 2008) (percent)	0.64	90
5-year relative high tech GDP growth (2002 to 2007)	104.64	64
1-yr relative high tech GDP growth (2006 to 2007)	98.77	137
High-tech GDP location quotient - 2007 (U.S. = 1.0) 4/	0.52	157
High-tech GDP location quotients over 1 - 2007 (number) 5/	2	169
Las Vegas-Paradise, NV 2/		
Overall 3/	403.98	75
5-year job growth (2002 to 2007)	120.11	1
1-year job growth (2006 to 2007)	99.91	90
5-year wages and salaries growth (2001 to 2006)	126.98	4
1-year wages and salaries growth (2005 to 2006)	102.22	37
Job growth (March 2007 to March 2008) (percent)	0.28	159
5-year relative high tech GDP growth (2002 to 2007)	100.10	83
1-yr relative high tech GDP growth (2006 to 2007)	96.00	181
High-tech GDP location quotient - 2007 (U.S. = 1.0) 4/	0.38	190
High-tech GDP location quotients over 1 - 2007 (number) 5/	1	188

1/ As compared to the United States average.

2/ Metropolitan Statistical Area (MSA) population in 2007 for Honolulu is 906,000 and for Las Vegas-Paradise, NV is 1,836,000.

3/ Overall score is 100.00 for Provo-Orem, Utah, the MSA achieving a rank of 1 in 2008.

4/ Combined metropolitan area high-tech location quotient (LQ) where LQ is a measure of high-tech concentration. A metro with an LQ higher than 1.0 is said to be more concentrated than the United States and vice versa.

5/ Measures the number of highly concentrated high-tech industries or those with a location quotient (LQ) compared to the U.S. average of 1.0.

Source: Milken Institute, *Best Performing Cities 2008* (September 2008)

<[http://bestcities.milkeninstitute.org/2008\\_LC\\_Metros.pdf](http://bestcities.milkeninstitute.org/2008_LC_Metros.pdf)> accessed September 10, 2008. See also <<http://www.milkeninstitute.org/pdf/bpc2008.pdf>>.

**Table 13.12-- ECONOMIC ESTIMATES AND PROJECTIONS FOR THE  
STATE AND BY COUNTY: 2007 TO 2035**

[See Section 1 for population projections from the same source]

Year	Gross domestic product (millions of 2000 dollars)	Personal income		
		Total personal income (millions of 2000 dollars)	Per capita personal income (2000 dollars)	Labor income (millions of 2000 dollars) 1/
State total				
2007 2/	49,424	40,260	31,518	31,745
2015	54,200	45,190	33,040	35,910
2020	58,900	48,990	34,200	38,540
2025	63,800	53,080	35,570	41,210
2030	69,200	57,460	37,130	43,930
2035	75,000	62,130	38,860	46,720
Honolulu				
2007 2/	(NA)	30,389	33,746	24,434
2015	(NA)	33,890	35,980	27,580
2020	(NA)	36,460	37,610	29,490
2025	(NA)	39,230	39,440	31,440
2030	(NA)	42,190	41,460	33,470
2035	(NA)	45,330	43,660	35,560
Hawaii				
2007 2/	(NA)	4,116	23,856	2,875
2015	(NA)	4,780	23,980	3,340
2020	(NA)	5,410	24,370	3,670
2025	(NA)	6,090	25,090	4,010
2030	(NA)	6,820	26,070	4,350
2035	(NA)	7,630	27,280	4,700

Continued on next page.

**Table 13.12-- ECONOMIC ESTIMATES AND PROJECTIONS FOR THE STATE AND BY COUNTY: 2007 TO 2035-- Con.**

Year	Gross domestic product (millions of 2000 dollars)	Personal income		
		Total personal income (millions of 2000 dollars)	Per capita personal income (2000 dollars)	Labor income (millions of 2000 dollars) 1/
Maui				
2007 2/	(NA)	4,073	28,783	3,187
2015	(NA)	4,640	29,370	3,610
2020	(NA)	5,080	30,060	3,900
2025	(NA)	5,550	30,930	4,190
2030	(NA)	6,040	31,920	4,460
2035	(NA)	6,560	33,030	4,730
Kauai				
2007 2/	(NA)	1,681	26,791	1,249
2015	(NA)	1,880	27,420	1,390
2020	(NA)	2,040	28,310	1,480
2025	(NA)	2,220	29,370	1,570
2030	(NA)	2,400	30,510	1,650
2035	(NA)	2,600	31,750	1,740

NA Not available.

1/ Labor income is the sum of wages and salaries, supplements to wages and salaries, and proprietors' income.

2/ Actual data.

Source: Hawaii Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2035 - Revised* (July 2009), table 1-3 and Appendix table A-57  
<[http://hawaii.gov/dbedt/info/economic/data\\_reports/2035LongRangeSeries/](http://hawaii.gov/dbedt/info/economic/data_reports/2035LongRangeSeries/)> accessed August 5, 2009.

**Table 13.13-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES, UNRELATED INDIVIDUALS, AND PERSONS: 1949 TO 1999**

[In dollars. Based on censuses made in April of following year]

Year	Households	Families	Unrelated individuals with income 1/	Persons with income 1/	
				Male	Female
1949	(NA)	3,568	1,583	2,340	1,247
1959	(NA)	6,366	1,998	3,753	1,796
1969	10,675	11,664	2,981	6,528	3,222
1979	20,473	22,750	7,097	11,505	6,581
1989	38,829	43,176	(NA)	21,095	12,976
1999	49,820	56,961	(NA)	2/ 36,808	2/ 29,831

NA Not available.

1/ 14 years old and over through 1969, and 15 years old and over thereafter.

2/ Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions see <http://factfinder.census.gov/home/en/datanotes/expsf4.htm>.

Source: U.S. Bureau of the Census, *Census of Population: 1960*, PC(1)-13C (1962), tables 66 and 67 (for 1949 data); *1970 Census of Population*, PC(1)-C13 (December 1971), table 47 (for 1959 data); *1980 Census of Population*, PC80-1-C-13 (June 1983), table 61 (for 1969 and 1979 data); *1990 Census of Population and Housing*, 1990 CP-2-13 (September 1993), table 28 (for 1989 data); and U.S. Census Bureau, Census 2000, Table DP-3 Profile of Selected Economic Characteristics: 2000 (for 1999 data) <<http://www.hawaii.gov/dbedt/census2k/profile-state/index.html>> accessed July 23, 2002 and U.S. Census Bureau, Census 2000 Summary File 4 (SF 4) - Sample Data, PCT133. Median Income in 1999 dollars, by sex, by work experience in 1999 for the Population 15 years and over with income.

**Table 13.14-- MEDIAN INCOME OF FOUR-PERSON FAMILIES IN THE UNITED STATES AND HAWAII: 1974 TO 2007**

[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
2006	70,354	84,472	6	120.1
2007	72,336	84,438	6	116.7

Continued on next page.

**Table 13.14-- MEDIAN INCOME OF FOUR-PERSON FAMILIES IN THE UNITED STATES AND HAWAII: 1974 TO 2007 -- Con.**

1/ The term "calendar year" refers to the year the money income was received by the Current Population Survey respondents. Previous Data Book's tables included "fiscal year" (or, for this program, calendar year plus 3) which referred to the time period used for eligibility for the Department of Health and Human Services's Low Income Home Energy Assistance Program (LIHEAP). Estimates are as published in the *Federal Register*.

2/ Rank computed among the 50 states and the District of Columbia. Rank of 1 indicates the highest median income.

3/ Implementation of 1980 census population controls in CPS estimates.

4/ Implementation of 1990 census population controls in CPS estimates.

5/ In 1999, The U.S. Bureau of Economic Analysis revised its methodology in estimating personal per capita income.

6/ Implementation of Census 2000-based population controls in CPS estimates.

Source: U.S. Census Bureau, Median Income for 4-Person Families, By State, 1974-2003 (FY 1977-2006) <<http://www.census.gov/hhes/income/4person.html>> accessed April 25, 2005; and *Federal Register*: February 28, 2006 (Volume 71, Number 39), pp. 10037-10039 <<http://www.gpoaccess.gov/fr/index.html>> accessed April 25, 2006; *Federal Register*: March 28, 2007 (Volume 72, Number 59) pp. 14579-14581 <<http://www.gpoaccess.gov/fr/index.html>> accessed April 26, 2007; *Federal Register*: March 5, 2008 (Volume 73, Number 44), pp. 11924-11926 <<http://www.gpoaccess.gov/fr/index.html>> accessed March 31, 2008; *Federal Register*: March 13, 2009 (Volume 74, Number 48) (Page 10922-10924) <<http://www.gpoaccess.gov/fr/index.html>> accessed April 2, 2009; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.15 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, IN CURRENT AND CONSTANT 2007 DOLLARS: 1984 TO 2007**

[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 2007 CPI-U-RS adjusted dollars. The CPI-U-RS is a price index of inflation that incorporates most of the improvements in methodology made to the current CPI-U since 1978 into a single, uniform series. The Census Bureau recommends 2-year averages to evaluate changes in state estimates over time, and 3-year averages to compare the relative ranking of states]

Year	Median income in current dollars					
	United States			Hawaii		
	Amount (dollars)	Percent change	Standard error	Amount (dollars)	Percent change	Standard error
1984 1/	22,415	(NA)	102	28,877	(NA)	1,216
1985 2/	23,618	5.4	128	28,961	0.3	1,446
1986	24,897	5.4	129	29,003	0.1	1,206
1987 3/	25,986	4.4	127	35,022	20.8	1,074
1988	27,225	4.8	139	33,024	-5.7	1,482
1989	28,906	6.2	159	35,035	6.1	1,328
1990	29,943	3.6	153	38,921	11.1	1,414
1991	30,126	0.6	144	37,246	-4.3	1,630
1992 4/	30,636	1.7	145	42,113	13.1	1,435
1993 5/	31,241	2.0	146	42,662	1.3	1,759
1994 6/	32,264	3.3	147	42,255	-1.0	2,423
1995 7/	34,076	5.6	197	42,851	1.4	1,292
1996	35,492	4.2	179	41,772	-2.5	1,893
1997	37,005	4.3	171	40,934	-2.0	1,399
1998	38,885	5.1	230	40,827	-0.3	2,369
1999 8/	40,696	4.7	190	44,504	9.0	1,832
2000 9/	41,990	3.2	132	51,546	15.8	1,193
2001	42,228	0.6	129	47,439	-8.0	1,256
2002	42,409	0.4	139	47,303	-0.3	1,371
2003	43,318	2.1	188	51,834	9.6	1,332
2004 10/	44,334	2.3	196	56,242	8.5	1,690
2005	46,326	4.5	155	59,586	5.9	1,212
2006	48,201	4.0	207	60,470	1.5	1,571
2007	50,233	4.2	140	64,022	5.9	2,125

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**Table 13.15 -- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, IN CURRENT AND CONSTANT 2007 DOLLARS: 1984 TO 2007 -- Con.**

Year	Median income in constant (2007) dollars					
	United States			Hawaii		
	Amount (dollars)	Percent change	Standard error	Amount (dollars)	Percent change	Standard error
1984 1/	42,605	(NA)	194	54,888	(NA)	2,311
1985 2/	43,402	1.9	235	53,220	-3.0	2,657
1986	44,939	3.5	233	52,350	-1.6	2,177
1987 3/	45,371	1.0	222	61,148	16.8	1,875
1988	45,852	1.1	234	55,618	-9.0	2,496
1989	46,670	1.8	257	56,565	1.7	2,144
1990	46,049	-1.3	235	59,856	5.8	2,175
1991	44,726	-2.9	214	55,297	-7.6	2,420
1992 4/	44,359	-0.8	210	60,977	10.3	2,078
1993 5/	44,143	-0.5	206	60,281	-1.1	2,485
1994 6/	44,636	1.1	203	58,458	-3.0	3,352
1995 7/	46,034	3.1	266	57,889	-1.0	1,745
1996	46,704	1.5	236	54,968	-5.0	2,491
1997	47,665	2.1	220	52,726	-4.1	1,802
1998	49,397	3.6	292	51,864	-1.6	3,009
1999 8/	50,641	2.5	236	55,380	6.8	2,280
2000 9/	50,557	-0.2	159	62,063	12.1	1,436
2001	49,455	-2.2	151	55,558	-10.5	1,471
2002	48,878	-1.2	160	54,518	-1.9	1,580
2003	48,835	-0.1	212	58,436	7.2	1,502
2004 10/	48,665	-0.3	215	61,736	5.6	1,855
2005	49,202	1.1	165	63,285	2.5	1,287
2006	49,568	0.7	213	62,185	-1.7	1,616
2007	50,233	1.3	140	64,022	3.0	2,125

NA Not available.

1/ Data reflect implementation of Hispanic population weighting controls and introduction of 1980 census-based sample design.

2/ Recording of amounts for earnings from longest job were increased to \$299,999. Data reflect full implementation of 1980 census-based sample design.

3/ Data reflect implementation of a new March CPS processing system.

4/ Data reflect implementation of 1990 census population controls.

5/ Data collection method changed from paper and pencil to computer-assisted interviewing. In addition, the March 1994 income supplement was revised to allow for the coding of different income amounts on selected questionnaire items. Child support and alimony limits decreased to \$49,999. Limits increased in the following categories: earnings to \$999,999; social security to \$49,999; supplemental security income and public assistance income to \$24,999; and veterans' benefits to \$99,999.

6/ Data reflect introduction of 1990 census-based sample design.

7/ Data reflect full implementation of the 1990 census-based sample design and metropolitan definitions, 7,000 household sample reduction, and revised race edits.

8/ Implementation of Census 2000-based population controls.

9/ Implementation of a 28,000 household sample expansion.

10/ Data have been revised to reflect a correction to the weights in the 2005 Annual Social and Economic Supplement to the Current Population Survey.

Source: U.S. Census Bureau, Historical Income Tables - Households, Table H-8. Median Household Income by State: 1984 to 2007 <<http://www.census.gov/hhes/www/income/histinc/h08.html>> accessed December 5, 2008.

**Table 13.16- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 2-YEAR MOVING AVERAGES IN CONSTANT 2007 DOLLARS: 1984 TO 2007**

[Based on small samples and subject to considerable sampling variation. From surveys conducted in March or April of following year. The Census Bureau recommends 2-year averages to evaluate changes in state estimates over time, and 3-year averages to compare the relative ranking of states]

Year	Median income, 2-year moving averages 1/					
	United States			Hawaii		
	Income (dollars)	Percent change	Standard error	Income (dollars)	Percent change	Standard error
1984-1985	43,004	(NA)	177	54,054	(NA)	2,043
1985-1986	44,170	2.7	192	52,785	-2.3	1,991
1986-1987	45,155	2.2	187	56,749	7.5	1,667
1987-1988	45,612	1.0	187	58,383	2.9	1,804
1988-1989	46,261	1.4	202	56,092	-3.9	1,909
1989-1990	46,359	0.2	202	58,210	3.8	1,774
1990-1991	45,388	-2.1	185	57,576	-1.1	1,889
1991-1992	44,543	-1.9	174	58,137	1.0	1,850
1992-1993	44,251	-0.7	171	60,629	4.3	1,878
1993-1994	44,390	0.3	168	59,370	-2.1	2,411
1994-1995	45,335	2.1	194	58,173	-2.0	2,144
1995-1996	46,369	2.3	206	56,428	-3.0	1,753
1996-1997	47,185	1.8	187	53,847	-4.6	1,774
1997-1998	48,531	2.9	212	52,295	-2.9	2,006
1998-1999 2/	50,019	3.1	218	53,622	2.5	2,183
1999 2/ -2000 3/	50,599	1.2	164	58,722	9.5	1,545
2000 3/ -2001	50,006	-1.2	127	58,811	0.2	1,194
2001-2002	49,167	-1.7	128	55,038	-6.4	1,254
2002-2003	48,856	-0.6	154	56,477	2.6	1,266
2003-2004 4/	48,750	-0.2	175	60,086	6.4	1,383
2004 4/ -2005	48,934	0.4	157	62,511	4.0	1,301
2005-2006	49,385	0.9	156	62,735	0.4	1,196
2006-2007	49,901	1.0	146	63,104	0.6	1,543

NA Not available.

1/ Median income in 2007 CPI-U-RS adjusted dollars. The CPI-U-RS is a price index of inflation that incorporates most of the improvements in methodology made to the current CPI-U since 1978 into a single, uniform series. Base year was 2006 in *Data Book 2007*.

2/ Implementation of Census 2000-based population controls.

3/ Implementation of a 28,000 household sample expansion.

4/ 2004 data had been revised to reflect a correction to the weights in the 2005 Annual Social and Economic Supplement to the Current Population Survey.

Source: U.S. Census Bureau, "Table H-8A. Median Income of Households by State: 1984 to 2007 Two-Year Moving Averages" <<http://www.census.gov/hhes/www/income/histinc/h08A.html>> accessed December 15, 2008.

**Table 13.17- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 3-YEAR MOVING AVERAGES IN CONSTANT 2007 DOLLARS: 1984 TO 2007**

[Based on small samples and subject to considerable sampling variation. From surveys conducted in March or April of following year. The Census Bureau recommends 2-year averages to evaluate changes in state estimates over time, and 3-year averages to compare the relative ranking of states]

Year	Median income, 3-year moving averages 1/		
	United States (dollars)	Standard error	Rank between 2/
1984-1986	43,649	155	22-23
1985-1987	44,571	161	23-24
1986-1988	45,387	160	24-25
1987-1989	45,964	166	22-23
1988-1990	46,190	170	21-22
1989-1991	45,815	165	20-21
1990-1992	45,045	153	23-24
1991-1993	44,409	147	23-24
1992-1994	44,379	144	23-24
1993-1995	44,938	157	22-23
1994-1996	45,791	166	22-23
1995-1997	46,801	168	22-23
1996-1998	47,922	173	22-23
1997-1999 3/	49,234	177	22-23
1998-2000 4/	50,199	164	21-22
1999 3/ - 2001	50,218	128	20-21
2000 4/ - 2002	49,630	109	24-25
2001-2003	49,056	122	24-25
2002-2004 5/	48,793	138	20-21
2003-2005	48,901	139	21-22
2004-2006	49,145	137	22-23
2005-2007	49,668	124	20-21

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**Table 13.17- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 3-YEAR MOVING AVERAGES IN CONSTANT 2007 DOLLARS: 1984 TO 2007 -- Con.**

Year	Median income, 3-year moving averages 1/		
	Hawaii (dollars)	Standard error	Rank 2/
1984-1986	53,486	1,683	5
1985-1987	55,573	1,571	5
1986-1988	56,372	1,514	6
1987-1989	57,777	1,541	5
1988-1990	57,346	1,583	6
1989-1991	57,239	1,568	6
1990-1992	58,710	1,567	3
1991-1993	58,852	1,615	3
1992-1994	59,905	1,861	2
1993-1995	58,876	1,838	2
1994-1996	57,105	1,752	3
1995-1997	55,194	1,441	5
1996-1998	53,186	1,682	14
1997-1999 3/	53,323	1,703	16
1998-2000 4/	56,436	1,613	10
1999 3/ - 2001	57,667	1,211	9
2000 4/ - 2002	57,380	1,045	10
2001-2003	56,171	1,065	11
2002-2004 5/	58,230	1,145	8
2003-2005	61,152	1,104	4
2004-2006	62,402	1,097	3
2005-2007	63,164	1,185	4

1/ Median income in 2007 CPI-U-RS adjusted dollars. The CPI-U-RS is a price index of inflation that incorporates most of the improvements in methodology made to the current CPI-U since 1978 into a single, uniform series. Base year was 2006 in *Data Book 2007*.

2/ Rank among the 50 states and the District of Columbia. A rank of 1 indicates the highest median income and a rank for the United States average indicates its relative place among the 50 states and District of Columbia.

3/ Implementation of Census 2000-based population controls.

4/ Implementation of a 28,000 household sample expansion.

5/ Data have been revised to reflect a correction to the weights in the 2005 Annual Social and Economic Supplement to the Current Population Survey.

Source: U.S. Census Bureau, "Table H-8B. Median Income of Households by State: 1984 to 2007 Three-Year Moving Averages" <<http://www.census.gov/hhes/www/income/histinc/h08B.html>> accessed December 15, 2008; and calculations by Hawaii Department of Business, Economic Development & Tourism.

**Table 13.18-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES AND  
PERCENT OF FAMILIES AND PERSONS BELOW POVERTY LEVEL,  
BY COUNTY AND SELECTED URBAN PLACE: 1999**

Geographic area	Median income (dollars)		Percent below poverty level 1/	
	Households	Families	Persons	Families
State total	49,820	56,961	10.7	7.6
County				
Hawaii	39,805	46,480	15.7	11.0
Honolulu	51,914	60,118	9.9	7.0
Kalawao	9,333	26,250	40.1	0.0
Kauai	45,020	51,378	10.5	8.4
Maui	49,489	55,277	10.5	7.7
Census designated place				
Hilo	39,139	48,150	17.1	11.1
Honolulu	45,112	56,311	11.8	7.9
Kailua (Oahu)	72,784	79,118	5.4	3.3
Kaneohe	66,006	71,316	6.1	4.4
Pearl City	62,036	67,246	6.2	4.0
Waipahu	49,444	51,855	13.8	10.6
Kahului	46,656	52,610	11.8	9.7
Lihue	44,906	56,875	4.6	1.7

1/ Based on U.S. poverty thresholds. Thresholds in Hawaii are about 15 percent higher; these statistics accordingly understate the prevalence of poverty in Hawaii.

Source: U.S. Census Bureau, Census 2000, Table DP-3. Profile of Selected Economic Characteristics: 2000  
<<http://www.hawaii.gov/dbedt/census2k/profile-state/index.html>>,  
<<http://www.hawaii.gov/dbedt/census2k/profile-hawaii/index.html>>,  
<<http://www.hawaii.gov/dbedt/census2k/profile-honolulu/index.html>>,  
<<http://www.hawaii.gov/dbedt/census2k/profile-kauai/index.html>>, and  
<<http://www.hawaii.gov/dbedt/census2k/profile-maui/index.html>> accessed July 23, 2002.

**Table 13.19-- ESTIMATED MEDIAN HOUSEHOLD INCOME AND POVERTY STATUS, BY COUNTY: 2006 and 2007**

[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 2/				Persons under 18 in poverty			
	Dollars	90% confidence interval 1/	Number	90% confidence interval 1/	Percent	90% confidence interval 1/	Number	90% confidence interval 1/	Percent	90% confidence interval 1/
2006										
State total	60,554	59,522 to 61,586	117,811	112,601 to 123,021	9.4	9.0 to 9.8	34,462	31,744 to 37,181	11.8	10.9 to 12.7
County:										
Hawaii	51,454	48,532 to 54,376	23,202	20,249 to 26,155	13.8	12.0 to 15.5	6,917	5,666 to 8,168	17.7	14.5 to 20.9
Honolulu	62,534	60,631 to 64,436	74,969	66,578 to 83,360	8.5	7.6 to 9.5	21,626	18,015 to 25,237	10.5	8.7 to 12.2
Kalawao 3/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Kauai	50,764	46,752 to 54,775	5,888	4,797 to 6,980	9.4	7.7 to 11.2	1,845	1,450 to 2,241	12.6	9.9 to 15.3
Maui 3/	57,468	54,777 to 60,159	13,752	11,442 to 16,062	9.8	8.2 to 11.5	4,074	3,234 to 4,914	12.5	9.9 to 15.0
2007										
State total	62,613	61,100 to 64,125	106,232	101,569 to 110,894	8.5	8.1 to 8.8	30,618	27,922 to 33,315	10.8	9.9 to 11.8
County:										
Hawaii	55,779	52,961 to 58,597	22,394	19,300 to 25,489	13.1	11.3 to 14.9	6,935	5,531 to 8,338	18.1	14.4 to 21.7
Honolulu	64,849	63,140 to 66,558	68,696	62,397 to 74,995	7.8	7.1 to 8.5	18,842	15,642 to 22,041	9.5	7.9 to 11.1
Kalawao 3/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Kauai	55,786	51,838 to 59,734	5,632	4,528 to 6,736	9.0	7.3 to 10.8	1,758	1,335 to 2,181	12.5	9.5 to 15.5
Maui 3/	60,435	56,755 to 64,116	9,509	7,950 to 11,068	6.8	5.6 to 7.9	3,084	2,341 to 3,826	9.8	7.4 to 12.1

NA Not available.

1/ Based on Mainland poverty thresholds. Official Hawaii thresholds are about 15 percent higher. See Table 13.25.

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, Housing and Household Economic Statistics Division, Small Area Estimates Branch <<http://www.census.gov/hhes/www/saie/index.html>> accessed December 10, 2008.

**Table 13.20-- INCOME OF HOUSEHOLDS AND FAMILIES: 1999**

[Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see <<http://www.hawaii.gov/dbedt/census2k/about-sf3.pdf>>]

Income	Households		Families	
	Number	Percent	Number	Percent
Total	403,572	100.0	289,012	100.0
Less than \$10,000	31,937	7.9	13,619	4.7
\$10,000 to \$14,999	18,572	4.6	9,315	3.2
\$15,000 to \$24,999	42,232	10.5	25,394	8.8
\$25,000 to \$34,999	46,226	11.5	30,133	10.4
\$35,000 to \$49,999	63,485	15.7	45,032	15.6
\$50,000 to \$74,999	82,997	20.6	66,592	23.0
\$75,000 to \$99,999	51,284	12.7	42,440	14.7
\$100,000 to \$149,999	44,867	11.1	38,415	13.3
\$150,000 to \$199,999	12,003	3.0	10,115	3.5
\$200,000 or more	9,969	2.5	7,957	2.8
Median household income (dollars)	49,820	(X)	56,961	(X)

X Not applicable.

Source: U.S. Census Bureau, Census 2000, Table DP-3. Profile of Selected Economic Characteristics: 2000, Geographic area: Hawaii <<http://www.hawaii.gov/dbedt/census2k/profile-state/04015.pdf>> accessed October 6, 2003.

**Table 13.21-- INCOME TYPE AND PER CAPITA INCOME IN 1999, BY GEOGRAPHIC AREA: 2000**

<b>Subject</b>	<b>State total</b>	<b>City and County of Honolulu</b>	<b>County of Hawaii</b>	<b>County of Kalawao</b>	<b>County of Kauai</b>	<b>County of Maui</b>
Households	403,572	286,731	52,945	132	20,201	43,563
With earnings	334,392	239,649	41,559	73	16,346	36,765
Mean earnings (dollars)	58,733	60,958	48,098	19,528	53,740	58,549
With Social Security income	112,350	78,836	15,844	44	6,056	11,570
Mean Social Security income (dollars)	11,611	11,622	11,546	8,138	11,372	11,771
With Supplemental Security income	14,455	10,067	2,289	-	637	1,462
Mean Supplemental Security income (dollars)	6,515	6,507	6,524	-	7,246	6,234
With public assistance income	28,886	19,423	5,158	-	1,573	2,732
Mean public assistance income (dollars)	4,616	4,647	4,630	-	4,371	4,511
With retirement income	85,662	62,909	10,857	29	4,251	7,616
Mean retirement income (dollars)	20,419	21,281	18,243	7,210	16,942	18,396
Per capita income (dollars)	21,525	21,998	18,791	13,757	20,301	22,033

Source: U.S. Census Bureau, Census 2000, Table DP-3. Profile of Selected Economic Characteristics: 2000  
 <<http://www.hawaii.gov/dbedt/census2k/profile-state/index.html>> accessed July 23, 2002.

**Table 13.22-- POVERTY STATUS OF PERSONS: 1969, 1975, AND 1979 TO 2007**

[Based on Mainland poverty thresholds. Official Hawaii thresholds are approximately 15 percent higher than those in effect on the Mainland; these data accordingly understate the number and percent of persons below the poverty level in Hawaii. Data are based on censuses or surveys made in March or April of the following year, and exclude inmates of institutions, persons in military group quarters and in college dormitories, and unrelated individuals under 15 years (14 years before 1979)]

Year	Number	Percent	Year	Number	Percent
Census:			1979	91,618	9.9
1969	68,543	9.3	1989	88,408	8.3
1975	67,000	7.9	1999	126,154	10.7

Year	Total (1,000)	Number (1,000)	Standard error	Percent	Standard error
CPS: 1/					
1980	954	81	25	8.5	2.50
1981	953	108	29	11.3	2.90
1982	997	132	32	13.2	3.00
1983	998	129	19	12.9	1.79
1984	997	92	27	9.3	2.60
1985	1,018	109	18	10.7	1.70
1986	1,024	109	18	10.7	1.70
1987	1,086	95	16	8.8	1.50
1988	1,051	117	18	11.1	1.70
1989	1,086	122	19	11.3	1.80
1990	1,100	121	19	11.0	1.70
1991	1,164	90	17	7.7	1.40
1992	1,187	133	20	11.2	1.67
1993	1,135	91	17	8.0	1.47
1994	1,106	97	17	8.7	1.55
1995	1,187	122	20	10.3	1.68
1996	1,172	142	23	12.1	1.82
1997	1,182	164	24	13.9	1.92
1998	1,201	131	22	10.9	1.72
1999	1,225	133	22	10.8	1.69
2000	1,195	106	12	8.9	0.94
2001	1,205	138	13	11.4	1.05
2002	1,219	138	14	11.3	1.04
2003	1,250	117	12	9.3	0.95
2004 2/ 3/	1,244	106	12	8.6	0.98
2005 2/	1,274	110	12	8.6	0.97
2006 2/	1,254	116	13	9.2	1.01
2007 2/	1,264	94	12	7.5	0.91

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, and 12.5 percent in 2007.

3/ Source revised to reflect a correction to weights in the 2005 Annual Social and Economic (ASEC) Supplement.

Source: U.S. Bureau of the Census, *1970 Census of Population*, PC(1)-C13 (December 1971), table 58; *Current Population Reports, Consumer Income*, Series P-60, No. 113 (July 1978), p. 179; *1980 Census of Population*, PC80-1-C13 (June 1983), table 72; *1990 Census of Population*, 1990 CP-2-13 (September 1993), table 29; *2000 Census of Population, Poverty 1999: Census 2000 Brief C2KBR-19* (May 2003), table 3; Historical Poverty Tables - People, Table 19 <<http://www.census.gov/hhes/www/poverty/histpov/hstpov19.html>> and Table 21 <<http://www.census.gov/hhes/www/poverty/histpov/hstpov21.html>> accessed March 3, 2009.

**Table 13.23-- POVERTY STATUS IN 1999, FOR THE STATE AND BY COUNTY: 2000**

[Based on nationwide poverty thresholds. Hawaii thresholds are approximately 15 percent higher than those in effect on the Mainland; these data accordingly understate the numbers of persons and families below the poverty level in Hawaii. Data refer to the poverty status in 1999 of families and persons surveyed in April 2000]

<b>Subject</b>	<b>State total</b>	<b>City &amp; County of Honolulu</b>	<b>Hawaii County</b>	<b>Kalawao County</b>	<b>Kauai County</b>	<b>Maui County</b>
All families	22,101	14,477	4,084	-	1,224	2,316
Percent below poverty level	7.6	7.0	11.0	-	8.4	7.7
With related children under 18 years	17,182	11,108	3,334	-	995	1,745
Percent below poverty level	11.3	10.3	17.1	-	12.3	10.6
With related children under 5 years	8,470	5,476	1,556	-	434	1,004
Percent below poverty level	13.9	12.3	22.3	-	14.7	15.4
Female householder families	10,024	6,616	1,843	-	608	957
Percent below poverty level	20.6	19.2	28.1	-	24.5	18.9
With related children under 18 years	8,737	5,671	1,684	-	528	854
Percent below poverty level	29.5	28.3	37.0	-	30.5	25.6
With related children under 5 years	3,879	2,441	747	-	215	476
Percent below poverty level	37.4	34.2	49.7	-	38.7	40.9
All individuals	126,154	83,937	22,821	59	6,085	13,252
Percent below poverty level	10.7	9.9	15.7	40.1	10.5	10.5
18 years and over	85,612	57,782	14,619	59	3,985	9,167
Percent below poverty level	9.6	9.0	13.5	4.1	9.3	9.7
65 years and over	11,683	8,614	1,391	44	546	1,088
Percent below poverty level	7.4	7.4	7.2	60.3	6.8	7.5
With related children under 18 years	38,730	25,080	7,873	-	1,994	3,783
Percent below poverty level	13.5	12.4	21.0	-	13.2	12.0
With related children under 5 years	27,159	17,612	5,718	-	1,455	2,374
Percent below poverty level	12.9	12.0	19.8	-	12.6	10.1
Unrelated individuals 15 years and over	46,365	31,136	7,819	59	1,958	5,393
Percent below poverty level	24.4	23.8	30.4	50.0	22.0	22.1

Source: U.S. Census Bureau, Census 2000, Table DP-3. Profile of Selected Economic Characteristics: 2000  
<<http://www.hawaii.gov/dbedt/census2k/profile-state/index.html>> accessed July 23, 2002.

**Table 13.24-- POVERTY INCOME GUIDELINES FOR HAWAII, 1993 TO 2009  
AND FOR THE UNITED STATES AND ALASKA, 2008 AND 2009**

[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
Jan. 23, 2008									
United States 1/ Alaska	10,400 13,000	14,000 17,500	17,600 22,000	21,200 26,500	24,800 31,000	28,400 35,500	32,000 40,000	35,600 44,500	3,600 4,500
Jan. 23, 2009									
United States 1/ Alaska	10,830 13,530	14,570 18,210	18,310 22,890	22,050 27,570	25,790 32,250	29,530 36,930	33,270 41,610	37,010 46,290	3,740 4,680

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; and Jan. 23, 2009. 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; and for 2009 <<http://aspe.hhs.gov/poverty/09fedreg.pdf>> accessed January 26, 2009.

**Table 13.25-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR HONOLULU: 2000-2001 TO 2004-2005**

[Annual averages for two-year periods. The Consumer Expenditure Survey for 2005- 2006 was released by BLS on October 26, 2007 and for 2006- 2007 on November 25, 2008 but neither included data for Honolulu]

Item	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Average annual expenditures	43,024	43,458	44,505	48,339	54,937
Food	6,722	6,418	5,819	6,666	8,089
Food at home	3,935	3,879	3,269	3,592	4,231
Cereals and bakery products	582	542	462	499	556
Meats, poultry, fish, and eggs	1,152	1,182	866	860	1,090
Dairy products	345	336	287	317	335
Fruits and vegetables	765	750	630	693	831
Other food at home	1,091	1,069	1,024	1,223	1,419
Food away from home	2,788	2,539	2,549	3,075	3,858
Alcoholic beverages	554	489	357	367	463
Housing	13,903	14,207	15,156	15,874	17,400
Shelter	9,460	9,470	10,067	10,324	10,887
Owned dwellings	4,966	4,810	5,367	5,629	6,516
Rented dwellings	3,986	4,030	3,971	4,160	3,960
Other lodging	509	630	728	535	411
Utilities, fuels, & public services	2,182	2,200	2,492	2,606	2,813
Household operations	647	569	707	770	692
Housekeeping supplies	539	567	480	593	817
Household furn. & equipment	1,075	1,402	1,410	1,582	2,191
Apparel and services	1,761	1,597	1,467	1,467	2,157
Transportation	6,523	7,230	8,023	8,778	9,921
Vehicle purchases (net outlay)	2,329	3,040	3,724	4,356	4,768
Gasoline and motor oil	1,176	1,124	1,142	1,277	1,658
Other vehicle expenses	2,103	2,194	2,208	2,218	2,427
Public transportation	915	873	948	927	1,069
Health care	2,252	2,365	2,617	2,668	2,600
Entertainment	2,066	2,249	2,276	2,941	3,126
Personal care products & services	691	594	542	649	772
Reading	163	161	170	149	128
Education	864	1,088	1,040	1,020	1,320
Tobacco prod. & smoking supplies	247	297	300	270	241
Miscellaneous	763	759	831	825	861
Cash contributions	1,672	1,278	1,226	1,218	1,112
Personal insurance and pensions	4,844	4,727	4,684	5,447	6,746
Life & other personal insurance	636	641	607	554	520
Pensions and Social Security	4,208	4,086	4,076	4,893	6,226

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**Table 13.25-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR HONOLULU: 2000-2001 TO 2004-2005-- Con.**

Item	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Number of consumer units	279,000	276,000	275,000	273,000	278,000
Consumer unit characteristics					
Income before taxes 1/	54,819	56,000	59,114	64,082	70,104
Age of reference person	52.9	53.9	53.7	52.1	51.8
Average number in consumer unit					
Persons	2.8	2.8	2.8	2.7	2.8
Children under 18	0.7	0.7	0.6	0.5	0.6
Persons 65 and over	0.4	0.5	0.5	0.4	0.4
Earners	1.5	1.4	1.4	1.5	1.5
Vehicles	1.6	1.6	1.6	1.7	1.8
Percent homeowner	52	53	57	57	61

1/ Components of income and taxes are derived from "complete income reporters" only through 2003. Beginning in 2004, income imputation was implemented. As a result, all consumer units are considered to be complete income reporters.

Source: U.S. Bureau of Labor Statistics, Selected Western Metropolitan Statistical Areas: Average Annual Expenditures and Characteristics, Consumer Expenditure Survey (annual)  
 <<http://www.bls.gov/cex/csxmsa.htm>> accessed December 3, 2008.

**Table 13.26-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR SELECTED WESTERN METROPOLITAN STATISTICAL AREAS: 2004-2005**

[Annual averages for two-year periods. Number in units, unless otherwise specified. Expenditures in dollars. The Consumer Expenditure Survey for 2005- 2006 was released by BLS on October 26, 2007 and for 2006- 2007 on November 25, 2008 but neither included data for Honolulu ]

Item	All consumer units in the West	Hono-lulu	Los Angeles	San Francisco	San Diego	Portland	Seattle	Anchorage	Phoenix	Denver
Average annual expenditures	50,305	54,937	55,760	60,992	59,805	50,313	54,027	59,427	49,009	49,996
Food	6,280	8,089	7,062	7,581	6,437	6,377	6,904	6,412	6,434	6,251
Food at home	3,580	4,231	3,876	3,909	3,462	3,557	3,908	3,713	3,599	3,789
Cereals and bakery products	467	556	492	519	458	453	475	457	470	511
Meats, poultry, fish, and eggs	843	1,090	976	888	761	783	840	846	859	886
Dairy products	406	335	411	445	404	432	457	437	415	428
Fruits and vegetables	635	831	749	772	606	650	666	605	632	619
Other food at home	1,228	1,419	1,248	1,285	1,233	1,239	1,469	1,369	1,222	1,344
Food away from home	2,701	3,858	3,185	3,672	2,976	2,820	2,996	2,698	2,835	2,462
Alcoholic beverages	517	463	485	628	613	526	781	636	585	635
Housing	16,828	17,400	19,911	22,885	21,484	16,039	17,483	18,764	14,719	15,772
Shelter	10,480	10,887	13,030	15,947	14,511	9,862	10,741	11,391	8,414	10,078
Owned dwellings	6,670	6,516	8,122	10,068	9,118	6,650	7,144	7,814	5,911	6,613
Rented dwellings	3,231	3,960	4,383	4,928	4,627	2,535	2,737	2,850	2,100	2,936
Other lodging	579	411	524	951	767	677	860	727	402	530
Utilities, fuels, and public services	2,795	2,813	2,908	2,711	2,767	2,878	2,769	3,228	3,057	3,013
Household operations	904	692	1,224	1,384	1,561	933	725	985	984	722
Housekeeping supplies	618	817	632	634	646	553	706	771	605	548
Household furn. & equipment	2,030	2,191	2,119	2,210	1,999	1,813	2,541	2,388	1,659	1,411
Apparel and services	1,954	2,157	2,386	2,382	1,935	1,822	1,833	1,820	1,876	1,755
Transportation	9,498	9,921	10,972	9,518	11,301	8,845	9,491	12,596	10,549	8,646
Vehicle purchases (net outlay)	4,268	4,768	4,996	3,347	5,681	3,964	3,897	6,082	5,490	3,529
Gasoline and motor oil	1,966	1,658	2,312	1,922	2,094	1,742	1,914	2,157	1,769	1,755
Other vehicle expenses	2,658	2,427	3,029	3,296	2,587	2,542	2,813	3,239	2,911	2,573
Public transportation	606	1,069	635	953	939	596	867	1,119	380	789

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**Table 13.26-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR SELECTED WESTERN METROPOLITAN STATISTICAL AREAS: 2004-2005-- Con.**

Item	All consumer units in the West	Hono-lulu	Los Angeles	San Francisco	San Diego	Portland	Seattle	Anchorage	Phoenix	Denver
Health care	2,602	2,600	2,275	2,773	3,038	2,693	2,910	3,397	2,890	2,724
Entertainment	2,636	3,126	2,719	2,938	2,653	3,057	3,002	3,420	2,355	3,227
Personal care products and services	621	772	798	664	805	578	625	615	666	636
Reading	153	128	158	212	192	188	214	218	132	144
Education	1,039	1,320	960	1,107	1,245	1,200	1,217	842	739	1,573
Tobacco prod. & smoking supplies	239	241	179	143	136	344	236	440	373	308
Miscellaneous	910	861	848	1,014	940	1,303	1,004	1,227	786	1,010
Cash contributions	1,576	1,112	1,272	1,607	2,520	1,775	2,070	1,853	1,662	1,624
Personal insurance and pensions	5,451	6,746	5,736	7,538	6,507	5,565	6,256	7,187	5,243	5,689
Life and other personal insurance	343	520	298	336	423	367	346	581	400	240
Pensions and Social Security	5,108	6,226	5,438	7,202	6,084	5,198	5,910	6,606	4,843	5,449
Number of consumer units (in 1,000)	25,872	278	5,112	2,724	892	1,052	1,801	119	1,423	1,270
Consumer unit characteristics										
Income before taxes 1/	60,730	70,104	65,810	86,935	69,067	56,702	63,888	71,031	60,726	65,224
Age of reference person	47.0	51.8	46.9	47.0	50.1	47.9	47.8	45.8	45.7	45.6
Average number in consumer unit										
Persons	2.6	2.8	2.9	2.6	2.6	2.5	2.3	2.5	2.6	2.4
Children under 18	0.7	0.6	0.8	0.6	0.6	0.6	0.5	0.7	0.8	0.6
Persons 65 and over	0.3	0.4	0.3	0.3	0.4	0.3	0.2	0.2	0.3	0.3
Earners	1.4	1.5	1.5	1.4	1.4	1.4	1.5	1.5	1.3	1.4
Vehicles	2.1	1.8	1.9	1.8	1.9	2.2	2.4	2.5	1.8	1.9
Percent homeowner	62	61	58	56	63	63	66	71	70	64

1/ Components of income and taxes are derived from "complete income reporters" only through 2003. Beginning in 2004, income imputation was implemented. As a result, all consumer units are considered to be complete income reporters.

Source: U.S. Bureau of Labor Statistics, Selected Western Metropolitan Statistical Areas: Average Annual Expenditures and Characteristics, Consumer Expenditure Survey: 2004- 2005 <<http://www.bls.gov/cex/csxmsa.htm>> accessed December 3, 2008.

**Table 13.27-- TOP WEALTHHOLDERS: 1962 TO 2004**

[Top wealthholders are defined as persons with a gross estate in excess of specified amounts, rising from \$60,000 in 1962; \$1 million in 2001; and \$1.5 million in 2004. 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

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. For 2004, Total assets were \$11,903, \$10,647, and \$1,825 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; "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/indtaxstats/article/0,,id=96426,00.html>> accessed September 18, 2006; and "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; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.28--TOP WEALTHHOLDERS WITH NET WORTH OF \$1 MILLION OR MORE, NET WORTH AND SELECTED ASSETS, U.S. AND HAWAII: 1998, 2001 AND 2004**

[Data are estimates based on samples. Numbers are in thousands.  
Amounts are in millions of dollars]

Category	United States	Hawaii	Hawaii as percent of U.S.
1998			
Total assets: Number	2,743	7	0.3
Amount	8,324,476	21,163	0.3
Debts & mortgages: Number	2,092	5	0.2
Amount	499,568	1,745	0.3
Net worth: Number	2,743	7	0.3
Amount	7,824,909	19,418	0.2
2001			
Net worth: Number	3,510	13	0.4
Amount	11,275,755	29,387	0.3
Total assets: Amount	11,169,794	17,801	0.2
Financial assets: Number	3,506	13	0.4
Amount	9,611,914	16,124	0.2
All other assets: Number	3,241	11	0.3
Amount	1,557,880	1,677	0.1
All real estate: Number	3,085	12	0.4
Amount	2,207,780	15,928	0.7
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

Source: U. S. Department of Treasury, Internal Revenue Service, *Statistics of Income Bulletin, Winter 2002-2003 Issue*, "Personal Wealth 1998", table 7 <<http://www.irs.ustreas.gov/pub/irs-soi/98pwart.pdf>> accessed September 28, 2003; "Personal Wealth, 2001", table 6 <<http://www.irs.gov/pub/irs-soi/01pwart.pdf>> accessed April 5, 2007; "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; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.29-- NET WORTH OF RICHEST RESIDENTS: 2001 TO 2008**

[There were no Hawaii residents on the Forbes 400 list in 2007]

Name	Residence	Age (years)	Net worth (million dollars)	Primary sources
2001 Anthony, Barbara Cox 1/	Honolulu	78	11,300	Inheritance (Cox Enterprises, newspapers, cable TV)
2002 Anthony, Barbara Cox 1/	Honolulu	79	9,500	Inheritance (Cox Enterprises, newspapers, cable TV)
2003 Anthony, Barbara Cox 1/	Honolulu	80	11,000	Inheritance (Cox Enterprises, newspapers, cable TV)
2004 Anthony, Barbara Cox 1/	Honolulu	81	11,300	Inheritance (Cox Enterprises, newspapers, cable TV)
2005 Anthony, Barbara Cox 1/	Honolulu	82	12,500	Inheritance (Cox Enterprises, newspapers, cable TV)
2006 Anthony, Barbara Cox 1/	Honolulu	83	12,600	Inheritance (Cox Enterprises, newspapers, cable TV)
2008 Omidyar, Pierre	Honolulu	41	6,300	Self made, launched Ebay on-line auction 1995, technology

X Not applicable.

1/ Sisters Barbara Cox Anthony and Anne Cox Chambers, of Atlanta, share a fortune. It was worth more than \$19 billion in 1999, \$20 billion in 2000, \$23 billion in 2001, \$19 billion in 2002, \$22 billion in 2003, \$22.6 billion in 2004, and \$25 billion in 2005.. In 2006, the sisters tied at rank of 17 with net worth of \$12.6 billion each. They have been members of the Forbes 400 since 1982. Note: Mrs. Anthony died on May 28, 2007 at her home in Honolulu. She was 84.

Source: *Forbes*, "The Forbes 400 Richest Americans," October 13, 2001; September 13, 2002; September 19, 2003; September 22, 2004 <<http://www.forbes.com/home/forbes400/2004/09/22/r104land.html>> accessed September 24, 2004; October 10, 2005 and <<http://www.forbes.com/400richest/>> accessed September 23, 2005; for 2006 accessed September 22, 2006; for 2008 accessed September 17, 2008.

## Section 14

# PRICES

This section presents indexes of consumer prices for Honolulu and for the United States, the implicit price deflator for gross domestic product, and comparisons of Honolulu living costs with those in other U.S. urban areas and cities in foreign countries. Other statistics on prices are reported in Sections 7, 16, 17, 18, 21, and 23.

The Honolulu Consumer Price Index has been compiled by the U.S. Bureau of Labor Statistics (BLS) since December 1963. This index measures the average change in prices of goods and services purchased by urban households. Prices are expressed as a percent of the average levels reported in the base period, 1982-1984.

Official comparisons of Honolulu and Mainland living costs are no longer being made on a regular basis. The annual four-person family budgets estimated by the BLS for Honolulu and the Mainland were discontinued after 1981. The unofficial estimates by the Bank of Hawaii were available for 1982-1998 but have seemingly also been discontinued. A comparison of prices in Hawaii and Washington, D.C., compiled for the U.S. Office of Personnel Management as a basis for cost of living adjustments for Federal employees are also included. These studies are subject to technical limitations and must be interpreted with considerable caution. Comparative indexes have been compiled by the U.S. Department of Defense for military personnel assigned to or in Hawaii on temporary duty.

No composite wholesale or producer price index is available for Hawaii. Average wholesale prices of agricultural products are reported in *Statistics of Hawaii Agriculture*, issued by the Hawaii Agricultural Statistics Service, and in various other publications of the Hawaii State Department of Agriculture. Wholesale price statistics of other commodities are seldom available. Periodic comparisons of individual or groups of products and services are sometimes compiled.

Data on prices and living costs for the nation as a whole and other areas are summarized in the *Statistical Abstract of the United States: 2009*, Section 14. Long-term trends for Hawaii are traced in *Historical Statistics of Hawaii*, Section 5.

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

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Narrative

<a href="#">14.01</a>	Implicit Price Deflator for Gross Domestic Product for Hawaii and United States: 1963 to 2008
<a href="#">14.02</a>	Consumer Price Index, for All Urban Consumers (CPI-U), All Items, for Honolulu and United States, 1940 to 2008
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<a href="#">14.19</a>	Per Diem Rates for Military in Hawaii, by Island or Installation

**Table 14.01-- IMPLICIT PRICE DEFLATOR FOR GROSS DOMESTIC PRODUCT FOR HAWAII AND UNITED STATES: 1963 TO 2008**

[2000=100. Implicit price deflator is the ratio of current-dollar value of gross domestic product (GDP), to its corresponding chained-dollar value, multiplied by 100 and is now shown at the 3-decimal level]

Year	Hawaii	United States	Year	Hawaii	United States
SIC 1/			SIC 1/		
1963	(NA)	(NA)	1988	72.450	75.810
1964	(NA)	(NA)	1989	75.056	78.768
1965	(NA)	(NA)	1990	77.762	81.761
1966	(NA)	(NA)	1991	81.115	84.672
1967	(NA)	(NA)	1992	83.274	86.783
1968	(NA)	(NA)	1993	85.676	89.126
1969	(NA)	(NA)	1994	87.764	91.073
1970	(NA)	(NA)	1995	89.708	92.915
1971	(NA)	(NA)	1996	91.512	94.485
1972	(NA)	(NA)	1997	93.709	95.886
1973	(NA)	(NA)			
1974	(NA)	(NA)	NAICS 1/		
1975	(NA)	(NA)			
1976	(NA)	(NA)	1997	92.908	95.558
1977	36.812	42.156	1998	94.897	96.391
1978	39.455	45.186	1999	97.177	97.840
1979	42.471	48.727	2000	100.000	100.000
1980	46.390	53.149	2001	102.944	102.253
1981	51.299	58.347	2002	105.799	104.173
1982	54.590	62.048	2003	109.068	106.459
1983	57.655	64.733	2004	112.945	109.705
1984	61.393	67.479	2005 2/	116.904	113.075
1985	64.371	69.468	2006 2/	121.386	116.686
1986	67.316	71.499	2007 2/	125.484	119.901
1987	69.633	73.346	2008	128.253	122.926

NA Not available.

1/ There is a discontinuity in the GDP time series at 1997, occurring at the change from Standard Industrial Classification (SIC) industry definitions to North American Industry Classification System (NAICS) industry definitions. This discontinuity results from many sources, including differences in source data and different estimation methodologies. This data discontinuity may affect both the levels and the growth rates of the GDP estimates. Users of the GDP estimates are strongly cautioned against appending the two data series in an attempt to construct a single time series of GDP estimates for 1963 to 2008.

2/ Revised from previous *Data Book*.

Source: U.S. Bureau of Economic Analysis, Gross Domestic Product by Industry for 1963 to 1997 <<http://www.bea.gov/bea/regional/>> accessed October 26, 2006 and 1997 to 2008 accessed June 2, 2009; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 14.02-- CONSUMER PRICE INDEX, FOR ALL URBAN CONSUMERS (CPI-U), ALL ITEMS, FOR HONOLULU AND UNITED STATES: 1940 TO 2008**

[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	(X)
1941	15.5	5.4	14.7	5.0
1942	17.6	13.5	16.3	10.9
1943	18.9	7.4	17.3	6.1
1944	19.2	1.6	17.6	1.7
1945	19.7	2.6	18.0	2.3
1946	21.0	6.6	19.5	8.3
1947	24.4	16.2	22.3	14.4
1948	25.7	5.3	24.1	8.1
1949	25.2	-1.9	23.8	-1.2
1950	24.3	-3.6	24.1	1.3
1951	25.7	5.8	26.0	7.9
1952	26.5	3.1	26.5	1.9
1953	26.7	0.8	26.7	0.8
1954	26.9	0.7	26.9	0.7
1955	27.3	1.5	26.8	-0.4
1956	27.7	1.5	27.2	1.5
1957	28.6	3.2	28.1	3.3
1958	30.0	4.9	28.9	2.8
1959	30.5	1.7	29.1	0.7
1960	31.3	2.6	29.6	1.7
1961	32.1	2.6	29.9	1.0
1962	32.8	2.2	30.2	1.0
1963	33.5	2.1	30.6	1.3
1964	33.7	0.6	31.0	1.3
1965	34.4	2.1	31.5	1.6
1966	35.3	2.6	32.4	2.9
1967	36.3	2.8	33.4	3.1
1968	37.7	3.9	34.8	4.2
1969	39.4	4.5	36.7	5.5
1970	41.5	5.3	38.8	5.7
1971	43.2	4.1	40.5	4.4
1972	44.6	3.2	41.8	3.2
1973	46.6	4.5	44.4	6.2
1974	51.5	10.5	49.3	11.0
1975	56.3	9.3	53.8	9.1
1976	59.1	5.0	56.9	5.8
1977	62.1	5.1	60.6	6.5
1978	66.9	7.7	65.2	7.6
1979	74.3	11.1	72.6	11.3

Continued on next page.

**Table 14.02-- CONSUMER PRICE INDEX, FOR ALL URBAN CONSUMERS (CPI-U), ALL ITEMS, FOR HONOLULU AND UNITED STATES: 1940 TO 2008 -- Con.**

Year	Honolulu		United States	
	Annual average	Percent change from previous year	Annual average	Percent change from previous year
1980	83.0	11.7	82.4	13.5
1981	91.7	10.5	90.9	10.3
1982	97.2	6.0	96.5	6.2
1983	99.3	2.2	99.6	3.2
1984	103.5	4.2	103.9	4.3
1985	106.8	3.2	107.6	3.6
1986	109.4	2.4	109.6	1.9
1987	114.9	5.0	113.6	3.6
1988	121.7	5.9	118.3	4.1
1989	128.7	5.8	124.0	4.8
1990	138.1	7.3	130.7	5.4
1991	148.0	7.2	136.2	4.2
1992	155.1	4.8	140.3	3.0
1993	160.1	3.2	144.5	3.0
1994	164.5	2.7	148.2	2.6
1995	168.1	2.2	152.4	2.8
1996	170.7	1.5	156.9	3.0
1997	171.9	0.7	160.5	2.3
1998	171.5	-0.2	163.0	1.6
1999	173.3	1.0	166.6	2.2
2000	176.3	1.7	172.2	3.4
2001	178.4	1.2	177.1	2.8
2002	180.3	1.1	179.9	1.6
2003	184.5	2.3	184.0	2.3
2004	190.6	3.3	188.9	2.7
2005	197.8	3.8	195.3	3.4
2006	209.4	5.9	201.6	3.2
2007	219.504	4.8	207.342	2.8
2008	228.861	4.3	215.303	3.8

X Not applicable.

Source: For Honolulu: 1940-1963 from surveys by Eugene Danaher and Hawaii State Department of Labor and Industrial Relations, cited in Hawaii State Department of Planning and Economic Development, *The Honolulu Consumer Price Index, 1940-1986* (Statistical Report 187, May 30, 1986), as shifted to 1982-1984 base. 1987-2008: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers [CPI-U] Honolulu and the United States <<http://www.bls.gov/cpi/home.htm>> accessed February 20, 2009.

**Table 14.03-- CONSUMER PRICE INDEX- ALL ITEMS, BY TYPE OF CONSUMER, FOR HONOLULU: SEMI-ANNUAL AND ANNUAL AVERAGE, 1984 TO 2008**

[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

Continued on next page.

**Table 14.03-- CONSUMER PRICE INDEX- ALL ITEMS, BY TYPE OF CONSUMER, FOR HONOLULU: SEMI-ANNUAL AND ANNUAL AVERAGE, 1984 TO 2008 -- 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

1/ From same period in previous year.

Source: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers (CPI-U) and Consumer Price Index-Urban Wage Earners and Clerical Workers (CPI-W), All Items  
 <<http://www.bls.gov/ro9/9225.pdf>> accessed February 20, 2009.

**Table 14.04-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS (CPI-U), BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGE, 2004 TO 2008**

[Unless otherwise specified, 1982-1984 =100. U.S. Bureau of Labor Statistics instituted a 3-decimal presentation beginning January 2007]

Group	2004	2005	2006	2007	2008
All items	190.6	197.8	209.4	219.504	228.861
Food and beverages	180.2	185.9	194.2	204.942	216.625
Food	179.5	185.4	193.9	204.850	216.742
Food at home	185.7	191.4	198.9	211.000	228.319
Food away from home	171.0	176.4	186.0	195.071	202.257
Alcoholic beverages	188.5	191.5	197.7	204.337	213.936
Housing	194.3	205.2	222.5	238.428	248.700
Shelter	209.7	221.4	242.2	260.518	266.411
Rent of primary residence	196.9	207.6	228.9	247.386	256.216
Owners' equivalent rent of primary residence	1/ 214.4	1/ 225.0	1/ 248.3	1/ 267.859	1/ 274.756
Fuel and utilities	161.1	179.8	203.3	214.040	283.911
Household energy 2/	146.1	165.4	187.3	192.529	267.903
Gas (piped) and electricity	144.8	163.5	185.2	190.190	264.567
Electricity	141.1	159.2	181.1	185.965	259.990
Utility (piped) gas service 3/	180.7	206.9	217.8	224.454	284.130
Household furnishings & operation	166.4	165.1	162.6	165.368	164.958
Apparel	101.2	102.5	104.4	104.145	105.277
Transportation	182.4	191.6	202.1	205.027	213.998
Private transportation	179.4	189.1	199.8	202.805	209.161
Motor fuel	172.6	203.7	234.0	243.860	284.948
Gasoline (all types)	177.5	209.3	240.4	250.606	292.545
Gasoline, unleaded regular 4/	186.6	220.3	253.5	264.578	310.952
Gasoline, unleaded midgrade 4/	5/ 139.4	5/ 164.3	5/ 188.4	5/ 195.918	5/ 231.559
Gasoline, unleaded premium 4/	160.5	188.4	215.1	223.726	256.120
Medical care	275.9	(6/)	(6/)	(6/)	317.955
Education and communication	7/ 113.5	7/ 114.3	7/ 114.0	7/ 113.967	7/ 117.118
Recreation	7/ 102.3	7/ 97.8	7/ 101.1	7/ 102.572	7/ 105.290
Other goods and services	312.4	321.0	332.1	347.499	365.441
Commodity and service group					
All items	190.6	197.8	209.4	219.504	228.861
Commodities	159.3	164.1	169.4	174.478	181.113
Commodities less food and beverages	143.3	147.5	150.8	152.794	156.654
Nondurables less food and beverages	157.9	167.0	175.7	180.082	191.108
Durables	122.1	121.0	120.2	120.419	118.679
Services	217.8	227.1	244.2	258.946	270.734

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**Table 14.04-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS (CPI-U), BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGE, 2004 TO 2008 -- Con.**

Group	2004	2005	2006	2007	2008
Special aggregate indexes:					
All items less shelter	183.2	188.1	195.6	201.523	212.804
All items less medical care	186.3	193.5	205.1	214.992	224.234
All items less energy	194.3	200.2	211.0	221.339	227.534
Energy	160.6	186.3	211.6	219.187	276.864
All items less food and energy	198.4	204.4	215.6	225.932	230.999
Commodities less food	145.3	149.5	152.9	155.028	159.042
Nondurables less food	159.9	168.6	177.1	181.620	192.548
Nondurables	170.3	177.6	186.0	193.935	205.297
Services less rent of shelter	1/ 229.5	1/ 234.1	1/ 246.1	1/ 253.668	1/ 275.405
Services less medical care services	213.2	222.6	240.4	254.878	266.102

1/ Indexes on a December 1982=100 base.

2/ Prior to 2006, called 'Fuels'.

3/ Prior to 2004, called 'Utility natural gas service'.

4/ Special index based on a substantially smaller sample.

5/ Indexes on a December 1993=100 base.

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

7/ Indexes on a December 1997=100 base.

Source: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers [CPI-U] <<http://www.bls.gov/data/home.htm>> and San Francisco Regional Office News Releases - Honolulu, Hawaii <<http://www.bls.gov/ro9/ro9news.htm>> accessed February 20, 2009.

**Table 14.05-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER PRICE INDEX, ALL URBAN CONSUMERS (CPI-U), FOR THE UNITED STATES AND HONOLULU, DECEMBER 2007 AND 2008**

[Percent of all items. Based on the 2005-2006 weights in the Consumer Expenditure Survey]

Group	2007 CPI-U		2008 CPI-U	
	U.S.	Honolulu	U.S.	Honolulu
Relative importance of area	100.000	0.357	100.000	0.362
EXPENDITURE CATEGORY				
All items	100.000	100.000	100.000	100.000
Food and beverages	14.914	15.488	15.757	16.108
Food	13.833	14.500	14.629	15.146
Food at home	7.660	7.275	8.156	7.794
Cereals and bakery products	1.030	(NA)	1.150	(NA)
Meats, poultry, fish, and eggs	1.807	(NA)	1.898	(NA)
Meats, poultry, and fish	1.687	(NA)	1.789	(NA)
Dairy and related products	0.887	(NA)	0.910	(NA)
Fruits and vegetables	1.156	(NA)	1.194	(NA)
Other food at home	1.852	(NA)	2.022	(NA)
Food away from home	6.173	7.224	6.474	7.353
Alcoholic beverages	1.080	0.988	1.127	0.961
Housing	42.427	46.815	43.421	47.050
Shelter	32.596	38.580	33.200	38.022
Rent of primary residence	5.765	7.058	5.957	7.092
Tenants' and household insurance	0.325	(NA)	0.333	(NA)
Owners' equivalent rent of primary residence	23.942	29.157	24.433	28.947
Lodging away from home	2.564	(NA)	2.478	(NA)
Fuels and utilities	5.128	3.894	5.431	4.742
Household energy	4.215	2.970	4.460	3.693
Fuel oil and other fuels	0.351	(NA)	0.301	(NA)
Fuel oil	0.239	(NA)	0.188	(NA)
Propane, kerosene, and firewood	0.113	(NA)	0.112	(NA)
Gas (piped) and electricity	3.864	2.896	4.159	3.615
Electricity	2.766	2.743	3.002	3.477
Utility (piped) gas service	1.098	0.153	1.157	0.138
Water and sewer and trash collection serv.	0.913	(NA)	0.971	(NA)
Household furnishings and operations	4.702	4.336	4.790	4.286
Apparel	3.731	3.501	3.691	3.476
Men's and boys' apparel	0.935	(NA)	0.923	(NA)
Women's and girls' apparel	1.600	(NA)	1.541	(NA)
Footwear	0.679	(NA)	0.688	(NA)
Infants' and toddlers' apparel	0.185	(NA)	0.183	(NA)
Jewelry and watches	0.333	(NA)	0.356	(NA)

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**Table 14.05-- RELATIVE IMPORTANCE OF COMPONENTS IN THE  
CONSUMER PRICE INDEX, ALL URBAN CONSUMERS (CPI-U),  
FOR THE UNITED STATES AND HONOLULU, DECEMBER 2007  
AND 2008 -- Con.**

Group	2007 CPI-U		2008 CPI-U	
	U.S.	Honolulu	U.S.	Honolulu
EXPENDITURE CATEGORY -- Con.				
Transportation	17.688	15.725	15.314	14.591
Private transportation	16.583	13.685	14.189	12.635
Motor fuel	5.482	3.966	3.164	3.326
Gasoline (all types)	5.215	3.894	2.964	3.241
Public transportation	1.106	(NA)	1.125	(NA)
Medical care	6.231	4.969	6.390	5.021
Medical care commodities	1.601	(NA)	1.625	(NA)
Medical care services	4.630	(NA)	4.765	(NA)
Recreation	5.647	5.441	5.741	5.441
Education and communication	6.086	5.258	6.301	5.406
Other goods and services	3.277	2.816	3.386	2.907
Personal care	2.546	(NA)	2.610	(NA)
COMMODITY AND SERVICE GROUP 1/				
All items	100.000	100.000	100.000	100.000
Commodities	41.269	38.512	39.556	37.945
Commodities less food and beverages	26.356	23.022	23.799	21.837
Nondurables less food and beverages	15.519	12.866	13.289	12.127
Durables	10.837	10.141	10.510	9.710
Services	58.731	61.486	60.444	62.055
SPECIAL AGGREGATE INDEXES 1/				
All items less shelter	67.404	61.420	66.800	61.978
All items less medical care	93.769	95.033	93.610	94.979
All items less energy	90.302	93.055	92.376	92.981
All items less food and energy	76.469	78.557	77.746	77.835
Energy	9.698	6.938	7.624	7.019
Commodities less food	27.436	24.010	24.926	22.799
Nondurables less food	16.599	13.853	14.416	13.089
Nondurables	30.432	28.364	29.046	28.235
Services less rent of shelter	26.460	23.132	27.577	24.259
Rent of shelter	32.271	(NA)	32.867	(NA)
Services less medical care services	54.101	57.875	55.679	58.231

NA Not available.

1/ The two U.S.-level categories are published in a single "Special aggregate indexes" category.

Source: U.S. Bureau of Labor Statistics, "Relative Importance of Components in the Consumer Price Indexes" (annual) tables 1, 2, and 7 <<http://www.bls.gov/cpi/home.htm>> accessed February 19, 2009.

**Table 14.06-- MEDIAN GROSS RENT AMOUNT AND AS PERCENTAGE OF HOUSEHOLD INCOME FOR THE UNITED STATES, THE 50 STATES, AND FOR PUERTO RICO: 1990 AND 2000**

[Data based on sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see <<http://www.census.gov/prod/cen2000/doc/sf3.pdf>>. Rank of 1 indicates highest amount. Areas in order of highest rank in 2000]

Area	Median gross rent					
	1990			2000		
	Amount in dollars 1/	Percentage of household income in 1989		Amount in dollars	Percentage of household income in 1989	
		Number	Rank		Number	Rank
United States	571	26.4	(X)	602	25.5	(X)
California	792	29.1	1	747	27.7	1
Florida	613	28.0	2	641	27.5	2
<b>Hawaii</b>	<b>830</b>	<b>27.4</b>	<b>6</b>	<b>779</b>	<b>27.2</b>	<b>3</b>
Oregon	521	25.5	27	620	26.9	4
New York	620	26.3	20	672	26.8	5
Arizona	560	27.5	4	619	26.6	6
New Mexico	473	26.5	17	503	26.6	7
Nevada	650	26.8	12	699	26.5	8
Washington	569	25.7	26	663	26.5	9
Colorado	533	26.1	21	671	26.4	10
Vermont	570	27.1	9	553	26.2	11
Louisiana	450	27.9	3	466	25.8	12
West Virginia	387	26.8	13	401	25.8	13
Rhode Island	625	27.5	5	553	25.7	14
Massachusetts	741	26.8	11	684	25.5	15
New Jersey	756	26.3	19	751	25.5	16
Connecticut	764	26.6	15	681	25.4	17
Maine	535	26.8	10	497	25.3	18
Montana	396	25.0	33	447	25.3	19
Idaho	422	23.8	48	515	25.3	20
Mississippi	394	27.1	8	439	25.0	21
Pennsylvania	516	26.1	22	531	25.0	22
Georgia	553	25.8	24	613	24.9	23
Utah	471	23.8	49	597	24.9	24
District of Columbia	612	25.4	28	618	24.8	25
Tennessee	456	25.0	34	505	24.8	26
Alabama	415	24.8	37	447	24.8	27
Alaska	714	23.8	47	720	24.8	28
Minnesota	539	26.7	14	566	24.7	29

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**Table 14.06-- MEDIAN GROSS RENT AMOUNT AND AS PERCENTAGE OF HOUSEHOLD INCOME FOR THE UNITED STATES, THE 50 STATES, AND FOR PUERTO RICO: 1990 AND 2000-- Con.**

Area	Median gross rent					
	1990			2000		
	Amount in dollars 1/	Percentage of household income in 1989		Amount in dollars	Percentage of household income in 1989	
		Number	Rank		Number	Rank
Maryland	700	25.4	29	689	24.7	30
Virginia	632	25.8	25	650	24.5	31
Michigan	540	27.2	7	546	24.4	32
Arkansas	418	26.5	16	453	24.4	33
Illinois	569	25.9	23	605	24.4	34
Texas	505	24.6	40	574	24.4	35
South Carolina	482	24.4	43	510	24.4	36
Oklahoma	434	25.4	30	456	24.3	37
Delaware	634	24.7	38	639	24.3	38
North Carolina	488	24.4	42	548	24.3	39
New Hampshire	701	26.4	18	646	24.2	40
Ohio	483	25.3	31	515	24.2	41
Missouri	470	25.2	32	484	24.0	42
Kentucky	408	24.9	35	445	24.0	43
Indiana	477	24.3	44	521	23.9	44
Wisconsin	510	24.9	36	540	23.4	45
Kansas	474	24.5	41	498	23.4	46
Iowa	429	24.1	45	470	23.2	47
Nebraska	445	23.7	50	491	23.0	48
South Dakota	391	24.6	39	426	22.9	49
Wyoming	425	23.7	51	437	22.5	50
North Dakota	400	23.9	46	412	22.3	51
Puerto Rico	261	29.4	(X)	297	27.0	(X)

X Not applicable.

1/ Adjusted to 2000 dollars, using CPI-U-RS factor 1.277636.

Source: U.S. Census Bureau, 1990 Census and Census 2000 Summary File 3, *Housing Costs of Renters: 2000; Census 2000 Brief*, Issued May 2003 - C2KBR-21, Table 2

<<http://www.census.gov/prod/2003pubs/c2kbr-21.pdf>> accessed September 18, 2003.

**Table 14.07-- MORTGAGE STATUS, MEDIAN SELECTED MONTHLY OWNER COSTS BY MORTGAGE STATUS AND AS A PERCENTAGE OF HOUSEHOLD INCOME: UNITED STATES AND HAWAII: 1990 AND 2000**

[Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see [www.census.gov/prod/cen2000/doc/sf3.pdf](http://www.census.gov/prod/cen2000/doc/sf3.pdf)]

Category	United States	Hawaii
Specified owner-occupied		
1990	45,550,059	147,510
2000	55,212,108	173,861
Specified owner-occupied with a mortgage		
1990		
Number	29,811,735	102,601
Percent	65.4	69.6
2000		
Number	38,663,887	122,128
Percent	70.0	70.2
Specified owner-occupied without a mortgage		
1990		
Number	15,738,324	44,909
Percent	34.6	30.4
2000		
Number	16,548,221	51,733
Percent	30.0	29.8
Median selected monthly owner costs (in dollars) 1/		
With a mortgage		
1990	940	1,288
2000	1,088	1,636
Without a mortgage		
1990	267	217
2000	295	271
Median selected monthly owner costs as a percentage of household income		
With a mortgage		
1990	21.0	21.4
2000	21.7	26.3
Without a mortgage		
1990	11.1	(2/)
2000	10.5	(2/)

1/ Adjusted to 2000 dollars, using CPI-U-RS factor 1.277636.

2/ Represents less than 10 percent.

Source: U.S. Census Bureau, 1990 census and Census 2000 Summary File 3, September 16, 2003, Tables 2 and 3 <<http://www.census.gov/prod/2003pubs/c2kbr-27.pdf>> accessed September 18, 2003.

**Table 14.08-- MEDIAN SELECTED MONTHLY OWNER COSTS BY MORTGAGE STATUS AND AS A PERCENTAGE OF HOUSEHOLD INCOME, FOR THE UNITED STATES, THE 50 STATES, AND FOR PUERTO RICO: 1990 AND 2000**

[In dollars and percent. Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see <<http://www.census.gov/prod/cen2000/doc/sf3.pdf>>]

Area	Median selected monthly owner costs				Median selected monthly owner costs as a percentage of household income			
	With a mortgage		Without a mortgage		With a mortgage		Without a mortgage	
	1990 1/	2000	1990 1/	2000	1990	2000	1990	2000
United States	940	1,088	267	295	21.0	21.7	11.1	10.5
Alabama	706	816	203	228	19.1	19.8	10.3	(2/)
Alaska	1,353	1,315	296	393	21.5	22.3	(2/)	(2/)
Arizona	983	1,039	240	268	22.8	22.1	(2/)	(2/)
Arkansas	655	737	221	240	20.0	19.4	12.1	(2/)
California	1,376	1,478	244	305	24.9	25.3	(2/)	(2/)
Colorado	1,022	1,197	259	277	22.5	22.6	10.8	(2/)
Connecticut	1,400	1,426	432	473	22.9	22.4	12.8	13.1
Delaware	975	1,101	256	267	19.7	20.8	(2/)	(2/)
Dist. Of Col.	1,209	1,291	319	313	20.5	22.2	(2/)	(2/)
Florida	917	1,004	238	306	22.3	22.8	(2/)	10.5
Georgia	942	1,039	233	259	20.9	20.8	10.5	(2/)
<b>Hawaii</b>	<b>1,288</b>	<b>1,636</b>	<b>217</b>	<b>271</b>	<b>21.4</b>	<b>26.3</b>	<b>(2/)</b>	<b>(2/)</b>
Idaho	715	887	201	236	19.6	21.5	(2/)	(2/)
Illinois	979	1,198	308	353	20.2	21.7	11.2	11.1
Indiana	714	869	240	255	18.0	19.3	10.2	(2/)
Iowa	703	829	250	268	18.5	19.1	11.5	(2/)
Kansas	802	888	239	273	19.5	19.3	10.9	(2/)
Kentucky	684	816	192	214	18.8	19.6	(2/)	(2/)
Louisiana	759	816	215	232	20.6	19.6	11.2	(2/)
Maine	847	923	284	299	21.4	21.4	12.2	12.1
Maryland	1,173	1,296	300	333	21.1	22.2	10.0	(2/)
Massachusetts	1,258	1,353	381	406	22.3	21.9	12.6	12.4
Michigan	828	972	314	288	18.8	19.6	12.5	(2/)
Minnesota	925	1,044	238	271	20.4	20.0	10.5	(2/)
Mississippi	653	752	202	232	20.8	20.4	11.8	(2/)
Missouri	767	861	226	249	19.1	19.5	10.0	(2/)
Montana	735	863	224	261	20.2	22.2	10.9	10.4
Nebraska	779	895	244	283	19.7	19.7	11.5	10.5
Nevada	1,067	1,190	261	294	22.4	23.8	(2/)	(2/)

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**Table 14.08-- MEDIAN SELECTED MONTHLY OWNER COSTS BY MORTGAGE STATUS AND AS A PERCENTAGE OF HOUSEHOLD INCOME, FOR THE UNITED STATES, THE 50 STATES, AND FOR PUERTO RICO: 1990 AND 2000 -- Con.**

Area	Median selected monthly owner costs				Median selected monthly owner costs as a percentage of household income			
	With a mortgage		Without a mortgage		With a mortgage		Without a mortgage	
	1990 1/	2000	1990 1/	2000	1990	2000	1990	2000
New Hampshire	1,278	1,226	410	441	24.4	22.3	14.2	13.6
New Jersey	1,412	1,560	488	567	23.4	23.7	14.6	15.3
New Mexico	833	929	208	228	21.6	22.2	(2/)	(2/)
New York	1,141	1,357	413	457	21.5	23.2	13.8	13.6
North Carolina	836	985	235	254	20.5	21.3	10.8	(2/)
North Dakota	777	818	245	270	20.3	19.4	11.9	10.2
Ohio	797	963	262	289	19.0	20.6	11.0	10.6
Oklahoma	731	764	210	231	20.0	19.2	10.9	(2/)
Oregon	828	1,125	289	303	20.4	23.2	12.7	10.5
Pennsylvania	870	1,010	289	318	20.2	21.6	12.1	12.2
Rhode Island	1,138	1,205	371	406	22.7	22.7	13.0	13.4
South Carolina	787	894	229	240	19.9	20.5	10.7	(2/)
South Dakota	724	828	249	279	19.9	19.7	12.6	10.5
Tennessee	759	882	217	240	20.1	21.1	10.2	(2/)
Texas	908	986	247	296	20.9	20.1	11.5	10.9
Utah	851	1,102	236	249	20.9	22.9	(2/)	(2/)
Vermont	917	1,021	335	378	21.9	22.4	14.1	13.9
Virginia	1,060	1,144	245	263	21.9	21.4	(2/)	(2/)
Washington	942	1,268	248	338	20.4	23.8	(2/)	10.4
West Virginia	636	713	183	207	18.5	19.5	(2/)	(2/)
Wisconsin	866	1,024	321	333	20.1	20.9	12.8	11.2
Wyoming	781	825	207	229	19.4	19.7	(2/)	(2/)
Puerto Rico	408	625	82	124	22.3	27.9	(2/)	12.5

1/ Adjusted to 2000 dollars, using CPI-U-RS factor 1.277636.

2/ Represents less than 10 percent.

Source: U.S. Census Bureau, 1990 census and Census 2000 Summary File 3, September 16, 2003, tables 2 and 3 <<http://www.census.gov/prod/2003pubs/c2kbr-27.pdf>> accessed September 18, 2003.

**Table 14.09-- SINGLE-FAMILY HOME PRICE APPRECIATION FOR THE UNITED STATES, THE 50 STATES, AND THE DISTRICT OF COLUMBIA: 1991 TO 2008**

[In percent change from previous period and number. Period ending December 31 unless otherwise indicated. Estimates use Federal Housing Finance Agency's (FHFA) Purchase-Only House Price Index (HPI), not seasonally-adjusted. According to the "Housing and Economic Recovery Act of 2008" the FHFA regulates Fannie Mae and Freddie Mac, formerly under the Office of Federal Housing Enterprise Oversight. For discussion of HPI, see <<http://www.ofheo.gov/media/hpi/4q08hpi.pdf>>]

State	One-year (percent)	Rank 1/	Five-year (percent)	Since 1991, 1st quarter (percent)
United States 2/	-8.27	(X)	12.74	100.50
North Dakota	1.89	1	31.42	117.69
Wyoming	1.53	2	48.31	210.85
Alaska	0.43	3	31.50	123.77
Texas	0.30	4	21.50	90.62
Hawaii	0.27	5	56.61	116.20
South Dakota	0.22	6	22.65	126.07
West Virginia	-0.89	7	24.21	85.23
Iowa	-0.95	8	12.81	99.96
Kentucky	-1.25	9	12.54	89.47
New Mexico	-1.32	10	39.80	140.09
Kansas	-1.35	11	13.41	96.32
Oklahoma	-1.69	12	19.58	92.70
Louisiana	-1.98	13	28.25	131.56
Alabama	-2.34	14	22.98	93.97
Montana	-2.48	15	39.97	213.02
Nebraska	-2.49	16	7.24	91.90
Colorado	-2.61	17	9.24	167.74
Arkansas	-2.69	18	17.74	89.43
Pennsylvania	-2.99	19	28.58	98.04
Vermont	-3.20	20	31.39	112.58
New York	-3.28	21	20.71	118.48
South Carolina	-3.42	22	19.82	92.14
Wisconsin	-3.47	23	10.86	120.93
Missouri	-3.55	24	10.56	94.95
North Carolina	-3.66	25	21.64	93.87
Mississippi	-3.72	26	20.06	83.98
Indiana	-3.87	27	3.16	60.28
Tennessee	-3.90	28	19.14	95.22
District of Columbia	-3.93	29	46.62	234.08
Maine	-5.01	30	14.57	116.63
Massachusetts	-5.54	31	0.23	125.38

Continued on next page.

**Table 14.09-- SINGLE-FAMILY HOME PRICE APPRECIATION FOR THE UNITED STATES, THE 50 STATES, AND THE DISTRICT OF COLUMBIA: 1991 TO 2008-- Con.**

State	One-year (percent)	Rank 1/	Five-year (percent)	Since 1991, 1st quarter (percent)
Illinois	-5.75	32	11.64	99.21
Ohio	-6.16	33	-3.16	60.28
Connecticut	-6.47	34	15.20	84.13
Idaho	-6.50	35	41.27	146.11
Utah	-6.58	36	42.91	197.00
Oregon	-7.05	37	40.69	211.71
New Jersey	-7.34	38	21.56	137.02
Washington	-7.42	39	40.67	159.02
Delaware	-7.58	40	25.64	101.80
New Hampshire	-7.63	41	1.40	106.74
Minnesota	-8.11	42	0.35	125.57
Rhode Island	-9.41	43	5.34	104.48
Virginia	-10.08	44	22.97	116.11
Georgia	-10.26	45	2.89	75.40
Michigan	-11.40	46	-19.68	57.60
Maryland	-11.83	47	29.43	132.48
Arizona	-20.56	48	20.23	131.27
Florida	-23.96	49	8.07	111.46
California	-25.52	50	-8.19	72.19
Nevada	-28.24	51	-2.76	70.65

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) "Record Home Price Declines in Fourth Quarter; Isolated Pockets of Strength", pp. 15-16 (February 24, 2009) <<http://www.ofheo.gov/media/hpi/4q08hpi.pdf>> accessed March 2, 2009.

**Table 14.10-- COST OF LIVING ANALYSES FOR HONOLULU  
AND THE UNITED STATES AVERAGE: JANUARY 1, 2008**

[The U.S. National Average assumed consumption patterns vary according to income level. The Reference profiles for cost-of-living model rental (approximates the rental equivalent of owner-occupied housing) situations only. The Institute model may be considered as an evolution of the U.S. Department of Labor's "Urban Family of Four" model which the Bureau of Labor Statistics discontinued in 1981]

<b>Category</b>	<b>Income level 1 1/</b>	<b>Income level 2 2/</b>	<b>Income level 3 3/</b>	<b>Income level 4 4/</b>
Honolulu total	22,508	42,262	79,173	113,394
Rent, utilities	12,058	22,825	38,489	50,422
Taxes: federal, state, payroll	2,008	5,076	10,291	16,934
Consumables	6,801	10,816	20,320	27,875
Transportation	813	2,164	5,176	8,819
Health services	828	1,322	2,196	2,565
Miscellaneous	-	59	2,701	6,779
U.S. national average	12,168	24,000	48,000	72,000
Rent, utilities	4,928	9,547	16,692	22,157
Taxes: federal, state, payroll	1,727	4,401	9,216	15,264
Consumables	4,062	6,859	12,798	17,588
Transportation	730	1,959	4,654	7,943
Health services	721	1,175	1,939	2,269
Miscellaneous	-	59	2,701	6,779
Honolulu indexed to U.S. average	185.0	176.1	164.9	157.5
Rent, utilities	244.7	239.1	230.6	227.6
Taxes: federal, state, payroll	116.3	115.3	111.7	110.9
Consumables	167.4	157.7	158.8	158.5
Transportation	111.4	110.5	111.2	111.0
Health services	114.8	112.5	113.3	113.0
Miscellaneous	-	100.0	100.0	100.0

1/ Income level \$12,168 assumes a single, minimum wage earner living with friends or parents, contributing partial rent and no automobile.

2/ Income level \$24,000 assumes a single parent of one child in a rented apartment (900 square foot), holding one or more jobs, and one automobile.

3/ Income level \$48,000 assumes two adults (filing as married), ages 32, two jobs, one child, two automobiles, and renting a three-bedroom home (1,560 square foot).

4/ Income level \$72,000 assumes two adults (filing as married), age 37, two jobs, two children, two automobiles, and renting a three-bedroom residence (2,200 square foot) with two-car garage.

Source: ERI Economic Research Institute, *Geographic Reference Report 2008*, pp. 119 and 300 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 14.11-- COST OF LIVING ANALYSES FOR HONOLULU, SELECTED CITIES AND THE UNITED STATES AVERAGE: JANUARY 1, 2008**

[The U.S. National Average assumed consumption patterns vary according to income level. The Reference profiles for cost-of-living model rental (approximates the rental equivalent of owner-occupied housing) situations only. The Institute model may be considered as an evolution of the U.S. Department of Labor's "Urban Family of Four" model which the U.S. Bureau of Labor Statistics discontinued in 1981]

Location	Income level 1 1/	Income level 2 2/	Income level 3 3/		Income level 4 4/
			Dollars	Rank	
United States average	12,168	24,000	48,000	(X)	72,000
New York, New York	31,230	58,363	107,729	1	152,080
San Francisco, California	28,165	52,539	95,904	2	135,472
<b>Honolulu, Hawaii</b>	<b>22,508</b>	<b>42,262</b>	<b>79,173</b>	<b>3</b>	<b>113,394</b>
Washington, D.C.	21,988	41,762	78,728	4	113,426
Los Angeles, California	21,747	41,019	76,995	5	110,996
Queens, New York	19,758	37,378	70,083	6	100,767
San Diego, California	19,929	37,795	69,908	7	100,415
Boston, Massachusetts	19,867	37,609	69,893	8	100,062
Anaheim, California	19,355	36,594	69,249	9	100,397
Juneau, Alaska	18,640	35,216	67,198	10	97,355
Oakland, California	18,954	35,657	67,031	11	97,054
Brookhaven, New York	18,153	34,608	66,941	12	97,652
Stamford, Connecticut	18,522	35,330	66,841	13	96,608
San Jose, California	18,865	35,470	65,985	14	95,119
Long Beach, California	18,639	35,319	65,524	15	94,584
Atlantic City, New Jersey	16,255	31,085	65,230	16	98,565
Santa Barbara, California	18,019	34,244	65,151	17	94,983
Santa Cruz, California	18,027	34,323	63,753	18	92,124
Boulder, Colorado	17,825	33,810	62,540	19	89,988
Chicago, Illinois	16,548	31,549	61,305	20	90,116
Anchorage, Alaska	16,802	31,567	61,199	21	89,372
Seattle, Washington	17,116	32,352	60,840	22	88,025
Monterey, California	16,448	31,462	60,790	23	89,477
Ventura, California	16,781	31,989	60,698	24	88,639
Philadelphia, Pennsylvania	16,652	31,639	60,418	25	88,077

(X) Not applicable.

1/ Income level \$12,168 assumes a single, minimum wage earner living with friends or parents, contributing partial rent and no automobile.

2/ Income level \$24,000 assumes a single parent of one child in a rented apartment (900 square foot), holding one or more jobs, and one automobile.

3/ Income level \$48,000 assumes two adults (filing as married), ages 32, two jobs, one child, two automobiles, and renting a three-bedroom home (1,560 square foot).

4/ Income level \$72,000 assumes two adults (filing as married), age 37, two jobs, two children, two automobiles, and renting a three-bedroom residence (2,200 square foot) with two-car garage.

Source: ERI Economic Research Institute, *Geographic Reference Report 2008*, and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 14.12-- HOUSING'S MOST EXPENSIVE AND MOST AFFORDABLE MARKETS IN EACH STATE AND THE DISTRICT OF COLUMBIA: 2008**

[The home market values shown in the table below are based on 2,200 sq. ft. (approximately), single-family dwelling with 4-bedroom, 2.5-bath, family room (or equivalent) and 2-car garage in a corporate middle-management neighborhood. The sampling of locations studied in the annual Coldwell Banker® Home Price Comparison Index (HPCI) is based on an analysis of 315 United States markets listings' average sales price through July 2008 ]

State	Most expensive	Average sales price	Most affordable	Average sales price
Alabama	Mobile	228,750	Huntsville	218,267
Alaska	Juneau	402,873	Anchorage	337,725
Arizona	Scottsdale	472,833	Mesa	231,720
Arkansas	Fayetteville	248,528	Fort Smith	185,450
California	La Jolla	1,841,667	Bakersfield	273,457
Colorado	Boulder	645,000	Colorado Springs	198,500
Connecticut	Greenwich	1,787,000	West Hartford	394,500
Delaware	Wilmington	409,000	(1/)	(1/)
District of Columbia	District of Columbia	785,000	(1/)	(1/)
Florida	Key West	818,239	Ormond Beach	201,233
Georgia	Atlanta	314,333	Macon	169,048
<b>Hawaii</b>	<b>Kihei, Maui</b>	<b>934,950</b>	<b>Honolulu</b>	<b>780,000</b>
Idaho	Coeur d'Alene	232,967	Boise	232,750
Illinois	Chicago	863,300	Rockford	199,875
Indiana	Munster	342,667	Muncie	144,250
Iowa	Des Moines	236,875	Sioux City	133,459
Kansas	Leavenworth	239,500	Topeka	150,075
Kentucky	Lexington	291,000	Florence	223,257
Louisiana	New Orleans	306,900	Shreveport	229,925
Maine	Portland	352,250	Augusta	152,947
Maryland	Bethesda	767,453	Hagerstown	264,825
Massachusetts	Boston	1,493,750	Worcester	269,333
Michigan	Ann Arbor	263,783	Jackson	134,325
Minnesota	Edina	413,325	Rochester	201,900
Mississippi	Jackson	238,938	Tupelo	195,790
Missouri	Kansas City	229,000	Springfield	183,300
Montana	Bozeman	331,332	Great Falls	175,500
Nebraska	Kearney	223,750	North Platte	195,762
Nevada	Reno	302,625	Las Vegas	272,125
New Hampshire	Hanover	584,500	Portsmouth	276,667
New Jersey	Ridgewood	955,938	Haddon Heights	275,680
New Mexico	Santa Fe	627,500	Albuquerque	329,185
New York	Katonah	888,750	Syracuse	198,600
North Carolina	Wilmington	356,355	Greensboro	187,967

Continued on next page.

**Table 14.12-- HOUSING'S MOST EXPENSIVE AND MOST AFFORDABLE  
MARKETS IN EACH STATE AND THE DISTRICT OF COLUMBIA: 2008 -- Con.**

<b>State</b>	<b>Most expensive</b>	<b>Average sales price</b>	<b>Most affordable</b>	<b>Average sales price</b>
North Dakota	Fargo	224,426	Minot	142,000
Ohio	Cincinnati	243,583	Akron	135,780
Oklahoma	Oklahoma City	165,000	Tulsa	154,200
Oregon	Bend	404,250	Salem	299,437
Pennsylvania	Philadelphia	511,750	Erie	211,625
Rhode Island	Providence	464,000	(1/)	(1/)
South Carolina	Charleston	389,750	Columbia	189,262
South Dakota	Rapid City	213,925	(1/)	(1/)
Tennessee	Nashville	239,500	Chattanooga	158,000
Texas	Dallas	326,425	Arlington	143,775
Utah	Salt Lake City	389,400	Provo	347,850
Vermont	Burlington	367,750	Rutland	278,898
Virginia	Alexandria	744,190	Winchester	264,500
Washington	Bellevue	814,483	Tri-Cities	225,988
West Virginia	Charleston	184,950	Parkersburg	165,333
Wisconsin	Milwaukee	374,825	Eau Claire	147,300
Wyoming	Casper	220,000	(1/)	(1/)

1/ Only one market included in the study.

Source: Coldwell Banker, "Annual Coldwell Banker Home Price Comparison Index Finds \$1.7 Million Difference between Nation's Most Expensive and Affordable Housing Markets" (September 9, 2008)  
<[http://hpci.coldwellbanker.com/hpci\\_press.aspx#US](http://hpci.coldwellbanker.com/hpci_press.aspx#US)> accessed September 30, 2008.

**Table 14.13-- AVERAGE GASOLINE PRICE FOR THE UNITED STATES AND FOR THE 50 STATES AND THE DISTRICT OF COLUMBIA: JUNE 6, 2009**

[Up to 100,000 retail gasoline self-serve stations are surveyed daily and prices posted the following day. The posting date is indicated in the title. Prices are in dollars per gallon. Rank of 1 indicates highest price per gallon. Rank is among 50 states and District of Columbia]

Item	Regular	Mid	Premium	Diesel
Hawaii	2.887	3.053	3.110	3.849
Hawaii rank	2	4	5	1
U. S. average	2.606	2.767	2.866	2.495
Hawaii as percent of U.S. average	110.783	110.336	108.514	154.269
Alabama	2.440	2.608	2.686	2.388
Alaska	2.828	2.993	3.164	3.463
Arizona	2.479	2.586	2.735	2.463
Arkansas	2.481	2.617	2.784	2.400
California	2.883	3.069	3.120	2.734
Colorado	2.513	2.688	2.809	2.420
Connecticut	2.694	2.923	3.000	2.720
Delaware	2.493	2.648	2.765	2.484
District of Columbia	2.603	2.772	2.855	2.724
Florida	2.578	2.793	2.844	2.511
Georgia	2.445	2.628	2.745	2.400
Hawaii	2.887	3.053	3.110	3.849
Idaho	2.533	2.673	2.747	2.460
Illinois	2.852	3.068	3.163	2.575
Indiana	2.808	3.020	3.106	2.507
Iowa	2.587	2.724	2.854	2.437
Kansas	2.548	2.616	2.718	2.482
Kentucky	2.584	2.771	2.897	2.404
Louisiana	2.473	2.636	2.759	2.391
Maine	2.589	2.793	2.871	2.537
Maryland	2.503	2.661	2.729	2.491
Massachusetts	2.530	2.720	2.823	2.560
Michigan	2.920	3.093	3.217	2.573
Minnesota	2.614	2.719	2.789	2.491
Mississippi	2.433	2.566	2.681	2.348
Missouri	2.449	2.549	2.698	2.344
Montana	2.569	2.679	2.808	2.414
Nebraska	2.656	2.715	2.791	2.461
Nevada	2.611	2.752	2.852	2.523
New Hampshire	2.495	2.702	2.798	2.462
New Jersey	2.416	2.590	2.688	2.409
New Mexico	2.597	2.766	2.885	2.506
New York	2.708	2.897	2.958	2.737

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**Table 14.13-- AVERAGE GASOLINE PRICE FOR THE UNITED STATES AND FOR THE 50 STATES AND THE DISTRICT OF COLUMBIA: JUNE 6, 2009-- Con.**

State	Regular	Mid	Premium	Diesel
North Carolina	2.517	2.671	2.788	2.437
North Dakota	2.633	2.724	2.822	2.470
Ohio	2.794	2.979	3.099	2.542
Oklahoma	2.478	2.563	2.705	2.320
Oregon	2.663	2.810	2.852	2.522
Pennsylvania	2.576	2.715	2.835	2.624
Rhode Island	2.576	2.740	2.831	2.590
South Carolina	2.391	2.542	2.666	2.344
South Dakota	2.582	2.747	2.860	2.417
Tennessee	2.421	2.563	2.686	2.367
Texas	2.461	2.604	2.698	2.394
Utah	2.475	2.611	2.724	2.413
Vermont	2.521	2.712	2.829	2.573
Virginia	2.444	2.564	2.663	2.431
Washington	2.754	2.852	2.994	2.654
West Virginia	2.689	2.811	2.952	2.551
Wisconsin	2.802	2.909	3.043	2.514
Wyoming	2.447	2.551	2.717	2.348

Source: AAA's Daily Fuel Gauge Report© Copyright, Oil Price Information Service, National Unleaded Average <<http://www.fuelgaugereport.com/index.asp>> and Current State Averages <<http://www.fuelgaugereport.com/sbsavg.asp>> accessed June 6, 2009.

**Table 14.14-- CENTRAL BUSINESS DISTRICT PARKING RATES FOR HONOLULU AND THE UNITED STATES AVERAGE: 2009**

[Survey only includes covered and underground garages in prime central business districts (CBD) in 64 markets in North America, with 52 of them in the U.S. Parking rate data were collected during the month of June 2008 and includes all relevant taxes. Garages may offer supplementary services such as valet parking, car washing/detailing and dry cleaning. For reserved parking, the customer is guaranteed the same space for every entry. For unreserved parking, the customer is guaranteed a space upon entry. For daily parking, the customer is permitted to park for a full day and is not impacted by "early bird" restrictions]

<b>Market 1/</b>	<b>Segment</b>	<b>Honolulu</b>	<b>United States average</b>	<b>Honolulu as percent of United States average</b>
Monthly unreserved	Parking rate – high	325.00	208.98	155.5
Monthly unreserved	Parking rate – low	130.00	107.16	121.3
Monthly unreserved	Parking rate – median	212.33	154.23	137.7
Monthly reserved	Parking rate – high	425.00	268.13	158.5
Monthly reserved	Parking rate – low	150.00	136.55	109.8
Monthly reserved	Parking rate – median	314.14	188.75	166.4
Daily parking	Rate – high	75.00	24.16	310.4
Daily parking	Rate – low	21.00	10.07	208.5
Daily parking	Rate – median	35.50	15.96	222.4
Hourly parking	Rate – high	10.00	8.91	112.2
Hourly parking	Rate – low	1.50	3.12	48.1
Hourly parking	Rate – median	6.00	5.57	107.7
Garages offering additional services (percent)		5	21.6	23.1
Garages with waiting lists (percent)		5	13.6	36.8
Typical wait period (number of months)		3.0	3.70	81.1
Availability of parking		2/ Fair	(X)	(X)
Additional garages within next 24 months		-	(X)	(X)
Parking spots to be added		-	(X)	(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 the 2009.

2/ Refers to parking garages that are 60-80% full Monday to Friday and weekends during special events.

Source: Colliers International North America "Highlights CBD Parking Rate Survey 2009"

<<http://www.colliers.com/Corporate/MarketReports/UnitedStates/>> accessed July 2, 2009 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 14.15-- COST OF LIVING INDEX FOR SELECTED MAJOR CITIES  
IN THE UNITED STATES AND RANK WORLDWIDE: 2006 TO 2009**

[The survey, conducted in March, covers more than 140 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 and rankings below 50th are not readily available]

City and state	Index			Global rank		
	2006	2008	2009	2006	2008	2009
Atlanta, GA	76.3	(NA)	(NA)	86	(NA)	(NA)
Boston, MA	76.8	(NA)	(NA)	84	(NA)	(NA)
Chicago, IL	84.1	80.3	80.7	38	84	50
Cleveland, OH	69.8	(NA)	(NA)	110	(NA)	(NA)
Denver, CO	73.6	(NA)	(NA)	97	(NA)	(NA)
Detroit, MI	68.3	(NA)	(NA)	122	(NA)	(NA)
<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>
Houston, TX	78.5	(NA)	(NA)	76	(NA)	(NA)
Los Angeles, CA	86.7	87.5	87.6	29	55	23
Miami, FL	83.9	82.0	81.4	39	75	45
Morristown, NJ	76.8	(NA)	(NA)	84	(NA)	(NA)
New York City, NY	100.0	100.0	100.0	10	22	8
Pittsburgh, PA	69.4	(NA)	(NA)	113	(NA)	(NA)
Portland, OR	69.7	(NA)	(NA)	111	(NA)	(NA)
San Francisco, CA	85.0	81.0	82.5	34	78	34
Seattle, WA	71.9	(NA)	(NA)	102	(NA)	(NA)
St. Louis, MO	71.6	(NA)	(NA)	103	(NA)	(NA)
Washington, DC	77.0	(NA)	(NA)	83	(NA)	(NA)
White Plains, NY	83.2	79.3	84.7	34	89	31
Winston Salem, NC	66.7	(NA)	(NA)	124	(NA)	(NA)

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; and FinFacts "Global/World Cost of Living Rankings - 2006-2007" <<http://www.finfacts.com/costofliving3.htm>> accessed July 14, 2006.

**Table 14.16-- COST OF LIVING INDEX FOR SELECTED MAJOR CITIES FOR 2007 AND RANK FOR 2006 AND 2007**

[The bi-annual survey compares the cost of a representative basket of goods and services in dollar terms from over 130 cities worldwide. Listed in order of rank in 2007. Rank of 1 indicates most expensive city. New York City = Index of 100]

City	Country	Rank		Index
		2006	2007	2007
Oslo	Norway	1	1	132
Paris	France	4	2	130
Copenhagen	Denmark	6	3	126
London	United Kingdom	7	4	125
Tokyo	Japan	2	5	124
Osaka - Kobe	Japan	4	6	118
Seoul	South Korea	13	11	115
Singapore	Singapore	24	14	108
Hong Kong	Hong Kong	14	16	107
Sydney	Australia	16	18	106
New York	United States	27	28	100
Vancouver	Canada	43	34	96
Chicago	United States	35	36	95
Montreal	Canada	43	36	95
Los Angeles	United States	35	39	94
San Francisco	United States	40	41	92
Toronto	Canada	47	43	90
Washington, D.C.	United States	46	44	89
Houston	United States	48	47	88
Auckland	New Zealand	29	50	87
Shanghai	China	51	51	86
Taipei	Taiwan	48	53	85
Miami	United States	54	55	84
Detroit	United States	58	61	82
Seattle	United States	58	61	82
Beijing	China	58	63	80
Boston	US	63	63	80
Mexico City	Mexico	57	68	79
Jakarta	Indonesia	100	73	76
<b>Honolulu</b>	<b>United States</b>	<b>75</b>	<b>77</b>	<b>73</b>
Atlanta	United States	81	84	71
Bangkok	Thailand	107	92	67
Ho Chi Minh	Vietnam	91	92	67
Kathmandu	Nepal	(NA)	126	45
New Delhi	India	122	126	45
Manila	Philippines	127	131	43
Tehran	Iran	128	132	34

NA Not available.

Source: Economist Intelligence Unit "Worldwide Cost of Living Survey 2007" (March 6, 2007)  
 <<http://www.eiuresources.com/mediadir/default.asp?PR=1670001967>> accessed March 20, 2007 and  
 Digg World News "The Economist ranks the world's most expensive cities"  
 <[http://www.digg.com/world\\_news/The\\_Economist\\_ranks\\_the\\_world\\_s\\_most\\_expensive\\_cities](http://www.digg.com/world_news/The_Economist_ranks_the_world_s_most_expensive_cities)>  
 accessed March 30, 2007.

**Table 14.17-- PAY DIFFERENTIALS AND COST OF LIVING INDEXES FOR FEDERAL EMPLOYEES IN HAWAII RELATIVE TO WASHINGTON, D.C., BY COUNTY: 1996 TO 2009**

[No further changes as of June 30, 2009]

Effective or survey date	Allowance category	Honolulu	Hawaii	Maui	Kauai
	ALLOWANCE RATES				
March 25, 1997	All employees 1/	22.50	15.00	22.50	22.50
December 2, 1997	All employees 1/	22.50	15.00	22.50	22.50
October 21, 1998	All employees 2/	25.00	15.00	22.50	22.50
October 3, 2000	All employees 3/	25.00	16.50	23.75	23.25
November 9, 2001	All employees 4/	25.00	16.50	23.75	23.25
June 30, 2008	All employees 5/	25.00	18.00	25.00	25.00
	INDEXES				
1996 Survey	Cost of Living Index 6/	121.95	111.89	121.36	121.36
1998 Survey	Cost Comparison Index 7/	124.51	110.89	120.32	117.19

1/ Interim Rule issued on March 25 and Final Rule issued on December 2, 1997.

2/ As Interim Rule on October 21 and as corrected on November 13, 1998. Final Rule published July 17, 2000, effective August 16, 2000. Current law prohibits reduction in COLA rates through December 31, 2000. As part of the COLA Research in the litigation Carabello et al vs United States and as requested by Congress, an Interim Rates and Survey Schedule was announced but not yet enacted. The rates, as of October 1, 2000, are raised for Hawaii and Maui to 16.50 and 23.75 percent respectively. The Interim Rates as well as those for Kauai may increase further depending upon the results of the 1998 price surveys and the surveys conducted under New Regulations. Also see OMP, Non-Foreign Area Cost-of-Living Allowances, Special COLA Research Announcement, July 17, 2000 and <<http://www.opm.gov/oca/cola/html/cola-n.htm>>.

3/ Interim rule and invitation for comment issued in Federal Register: Vol. 65, No. 192.

4/ Final rule issued in Federal Register: November 9, 2001 (Volume 66, Number 218).

5/ Final rule issued in Federal Register: May 29, 2008 (Volume 73, Number 104).

6/ Washington, D.C. living costs=100. Based on a survey of comparative costs for Federal employees in February 1996. The Survey was conducted and indexes calculated by Runzheimer International. The detailed methodology is described in the *Federal Register*: March 25, 1997.

7/ Similar explanation to footnote 4/ except the survey period was 1998 and publication in the *Federal Register* was July 17, 2000.

Source: U.S. Office of Personnel Management, *Federal Register Online* via GPO Access <<http://www.wais.access.gpo.gov>>, Vol. 62, No. 57, March 25, 1997 (pp. 14187-14189); Vol. 62, No. 231, December 2, 1997 (pp. 63630-63631); Vol. 63, No. 203, October 21, 1998 (pp. 56430-56431); Vol. 63, No. 219, November 13, 1998 (p. 63385) and <<http://www.opm.gov/oca/cola/html/c-rates.html>> accessed May 15, 2000. OMP-announced Federal COLA Retro Settlement, 06-23-00 and further developments <<http://www.opm.gov/oca/compmemo/2000/2000-10.htm>>. OMP, Non-Foreign Area Cost-of-Living Allowances, Special COLA Research Announcement, July 17, 2000; OMP, Cost-of-Living Allowances Vol. 65, No. 192, October 3, 2000 (58901-58902) and <<http://www.opm.gov/oca/cola/html/c-rates.html>> accessed June 30, 2007; and *Federal Register*, Vol. 73, No. 104, May 29, 2008 (pp. 30727- 30734) <<http://edocket.access.gpo.gov/2008/pdf/E8-12020.pdf>> accessed May 29, 2008.

**Table 14.18-- COST OF LIVING ALLOWANCE INDEXES FOR MILITARY IN HAWAII RELATIVE TO CONTINENTAL UNITED STATES, BY ISLAND**

[As of June 30, 2009. Index number continental United States=100]

<b>Effective date</b>	<b>Locality</b>	<b>Locality code 1/</b>	<b>Index</b>
May 1, 2009	Hawaii Island	HI 001	132
May 1, 2009	Kauai	HI 003	134
July 1, 2009	Maui	HI 005	138
July 1, 2009	Molokai	HI 007	138
May 1, 2009	Oahu	HI 009	128
November 8, 1989	Other islands	HI 999	None

1/ Assigned by the Department of Defense to identify each area entitled to COLA. Location code "HI 999 - Other islands" is a valid location but COLA is not currently prescribed for this Hawaii location.

Source: U.S. Department of Defense, Per Diem, Travel and Transportation Committee, Overseas Cost-of-Living Program, "Table III - Cost-of-Living Allowance (COLA) Indexes, Changes Effective 1-Jul-2009", p.7 <<http://www.defensetravel.dod.mil/pdc-archive/appendix-j/2009%20COLA%20Indexes/>> accessed June 30, 2009.

**Table 14.19-- PER DIEM RATES FOR MILITARY IN HAWAII, BY ISLAND OR INSTALLATION**

[As of July 1, 2009. In dollars per day. To calculate a per diem rate: maximum lodging plus meals (local, proportional, or government) plus incidental rate (local or onbase) as specified in the travel orders. Once effective, the rates apply January 1 - December 31]

Locality	Maximum per diem rate 1/	Maximum lodging	Local meals rate	Proportional meals rate	Local incidental rate 2/	Effective date
Camp H.M. Smith	283	177	85	48	21	May 1, 2008
EASTPAC Naval COMP TELE Area	283	177	85	48	21	May 1, 2008
Ft. DeRussey	283	177	85	48	21	May 1, 2008
Ft. Shafter	283	177	85	48	21	May 1, 2008
Hickam Air Force Base	283	177	85	48	21	May 1, 2008
Honolulu	283	177	85	48	21	May 1, 2008
Isle of Hawaii: Hilo	219	115	83	47	21	May 1, 2009
Isle of Hawaii: other	288	180	86	48	22	May 1, 2009
Isle of Kauai	313	198	92	51	23	May 1, 2009
Isle of Maui	273	169	83	47	21	May 1, 2009
Isle of Oahu	283	177	85	48	21	May 1, 2008
Kekaha Pacific Missile Range Fac.	313	198	92	51	23	May 1, 2009
Kilauea Military Camp	219	115	83	47	21	May 1, 2009
Lanai	353	229	99	55	25	May 1, 2009
Lualualei Naval Magazine	283	177	85	48	21	May 1, 2008
Marine Corps Base Hawaii	283	177	85	48	21	May 1, 2008
Molokai	257	159	79	45	19	May 1, 2009
NAS Barbers Point	283	177	85	48	21	May 1, 2008
Pearl Harbor	283	177	85	48	21	May 1, 2008
Schofield Barracks	283	177	85	48	21	May 1, 2008
Wheeler Army Airfield	283	177	85	48	21	May 1, 2008
Other 3/	219	115	83	47	21	May 1, 2009

1/ For reimbursement of subsistence expenses incurred during official OCONUS (Outside Continental United States) travel.

2/ The standard onbase incidental rate is \$3.50 OCONUS-wide.

3/ Use this rate if neither the city nor military installation is listed.

Source: U.S. Department of Defense, Per Diem, Travel and Transportation Committee, Rates and Allowances, Per Diem Rates, Hawaii <<https://secureapp2.hqda.pentagon.mil/perdiem/>> accessed July 10, 2009.

## 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: 2009*.

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Narrative

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**Table 15.01-- NUMBER OF FINANCIAL INSTITUTIONS, BY TYPES:  
1998 TO 2008**

[Includes main offices, but excludes out-of-State branches of Hawaii-based institutions.  
As of December 31]

Category	Banks		Savings and loan associations		Financial services loan companies	
	Firms	Locations	Associations	Locations	Firms	Locations
YEAR						
1998	6	191	3	97	38	126
1999	6	187	3	97	35	103
2000	6	194	3	87	32	98
2001	6	196	3	90	33	93
2002	6	196	3	92	29	88
2003	6	193	3	88	29	93
2004	6	193	3	91	24	88
2005	5	184	3	91	22	96
2006	8	189	3	92	21	99
2007	7	188	3	91	17	67
2008	7	192	3	91	16	53
TYPE OF CHARTER: 2008						
Federal	1	15	2	86	-	-
State 1/	6	177	1	5	16	53
ISLAND: 2008						
Hawaii	4	23	3	9	3	7
Maui	4	26	3	11	4	6
Lanai	2	2	-	-	-	-
Molokai	1	1	1	1	1	1
Oahu	7	125	3	64	13	36
Kauai	3	15	2	6	3	3
Niihau	-	-	-	-	-	-

1/ Chartered by any state in the U.S.

Source: Hawaii State Department of Commerce and Consumer Affairs, Division of Financial Institutions, records.

**Table 15.02-- FINANCE AND INSURANCE SUBSECTOR (NAICS 52):  
2007**

[Data refer to establishments with taxable payrolls. Excludes government and self-employed workers. Statistics based on the North American Industry Classification System NAICS]

NAICS code	Major group	Establishments	Number of employees 1/	Annual payroll (\$1,000)
52	Total	1,674	20,608	1,114,147
522	Credit intermediation and related activities	903	11,998	572,817
5221	Depository credit intermediation	490	9,523	463,260
52211	Commercial banking	222	5,479	298,498
52212	Savings institutions	105	(2/)	(D)
52213	Credit unions	163	2,134	81,926
5222	Nondepository credit intermediation	208	1,698	77,931
5223	Activities related to credit intermediation 3/	205	777	31,626
52231	Mortgage and nonmortgage loan brokers	161	639	27,334
523	Securities, commodity contracts, other financial investments, and related activities 3/	249	1,243	113,340
5231	Securities and commodity contracts intermediation and brokerage	95	679	69,934
524	Insurance carriers and related activities	515	7,082	418,020
5241	Insurance carriers 3/	105	4,148	264,195
52411	Direct life, health, & medical insurance carriers	54	2,678	162,808
5242	Agencies, brokerages, and other insurance related activities 3/	410	2,934	153,825
52421	Insurance agencies and brokerages	367	2,406	125,179
525	Funds, trusts, and other financial vehicles	7	(4/)	9,970

D Withheld to avoid disclosing data for individual companies.

1/ For week including March 12.

2/ 1,000 to 2,499 employees.

3/ Includes subgroups not shown separately.

4/ 250 to 499 employees.

Source: U.S. Census Bureau, *2007 County Business Patterns*

<<http://censtats.census.gov/cgi-bin/cbpnaic/cbpdetl.pl>> accessed July 30, 2009.

**Table 15.03-- CHARACTERISTICS OF THE FINANCE AND INSURANCE SECTOR (NAICS 52): 2002**

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

NAICS code	Kind of business	Establishments	Revenue (\$1,000)	Annual payroll (\$1,000)	Paid employees 1/
52	Total	1,421	(2/)	874,184	18,257
522	Credit intermediation and related activities	743	(2/)	476,023	10,514
5221	Depository credit intermediation	486	(2/)	406,097	9,269
52211	Commercial banking	230	(3/)	289,120	5,973
52212	Savings institutions	109	(3/)	67,268	1,681
52213	Credit unions	147	300,486	49,709	1,615
5222	Nondepository credit intermediation	146	217,187	46,636	780
5223	Activities related to credit intermediation 4/	111	64,902	23,290	465
52231	Mortgage and nonmortgage loan brokers	71	45,241	16,687	280
523	Securities, commodity contracts, other financial investments and related activities 4/	199	(D)	(D)	(5/)
5231	Securities and commodity contracts intermediation and brokerage	92	167,618	78,208	745
524	Insurance carriers and related activities	477	(2/)	292,436	6,519
5241	Insurance carriers 4/	126	(3/)	189,703	4,156
52411	Direct life, health, medical insurance carriers	58	(3/)	102,430	2,506
5242	Agencies, brokerages, and other insurance related activities 4/	351	277,132	102,733	2,363
52421	Insurance agencies and brokerages	299	226,906	75,464	1,781
525	Funds, trusts, and other financial vehicles (part)	2	(D)	(D)	(6/)

D Withheld to avoid disclosing data for individual companies.

1/ Pay period including March 12.

2/ Not available or not comparable.

3/ Revenue not collected at this level of detail for multiestablishment firms.

4/ Includes subgroups not shown separately.

5/ 1,000 to 2,499 employees.

6/ 0 to 19 employees.

Source: U.S. Census Bureau, *2002 Economic Census, Finance and Insurance, Geographic Area Series, Hawaii*, EC02-52A-HI (August 2005), table 1 <<http://www.census.gov/prod/ec02/ec0252hi.pdf>> accessed January 17, 2006.

**Table 15.04-- CHARACTERISTICS OF STATE-CHARTERED FINANCIAL INSTITUTIONS, BY TYPE: 2006 TO 2008**

[Includes out-of-state branches and facilities. Includes only institutions chartered by the State of Hawaii. As of December 31]

Subject	2006	2007	2008
<b>BANKS</b>			
Number of banks	5	5	5
Number of branches and agency offices	195	192	197
Assets (million dollars)	28,222.1	28,937.1	29,196.9
Deposits (million dollars)	20,894.5	21,221.5	21,776.7
<b>DEPOSITORY FINANCIAL SERVICES LOAN COMPANIES</b>			
Number of companies	1	1	1
Number of branches and agency offices	14	14	15
Assets (million dollars)	672.9	707.4	690.2
Deposits (million dollars)	487.4	516.7	494.7

Source: Hawaii State Department of Commerce and Consumer Affairs, Division of Financial Institutions, *Comparative Statements of Condition* (semi-annual) <<http://www.hawaii.gov/dcca/areas/dfi/main/reports/>> accessed June 24, 2009.

**Table 15.05-- CHARACTERISTICS OF COMMERCIAL BANKS  
HEADQUARTERED IN HAWAII, BY ASSET SIZE: 2008**

[As of December 31. Includes out-of-State branches and facilities of banks. Excludes data for banks with branches and facilities in Hawaii but headquartered outside Hawaii]

Subject	All banks	Banks with assets of less than \$100 million	Banks with assets of \$100 million to \$1 billion	Banks with assets of more than \$1 billion
Number of institutions reporting	7	1	3	3
Total employees (full-time equivalent)	6,273	20	379	5,874
ASSETS AND LIABILITIES (MILLION DOLLARS)				
Assets	30,387	67	1,313	29,006
Net loans and leases	19,200	54	959	18,186
Foreign 1/	1,101	(NA)	13	1,088
Domestic 2/	18,099	(NA)	946	17,098
Securities	6,309	-	199	6,110
Liabilities	26,442	58	1,189	25,195
Deposits	22,720	57	1,054	21,608
Foreign 1/	1,348	(NA)	-	1,348
Domestic 2/	21,372	57	1,054	20,260
Equity capital	3,945	10	124	3,811
Loan loss allowance	363	1	15	347
Unused loan commitments	7,453	4	270	7,179
ASSET QUALITY (PERCENT OF LOANS)				
Loan loss allowance	1.857	1.580	1.546	1.875
Past due and non-accrual	1.777	3.934	2.675	1.723
Real estate	1.749	1.455	2.921	1.674
Commercial and industrial	1.265	12.408	1.251	1.225
Consumer	2.869	4.745	2.339	2.867

NA Not available.

1/ The assets, loans or deposits of the offices of the banks in foreign countries. Not comparable to *Data Books* prior to 2002.

2/ The assets, loans or deposits of the bank offices within the United States.

Source: Federal Deposit Insurance Corporation <<http://www2.fdic.gov/SDI/SOB/>> accessed July 6, 2009; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 15.06-- CREDIT UNIONS: 1999 TO 2008**

[As of December 31]

<b>Year</b>	<b>Number of credit unions</b>	<b>Assets (dollars)</b>	<b>Shares (dollars)</b>	<b>Loans (dollars)</b>	<b>Number of credit union members</b>
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	7,107,203,506	6,146,573,223	3,751,577,729	806,840
2008	91	7,623,881,213	6,603,076,937	4,010,936,283	809,315

Source: Hawaii Credit Union League, records.

**Table 15.07-- INSURANCE BUSINESS TRANSACTED IN HAWAII:  
1998 TO 2007**

[Includes data for all insurance companies, life or other, licensed in Hawaii]

Year	Number of companies licensed in Hawaii, Dec. 31	Premiums paid (\$1,000)	Losses, claims and benefits paid (\$1,000)	Cumulative net investments in Hawaii, Dec. 31 1/ (\$1,000)
1998	979	1,955,457	1,352,865	4,792,872
1999	992	1,997,905	2,187,970	4,241,739
2000	997	2,115,812	1,912,430	3,836,913
2001	988	2,186,640	1,648,415	3,609,657
2002	989	2,429,982	1,500,930	3,433,944
2003	987	2,732,865	1,538,481	3,471,284
2004	953	2,912,186	1,869,570	4,330,020
2005	963	3,117,115	2,014,646	4,102,635
2006	967	2/ 3,475,130	2/ 2,694,150	5,368,663
2007	966	3,606,984	3,136,056	5,845,236

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://www.hawaii.gov/dcca/areas/ins/main/reports>> accessed March 4, 2009.

**Table 15.08-- LIFE INSURANCE BUSINESS TRANSACTED IN HAWAII:  
1998 TO 2007**

[Includes fraternal benefit societies]

Year	Number of companies licensed in Hawaii, Dec. 31	Face value of policies written 1/ (\$1,000)	Insurance in force, Dec. 31 2/ (\$1,000)	Premiums 3/ (\$1,000)	Losses, claims, and benefits paid 3/ (\$1,000)
1998	485	7,237,492	63,999,905	485,295	661,743
1999	483	12,397,141	69,661,030	519,003	1,552,836
2000	478	9,802,583	73,452,956	615,360	1,168,646
2001	472	7,528,187	71,621,301	509,806	925,602
2002	461	8,497,926	77,883,570	546,095	792,006
2003	448	15,195,349	87,362,008	602,830	804,336
2004	433	9,650,742	91,221,745	549,083	1,057,134
2005	434	10,245,838	97,239,187	576,730	1,177,491
2006	429	10,250,274	97,128,330	4/ 630,068	4/ 1,795,645
2007	417	14,116,865	101,684,178	715,494	2,100,785

1/ Includes insurance revived, increased, or transferred. Excludes annuities. Data not audited.

2/ Excludes annuities. Data not audited.

3/ Life insurance portion excludes annuities, but fraternal portion includes it.

4/ Revised from previous *Data Book*.

Source: Hawaii State Department of Commerce and Consumer Affairs, *Report of the Insurance Commissioner of Hawaii* (annual) <<http://www.hawaii.gov/dcca/areas/ins/main/reports>> accessed March 4, 2009 and records.

**Table 15.09-- INSURANCE PREMIUMS AND LOSSES PAID, BY CLASS OF INSURANCE: 2007**

[Dollars]

Class of insurance	Premiums	Losses, claims, and benefits paid
All classes	3,606,984,148	1/ 3,136,056,123
Life 2/	709,980,181	2,095,322,789
Fraternal	5,513,811	5,462,699
Fire, marine, casualty, and miscellaneous	2,579,783,016	1,035,270,635
Accident and health 3/	418,746,893	241,271,392
Fire	37,187,955	4,415,488
Allied lines	31,077,737	4,296,943
Multiple peril crop	2,199,425	-
Federal flood	22,761,974	67,877
Farmowners multiple peril	44,054	-
Homeowners multiple peril	313,590,841	49,606,088
Commercial multiple peril (fire & allied lines)	87,393,034	19,557,300
Commercial multiple peril (liability portion)	60,366,964	11,643,037
Mortgage guaranty	50,298,230	120,348,233
Ocean marine	13,732,424	8,215,538
Inland marine	47,029,304	14,649,119
Financial guaranty	10,477,383	-
Medical malpractice	20,004,639	11,479,401
Earthquake	2,838,553	525,304
Workers' compensation	325,740,194	101,254,090
Other liability	184,627,628	42,398,366
Products liability	8,097,832	3,044,190
Private passenger auto no-fault	85,733,322	41,640,077
Other private passenger auto liability	329,624,239	156,045,511
Commercial auto no-fault	7,237,382	1,808,522
Other commercial auto liability	87,626,609	31,155,383
Private passenger auto physical damage	251,588,888	123,859,507
Commercial auto physical damage	24,621,553	10,249,166
Aircraft	14,551,030	7,981,934
Fidelity	4,901,003	950,177
Surety	39,211,176	20,144,619
Burglary and theft	290,644	32,548
Boiler and machinery	3,282,156	519,528
Credit	3,031,300	1,546,798
Title	81,652,631	3,461,871
All other	10,216,019	3,102,628
Surplus lines (net of reinsurance)	311,707,140	(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, 2008*, p. 6

<[http://hawaii.gov/dcca/areas/ins/main/reports/2008\\_Commissioners\\_Report.pdf](http://hawaii.gov/dcca/areas/ins/main/reports/2008_Commissioners_Report.pdf)> accessed March 4, 2009.

**Table 15.10-- INSURANCE BUSINESS TRANSACTED IN HAWAII, BY  
LOCATION OF HOME OFFICE: 2007**

[As of December 31. Money amounts in millions of dollars. For all insurance companies,  
life and property & casualty, licensed to do business in Hawaii]

Subject	All companies	Domestic com- panies 1/	Foreign com- panies 2/	Alien com- panies 3/
Number of companies	966	22	935	9
Life incl. Fraternal Benefit Societies	417	3	408	6
Other than life	549	19	527	3
Financial condition				
Assets	5,974,926.2	2,205.8	5,948,974.5	23,745.9
Liabilities exc. capital and surplus	5,238,871.8	1,394.3	5,215,536.5	21,941.0
Policyholders' surplus incl. capital	736,054.4	811.4	733,438.0	1,805.0
Capital	6,529.8	58.0	6,466.8	5.0
Net income or loss	82,194.7	99.8	82,235.2	-140.4
Hawaii business				
Direct premiums written	4,562.9	788.6	3,760.6	13.5
Life	715.5	33.3	673.8	8.4
Annuities	1,267.6	(4/)	1,267.5	(5/)
Fire, casualty, and misc.	2,579.8	755.3	1,819.4	5.1
Claims and benefits paid	3,628.1	250.6	3,367.6	9.9
Life	2,100.8	20.5	2,072.6	7.7
Annuities	492.0	1.7	489.5	0.9
Fire, casualty, and misc.	1,035.3	228.4	805.5	1.3
Investments in Hawaii	5,845.2	192.6	5,646.3	6.4
Mortgage loans (principal indebtedness)	1,255.6	96.1	1,159.5	-
Collateral loans (amount loaned)	37.6	-	31.2	6.4
State and county bonds 6/	2,284.3	6.9	2,277.5	-
Utilities stocks and bonds 6/	579.4	-	579.4	-
Industrial and miscellaneous stocks and bonds 6/	1,492.8	72.1	1,420.8	-
Real estate 7/	195.5	17.5	177.9	-
Balances in Hawaii banks	106.2	56.3	49.8	0.1

Continued on next page.

**Table 15.10-- INSURANCE BUSINESS TRANSACTED IN HAWAII, BY  
LOCATION OF HOME OFFICE: 2007 -- Con.**

- 1/ A domestic insurer is one formed under the laws of Hawaii.
- 2/ A foreign insurer is one formed under the laws of any state of the United States (including the District of Columbia and Commonwealth of Puerto Rico) other than Hawaii.
- 3/ An alien insurer is one formed under the laws of a nation other than the United States.
- 4/ 0.04.
- 5/ 0.03.
- 6/ Market value.
- 7/ Market value less encumbrances.

Source: Hawaii State Department of Commerce and Consumer Affairs, *Report of the Insurance Commissioner of Hawaii, 2008*, pp. 17-47  
<[http://hawaii.gov/dcca/areas/ins/main/reports/2008\\_Commissioners\\_Report.pdf](http://hawaii.gov/dcca/areas/ins/main/reports/2008_Commissioners_Report.pdf)> accessed March 4, 2009;  
calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 15.11-- HEALTH PLANS: 2005 TO 2008**

Subject	2005	2006	2007	2008
Hawaii Medical Service Association:				
Persons covered, Dec. 31 1/	700,493	707,097	701,078	705,247
Membership dues 2/ (\$1,000)	1,716,312	1,805,729	1,646,869	1,514,792
Kaiser Foundation Health Plan:				
Persons covered: 1/				
Annual average	227,185	225,038	221,473	222,281
Dec. 31	226,653	223,284	221,403	222,594
Membership dues 2/ (\$1,000)	593,883	596,981	601,023	616,089
University Health Alliance:				
Persons covered, Dec. 31 1/	35,972	39,767	42,896	35,295
Membership dues 2/ (\$1,000)	83,692	98,850	112,485	125,896
Commercial carrier premiums for accident and health insurance (\$1,000)	271,653	370,466	418,747	(NA)

NA Not available.

1/ Subscribers and dependents, whether on a group or individual basis.

2/ Includes both employers' and employees' contributions.

Source: Data provided by Hawaii Medical Service Association, Kaiser Foundation Health Plan, Inc. and University Health Alliance; Hawaii State Department of Commerce and Consumer Affairs, *Report of the Insurance Commissioner* (annual) <<http://www.hawaii.gov/dcca/areas/ins/main/reports/>> accessed June 25, 2009.

**Table 15.12-- PERCENT OF PERSONS NOT COVERED BY HEALTH INSURANCE, FOR THE UNITED STATES AND HAWAII: ANNUAL AND AVERAGES, 2004 TO 2007**

[People surveyed in March of the following year. Based on small samples and subject to considerable sampling variation. The Census Bureau recommends 2-year averages to evaluate changes in state estimates over time, and 3-year averages to compare the relative ranking of states]

Subject	Annual				Two-year moving average		Three-year moving average
	2004	2005	2006	2007	2004-2005	2006-2007	2005-2007
Hawaii							
Percent not covered	8.3	8.6	8.8	7.5	8.5	8.2	8.3
Standard error 1/	(NA)	0.7	0.7	0.7	0.9	0.9	0.8
Rank 2/	(X)	(X)	(X)	(X)	(X)	(X)	3/ 2
U.S.							
Percent not covered	14.9	15.3	15.8	15.3	15.1	15.5	15.4
Standard error 1/	0.2	0.1	0.1	0.1	0.1	0.1	0.1

NA Not available.

X Not applicable.

1/ Plus or minus percent. At the 90-percent confidence interval.

2/ Among 50 states, with lowest percentage ranking 1.

3/ There are five states that are not statistically different from Hawaii at the 90-percent confidence level.

Source: U.S. Census Bureau, Table HI06 "Health Insurance Coverage Status by State for All People: 2007 Not poverty universe: unrelated individuals under age 15 are included: 2007"

<[http://pubdb3.census.gov/macro/032008/health/h06\\_000.htm](http://pubdb3.census.gov/macro/032008/health/h06_000.htm)> accessed January 20, 2009; "Number and Percentage of People Without Health Insurance Coverage by State Using 2- and 3-Year Averages: 2004-2005 and 2006-2007" <[http://www.census.gov/hhes/www/hlthins/hlthin07/p60no235\\_table8.pdf](http://www.census.gov/hhes/www/hlthins/hlthin07/p60no235_table8.pdf)> accessed

January 20, 2009; and "Comparison of Uninsured Rates Between States Using 3-year Averages: 2005 to 2007" <<http://www.census.gov/hhes/www/hlthins/hlthin07/statecomp07.xls>> accessed January 20, 2009.

**Table 15.13-- FIRES, DEATHS, AND LOSSES REPORTED BY COUNTY  
FIRE DEPARTMENT: 2003 TO 2008**

[Fiscal year ending June 30]

Subject and year	State total	Honolulu	Hawaii	Kauai	Maui
Number of fires:					
2003	5,028	3,123	1,166	288	451
2004	4,746	3,064	782	273	627
2005	4,297	2,411	887	258	741
2006	5,429	3,426	897	284	822
2007	5,060	3,085	927	312	736
2008	4,148	2,625	892	308	323
Fire deaths:					
2003	3	1	1	-	1
2004	8	7	1	-	-
2005	10	10	-	-	-
2006	4	3	-	1	-
2007	6	5	1	-	-
2008	6	5	-	1	-
Fire losses (\$1,000):					
2003	17,913	10,702	3,343	1,462	2,406
2004	37,357	12,682	15,146	1,950	7,579
2005	39,436	22,032	2,847	2,012	12,545
2006	38,621	21,309	9,167	2,934	5,211
2007	32,402	15,754	8,348	2,995	5,305
2008	28,005	16,566	6,775	1,279	3,385

Source: Compiled by Hawaii State Department of Business, Economic Development & Tourism from data provided by county fire departments.

**Table 15.14-- CHARACTERISTICS OF BUSINESS ESTABLISHMENTS:  
1996 TO 2007**

[Data refer to establishments with taxable payrolls. Excludes government and self-employed workers]

Year	Number of employees 1/	Payroll (\$1,000)		Number of establishments by employment-size class 2/			
		First quarter	Annual	Total	1 to 4	5 to 9	
1996	424,116	2,666,805	10,954,149	29,967	15,785	6,257	
1997	426,129	2,707,015	11,179,954	29,991	15,842	6,221	
1998	416,571	2,736,665	11,291,978	29,603	15,466	6,235	
1999	419,047	2,756,846	11,661,968	29,569	15,520	6,111	
2000	432,092	2,982,367	12,331,233	29,853	15,658	6,063	
2001	441,856	3,136,371	12,684,140	30,175	15,802	6,133	
2002	439,934	3,237,290	13,352,194	30,633	16,181	6,245	
2003	459,010	3,422,999	14,138,996	31,061	16,243	6,294	
2004	473,500	3,552,027	15,074,629	31,605	16,503	6,431	
2005	490,682	3,784,859	16,163,137	32,244	16,848	6,504	
2006	512,543	4,225,680	17,287,011	33,118	17,119	6,681	
2007	519,060	4,501,332	18,306,259	33,388	17,177	6,835	
	<b>Number of establishments by employment-size class 2/--Con.</b>						
Year	10 to 19	20 to 49	50 to 99	100 to 249	250 to 499	500 to 999	1,000 or more
1996	3,930	2,561	856	412	99	42	25
1997	3,934	2,515	898	411	99	47	24
1998	3,952	2,498	883	404	97	45	23
1999	3,948	2,474	924	412	115	43	22
2000	4,067	2,494	953	430	121	42	25
2001	3,998	2,651	957	446	116	47	25
2002	4,014	2,632	914	455	122	46	24
2003	4,194	2,666	992	475	126	45	26
2004	4,208	2,766	1,012	479	121	58	27
2005	4,359	2,730	1,096	485	133	61	28
2006	4,555	2,884	1,121	548	126	58	26
2007	4,611	2,895	1,107	548	133	52	30

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://censtats.census.gov/cgi-bin/cbpaic/cbpsect.pl>> accessed July 30, 2009.

**Table 15.15-- CHARACTERISTICS OF BUSINESS ESTABLISHMENTS,  
BY COUNTY: 2006 AND 2007**

[Data refer to establishments with taxable payrolls. Excludes government  
and self-employed workers]

Year and county	Number of establishments 1/	Number of employees 2/	Payroll (\$1,000)	
			First quarter	Annual
2006				
State total	33,118	512,543	4,225,680	17,287,011
Hawaii	4,297	55,311	411,579	1,706,075
Honolulu	22,164	359,474	3,091,776	12,590,038
Kauai	2,019	26,447	182,159	762,502
Maui	4,584	65,263	504,163	2,067,779
Statewide 3/	54	6,048	36,003	160,617
2007				
State total	33,388	519,060	4,501,332	18,306,259
Hawaii	4,364	56,844	438,474	1,772,956
Honolulu	22,279	358,309	3,230,579	13,084,284
Kauai	2,032	26,375	195,922	811,371
Maui	4,663	65,960	555,854	2,262,238
Statewide 3/	50	11,572	80,503	375,410

1/ Data refer to establishments active anytime during the year.

2/ For week including March 12.

3/ Employers without a fixed location within a state (or of unknown county location) are included under a "statewide" classification at the end of the county tables. This incomplete detail causes only slight understatement of county employment.

Source: U.S. Census Bureau, *County Business Patterns*

<<http://www.census.gov/econ/cbp/index.html>> accessed July 30, 2009; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 15.16-- CHARACTERISTICS OF BUSINESS ESTABLISHMENTS,  
BY MAJOR GROUP: 2007**

[Data refer to establishments with taxable payrolls. Excludes government and self-employed workers. Statistics based on the 2002 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	33,388	519,060	18,306,259
11	Forestry, fishing & hunting and agricultural support services	43	316	6,460
21	Mining	9	161	10,211
22	Utilities	56	3,038	218,979
23	Construction	3,005	34,235	1,960,189
31-33	Manufacturing 3/	971	14,776	518,718
311	Food manufacturing	261	5,804	159,277
315	Apparel manufacturing	77	819	17,033
323	Printing and related support activities	124	1,378	45,255
42	Wholesale trade	1,886	21,180	870,430
44-45	Retail trade 3/	5,051	70,949	1,782,334
441	Motor vehicle and parts dealers	340	7,347	330,151
445	Food and beverage stores	730	13,290	291,328
448	Clothing & clothing accessories stores	1,319	12,186	235,078
452	General merchandise stores	112	12,921	324,041
48-49	Transportation and warehousing 3/	902	31,124	1,114,185
481	Air transportation	67	8,030	303,747
487	Scenic and sightseeing transportation	189	8,301	228,989
51	Information	617	10,175	523,397
52	Finance and insurance	1,674	20,608	1,114,147
53	Real estate and rental and leasing	2,073	15,976	642,843
54	Professional, scientific & technical services	3,373	24,612	1,309,473
55	Management of companies & enterprises	226	6,485	429,485
56	Administrative and support and waste management and remediation services	1,841	45,846	1,247,685
61	Educational services	547	18,186	564,348
62	Health care and social assistance 3/	3,484	65,171	2,778,478
621	Ambulatory health care services	2,710	24,997	1,247,054
71	Arts, entertainment and recreation	516	11,582	243,269
72	Accommodation and food services	3,532	98,790	2,301,521
721	Accommodation	314	38,771	1,349,745
722	Food services and drinking places	3,218	60,019	951,776
81	Other services (except public admin.)	3,543	25,821	669,281
99	Unclassified establishments	39	29	826

Continued on next page.

**Table 15.16-- CHARACTERISTICS OF BUSINESS ESTABLISHMENTS,  
BY MAJOR GROUP: 2007 -- Con.**

1/ Data refer to establishments active anytime during the year.

2/ For week including March 12.

3/ Includes other subgroups not shown separately.

Source: U.S. Census Bureau, *2007 County Business Patterns*

<<http://censtats.census.gov/cgi-bin/cbpnaic/cbpsect.pl>> accessed July 30, 2009.

**Table 15.17-- CHARACTERISTICS OF BUSINESS ESTABLISHMENTS,  
BY EMPLOYMENT-SIZE CLASS: 2005 AND 2006**

[Data refer to establishments with taxable payrolls. Excludes government  
and self-employed workers]

Employment-size class	Number of establishments 1/		Number of employees 2/		Annual payroll (\$1,000)	
	2005	2006	2005	2006	2005	2006
Total	32,244	33,118	490,682	512,543	16,163,137	17,287,011
1 to 4	16,848	17,119	29,702	30,468	1,210,102	1,246,765
5 to 9	6,504	6,681	43,123	44,306	1,335,276	1,412,052
10 to 19	4,359	4,555	58,947	61,141	1,807,779	1,913,377
20 to 49	2,730	2,884	82,987	87,266	2,563,377	2,822,906
50 to 99	1,096	1,121	75,045	78,160	2,345,810	2,515,934
100 to 249	485	548	70,661	81,018	2,208,051	2,592,924
250 to 499	133	126	44,915	44,465	1,655,015	1,606,104
500 to 999	61	58	41,674	41,290	1,522,334	1,576,989
1,000 or more	3/ 28	4/ 26	43,628	44,429	1,515,393	1,599,960

1/ Data refer to establishments active anytime during the year.

2/ For week including March 12.

3/ 17 establishments had 1,000-1,499 employees; 9 establishments had 1,500-2,499 employees; and 2 establishments had 2,500-4,999 employees.

4/ 15 establishments had 1,000-1,499 employees; 8 establishments had 1,500-2,499 employees; and 3 establishments had 2,500-4,999 employees.

Source: U.S. Census Bureau, *County Business Patterns 2005 Hawaii*,

<[http://factfinder.census.gov/servlet/IBQTable?\\_bm=y&-ds\\_name=CB0500A2&-geo\\_id=04000US15&-search\\_results=01000US&-\\_lang=en](http://factfinder.census.gov/servlet/IBQTable?_bm=y&-ds_name=CB0500A2&-geo_id=04000US15&-search_results=01000US&-_lang=en)> accessed June 19, 2007 and *County Business Patterns 2006 Hawaii*, <[http://factfinder.census.gov/servlet/IBQTable?\\_bm=y&-\\_industry=00&-NAICS2002sector=15138839&-ib\\_type=NAICS2002&-\\_lang=en&-geo\\_id=04000US15&-NAICS2002=00&-search\\_results=01000US&-ds\\_name=CB0600A2](http://factfinder.census.gov/servlet/IBQTable?_bm=y&-_industry=00&-NAICS2002sector=15138839&-ib_type=NAICS2002&-_lang=en&-geo_id=04000US15&-NAICS2002=00&-search_results=01000US&-ds_name=CB0600A2)> accessed July 10, 2008.

**Table 15.18-- ECONOMIC DEVELOPMENT INDEXES: 2002 TO 2007**

[The *Development Report Card for the States* grades all states in three indexes that measure different aspects of economic health. Each index is composed of two or more subindexes, also graded that provide a more detailed understanding of a state's economy. Grades are based on state ranking within each index and subindex. Changes to the measures and the sources have occurred over time. Timeliness of each measure also varies depending on how it is collected so there may be time lags]

Index	2002	2003	2004	2006 1/		2007	
	Grade			Grade	Rank	Grade	Rank
Economic performance	D	D	B	C	23	A	6
Employment	D	C	C	C	22	B	12
Earnings and job quality	D	D	C	C	27	B	19
Equity 2/	D	D	D	C	24	A	2
Quality of life	D	D	C	D	42	D	41
Resource efficiency 3/	A	A	A	A	4	A	6
Business vitality	D	F	F	4/ D	4/ 44	D	44
Competitiveness of existing businesses	C	D	D	D	4/ 39	D	42
Structural diversity 5/	C	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Entrepreneurial energy 6/	D	F	D	D	4/ 43	D	36
Development capacity	D	F	F	F	48	D	45
Human resources	D	C	C	C	31	C	30
Financial resources	D	F	D	F	48	D	41
Infrastructure resources	D	D	F	F	49	D	42
Amenity resources and natural capital	C	C	C	D	37	D	37
Innovation assets 7/	C	C	C	C	35	C	28

NA Not available.

1/ Previously shown as 2005. No 2005 report (which contained data for 2004) was available.

2/ Includes poverty rate; income distribution, income distribution change, and disparity between urban and rural areas.

3/ Includes per capita energy consumption, use of alternative energy (prior to 2007 called renewable energy), toxic release inventory, vehicle miles traveled, rate of recycled waste (prior to 2007 called recycling rate) and greenhouse gas emissions.

4/ Revised from previous *Data Book*.

5/ The subindex structural diversity was eliminated from the index business vitality after 2002.

6/ Includes new companies, change in new companies, job creation by start-up businesses (prior to 2006 called job growth due to new business), technology industry employment and initial public offerings.

7/ Includes Ph.D. scientists and engineers, graduate students in science and engineering, broadband access (which was added in 2007), households with computers (which was deleted in 2007), academic R & D (prior to 2006 called university R & D), federal R & D, private R & D, small business innovation research (SBIR) grants, royalties and licenses, patents issued, and business created via university R & D (prior to 2006 called university spin-outs).

Source: Corporation for Enterprise Development, *Development Report Card for the States* (annual) <<http://cfed.org/focus.m?parentid=34&siteid=2346&id=2346>> accessed January 19, 2007.

**Table 15.19-- CHARACTERISTICS OF BUSINESS AND PROFESSIONAL FIRMS, BY COUNTY: 2008**

<b>Characteristic</b>	<b>State total 1/</b>	<b>Honolulu</b>	<b>Maui</b>	<b>Kauai</b>	<b>Hawaii</b>
All businesses	50,473	35,752	5,759	2,666	6,296
Business type, total 2/	33,101	23,209	3,525	1,763	4,607
Corporation	26,436	18,800	2,925	1,387	3,327
Partnership	711	508	112	26	65
Proprietorship	5,954	3,901	488	350	1,215
Employees, total 3/	11,046	8,319	1,211	502	1,016
1 to 4	4,042	2,957	517	187	381
5 to 9	2,477	1,840	264	120	253
10 to 19	1,783	1,348	187	78	171
20 to 49	1,435	1,121	130	63	121
50 to 99	550	451	48	22	29
100 to 199	348	278	27	14	29
200 to 299	110	87	10	6	7
300 to 499	136	100	15	7	14
500 to 999	84	62	9	5	8
1,000 to 9,999	81	75	4	-	3
Annual sales volume, total 2/	8,285	6,303	884	355	744
Under \$500,000	4,132	3,078	440	181	433
\$500,000 to \$1,000,000	1,263	939	136	69	119
\$1 to \$5 million	1,625	1,276	179	66	104
\$5 to \$10 million	391	312	49	7	23
\$10 to \$25 million	316	252	31	8	25
Over \$25 million	558	446	49	24	40
Year established, total 3/	18,865	14,375	1,883	786	1,823
1820 to 1849	29	17	4	3	6
1850 to 1899	175	119	18	13	25
1900 to 1949	1,210	875	110	61	164
1950 to 1959	933	759	65	36	73
1960 to 1969	1,960	1,566	160	74	161
1970 to 1979	4,668	3,497	546	177	448
1980 to 1989	5,917	4,402	586	292	637
1990 to 1999	3,293	2,545	366	113	269
2000 and later	680	595	28	17	40

1/ Subcategory figures may not sum to the total.

2/ Selected professionals are not included. Distributions exclude non-responding firms and those for which item (typically sales volume) was not applicable. Subcategory figures may not sum to the total.

3/ Distributions exclude non-responding firms and those for which item (typically sales volume) was not applicable. Subcategory figures may not sum to the total.

Source: HBD Inc., *Hawaii Business Directory 2008* (2008), pages ix, xii and xiii; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 15.20-- REGISTERED CORPORATIONS AND PARTNERSHIPS:  
2005 TO 2008**

[Fiscal year ending June 30 unless otherwise specified. Excludes nonprofit corporations]

Subject	2005	2006	2007	2008
Domestic (Hawaii) corporations				
Formed	3,038	2,882	2,516	2,595
Dissolved or merged 1/	4,422	4,751	2/ 2,886	2,824
On record, June 30 3/	37,184	35,368	2/ 35,072	34,890
Foreign (non-Hawaii) corporations				
Qualified	1,453	1,245	1,362	1,356
Withdrawn, merged, or cancelled 1/	1,057	994	2/ 813	859
On record, June 30 3/	9,789	10,041	2/ 10,587	11,090
Partnerships				
Registered	618	678	571	573
Dissolved or cancelled 1/	1,080	1,077	2/ 650	695
On record, June 30 3/	6,118	5,705	2/ 5,621	5,487
Domestic (Hawaii) Limited Liability Companies				
Formed	6,269	6,761	7,155	7,634
Dissolved or merged 1/	1,602	2,381	2/ 2,330	2,831
On record, June 30 3/	21,881	26,282	2/ 31,145	35,952
Foreign (non-Hawaii) Limited Liability Companies				
Qualified	774	877	930	900
Withdrawn or merged 1/	204	269	2/ 253	365
On record, June 30 3/	2,621	3,232	2/ 3,911	4,459
Domestic (Hawaii) Limited Liability Partnerships				
Formed	61	74	94	70
Dissolved or merged 1/	32	38	2/ 39	28
On record, June 30 3/	233	268	2/ 323	365
Foreign (non-Hawaii) Limited Liability Partnerships				
Qualified	16	8	7	7
Withdrawn or cancelled 1/	3	3	2/ 3	5
On record, June 30 3/	41	46	2/ 50	52

1/ Annual fluctuations may partly reflect the sporadic purging of defunct firms from the registration files.

2/ Revised from previous *Data Book*.

3/ Number on record may be inconsistent with data on components of change or conversion from another type of entity, reflecting inaccuracy in manual tabulation. A discrepancy does occur when a domestic corporation converts to a limited liability company because the statistic is reflected for the domestic corporation and included in the dissolved or merged statistic, but it is not reflected in the limited liability company's formed statistic. Domestic entities that are reinstated after being involuntarily dissolved, cancelled or terminated are also not reflected in the formed statistics.

Source: Hawaii State Department of Commerce and Consumer Affairs, Business Registration Div., records.

**Table 15.21-- CHARACTERISTICS OF CORPORATIONS, PARTNERSHIPS,  
AND PROPRIETORSHIPS: 2002**

[Includes all active private-for-profit businesses in Hawaii except insurance underwriters who pay the insurance premium tax. Inactive businesses, defined as those with no income no income and no expenses other than those to maintain licenses and to file tax returns, were not included]

<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 15.22-- ESTABLISHMENT AND EMPLOYMENT CHANGES  
FROM ENTERPRISE BIRTHS, DEATHS, EXPANSIONS AND  
CONTRACTIONS, BY EMPLOYMENT SIZE: 2005 TO 2006**

[An enterprise is a business organization consisting of one or more domestic establishments that were specified under common ownership or control. Based on 2002 NAICS]

Subject	Employment size of the enterprise 1/							
	Total	Less than 500 employees						500+
		Total < 500	1-4	5-9	10-19	20-99	100-499	
Establishments 2/								
Number (initial year) 3/	29,244	24,845	11,806	4,887	3,131	3,371	1,650	4,399
Numerical change	913	744	322	117	33	128	144	169
Percent change	3.1	3.0	2.7	2.4	1.1	3.8	8.7	3.8
Births 4/	3,347	2,877	1,908	368	159	262	180	470
Percent change due to births	11.4	11.6	16.2	7.5	5.1	7.8	10.9	10.7
Deaths 5/	2,434	2,133	1,586	251	126	134	36	301
Percent change due to deaths	-8.3	-8.6	-13.4	-5.1	-4.0	-4.0	-2.2	-6.8
Expansions	8,401	6,869	2,421	1,457	1,098	1,284	609	1,532
Contractions	7,433	6,158	1,421	1,687	1,268	1,277	505	1,275
Employment 6/								
Number (initial year) 3/	490,641	273,534	24,832	31,576	39,485	96,894	80,747	217,107
Numerical change	20,970	14,689	4,744	1,842	1,374	2,606	4,123	6,281
Percent change	4.3	5.4	19.1	5.8	3.5	2.7	5.1	2.9
Change due to births	28,141	18,010	(D)	(D)	(D)	5,700	(D)	10,131
Percent change due to births	5.7	6.6	(D)	(D)	(D)	5.9	(D)	4.7
Change due to deaths	-19,582	-11,081	-2,628	(D)	(D)	-3,770	(D)	-8,501
Percent change due to deaths	-4.0	-4.1	-10.6	(D)	(D)	-3.9	(D)	-3.9
Change due to expansions	48,546	30,929	(D)	(D)	4,637	9,408	(D)	17,617
Change due to contractions	-36,135	-23,169	(D)	(D)	-3,894	-8,732	(D)	-12,966
Percent change due to expansions & births	15.6	17.9	(D)	(D)	(D)	15.6	(D)	12.8
Percent change due to contractions & deaths	-11.4	-12.5	(D)	(D)	(D)	-12.9	(D)	-9.9

Continued on next page.

**Table 15.22-- ESTABLISHMENT AND EMPLOYMENT CHANGES  
FROM ENTERPRISE BIRTHS, DEATHS, EXPANSIONS AND  
CONTRACTIONS, BY EMPLOYMENT SIZE: 2005 TO 2006 -- Con.**

D Withheld to avoid disclosing data for individual companies.

1/ For establishment deaths and continuing establishments, the enterprise size is determined by the employment of the controlling enterprise in the initial year. The enterprise size is determined by the employment of the controlling enterprise in the subsequent year for single-unit establishment births. For multiunit establishment births, the enterprise size is determined by the employment of the controlling enterprise in the initial year and by the employment of the controlling enterprise in the subsequent year if the enterprise does not exist in the initial year. Enterprise size designations are determined by the summed employment of all associated establishments.

2/ A single physical location where business is conducted or where services or industrial operations are performed.

3/ The designation for which state in the U.S. the data refers to is determined by the initial year data for establishment deaths and continuing establishments and by the subsequent year data for establishment births. For the purposes of the dynamic tabulations, an establishment is considered in existence in a given year if it has first quarter employment for that year.

4/ Establishments that have zero employment in the first quarter of the initial year and positive employment in the first quarter of the subsequent year.

5/ Establishments that have positive employment in the first quarter of the initial year and zero employment in the first quarter of the subsequent year.

6/ Full or part-time employees, including salaried officers and executives of corporations, who were on the payroll in the pay period including March 12. Included are employees on sick leave, holidays, and vacations; not included are proprietors and partners of unincorporated businesses.

Source: U.S. Census Bureau, 1989-2005 Business Information Tracking System  
<<http://www.census.gov/econ/subb/>> accessed July 17, 2009 and "Statistics of U.S. Businesses  
Explanation of Terms" <<http://www.census.gov/econ/subb/definitions.html>> accessed July 17, 2009.

**Table 15.23-- TOP INDUSTRIES FOR THE STATE OF HAWAII: 2002**

[Industries in which Hawaii was ranked number one among the 50 states and D.C. based on sales or receipt per capita. Includes only establishments with payroll. A few industries may not be shown where substantial data for other states has been withheld]

<b>NAICS code</b>	<b>Description</b>	<b>Total sales or receipts (\$1,000)</b>	<b>Sales or receipts per capita</b>
72111	Hotels (except casino hotels) and motels	3,212,231	2,604.69
448	Clothing and clothing accessories stores	1,506,061	1,221.21
7221	Full-service restaurants	1,185,561	961.33
4481	Clothing stores	945,447	766.63
7222	Limited-service eating places	869,160	704.77
722211	Limited-service restaurants	751,321	609.22
532	Rental and leasing services	705,671	572.20
5312	Offices of real estate agents and brokers	555,125	450.13
44814	Family clothing stores	520,967	422.43
5321	Automotive equipment rental and leasing	498,597	404.30
53211	Passenger car rental and leasing	478,241	387.79
4483	Jewelry, luggage, and leather goods stores	429,014	347.87
5313	Activities related to real estate	413,859	335.58
5615	Travel arrangement and reservation services	410,616	332.95
4532	Office supplies, stationery, and gift stores	348,898	282.91
44831	Jewelry stores	344,350	279.22
53131	Real estate property managers	328,014	265.98
44512	Convenience stores	299,309	242.70
531312	Nonresidential property managers	194,327	157.57
71391	Golf courses and country clubs	154,772	125.50
5322	Consumer goods rental	148,956	120.78
56152	Tour operators	128,995	104.60
44815	Clothing accessories stores	119,345	96.77
51213	Motion picture and video exhibition	96,148	77.96
44819	Other clothing stores	90,496	73.38
44832	Luggage and leather goods stores	84,664	68.65
4879	Scenic and sightseeing transportation, other	61,863	50.16
53222	Formal wear and costume rental	45,484	36.88
446191	Food (health) supplement stores	42,347	34.34
62133	Offices of mental health practitioners (exc. physicians)	42,227	34.24
311811	Retail bakeries	29,016	23.53
71213	Zoos and botanical gardens	27,701	22.46
532292	Recreational goods rental	27,333	22.16

Continued on next page.

**Table 15.23-- TOP INDUSTRIES FOR THE STATE OF HAWAII: 2002 -- Con.**

<b>NAICS code</b>	<b>Description</b>	<b>Total sales or receipts (\$1,000)</b>	<b>Sales or receipts per capita</b>
81222	Cemeteries and crematories	22,360	18.13
61162	Sports and recreation instruction	22,010	17.85
561613	Armored car services	19,981	16.20
315211	Men's and boys' cut and sew apparel contractors	12,092	9.80

Source: U.S. Census Bureau, 2002 Economic Census, Geographic Area Series and Subject Series reports "Industries in Which Hawaii Ranks First in Terms of Sales or Receipts Per Capita" <<http://www.census.gov/econ/census02/data/tops/TOPSTHL.HTM>> accessed June 26, 2008.

**Table 15.24-- TOP INDUSTRIES, BY COUNTY: 2008**

[Data averaged for 3rd quarter of 2007 through 2nd quarter of 2008. 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]

Rank	NAICS code	County and industry	Average quarterly employment	Average quarterly new hire employment	Average monthly earnings (\$)	New hire earnings (\$)
		State	504,664	37,431	3,306	2,173
1	722	Food services and drinking places	56,259	5,941	1,636	1,209
2	561	Administrative and support services	42,692	4,270	2,509	1,897
3	721	Accommodation	39,515	1,890	3,232	2,782
4	541	Professional, scientific, and technical services	24,348	1,630	5,232	3,735
5	621	Ambulatory health care services	22,895	1,509	4,391	2,655
6	238	Specialty trade contractors	20,895	1,816	4,563	3,432
7	622	Hospitals	14,605	523	4,708	3,649
8	624	Social assistance	13,431	1,109	1,923	1,479
9	611	Educational services	13,407	905	2,962	1,502
10	452	General merchandise stores	13,070	1,009	2,204	1,589
		Hawaii County	55,282	4,280	2,956	2,041
1	721	Accommodation	6,568	331	2,934	2,317
2	722	Food services and drinking places	5,488	649	1,574	1,239
3	561	Administrative and support services	3,037	362	2,364	1,809
4	238	Specialty trade contractors	2,724	225	3,927	2,833
5	621	Ambulatory health care services	2,610	184	3,785	2,364
6	445	Food and beverage stores	2,355	194	2,242	1,263
7	236	Construction of buildings	2,269	210	5,096	3,880
8	452	General merchandise stores	2,226	167	2,239	1,584
9	624	Social assistance	2,115	176	1,750	1,334
10	111	Crop production	1,861	123	2,024	1,639
		City & County of Honolulu	361,025	26,224	3,401	2,190
1	722	Food services and drinking places	39,836	4,059	1,595	1,161
2	561	Administrative and support services	32,098	3,174	2,480	1,891
3	541	Professional, scientific, & technical services	20,763	1,393	5,424	3,864
4	621	Ambulatory health care services	17,403	1,170	4,399	2,620
5	721	Accommodation	17,028	624	3,155	2,539
6	238	Specialty trade contractors	14,788	1,285	4,784	3,583
7	622	Hospitals	13,468	472	4,711	3,515
8	611	Educational services	11,240	759	2,987	1,481
9	624	Social assistance	9,301	762	1,954	1,491
10	813	Religious, grantmaking, civic, profess., and similar organizations	9,168	654	2,490	1,686

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**Table 15.24-- TOP INDUSTRIES, BY COUNTY: 2008 -- Con.**

Rank	NAICS code	County and industry	Average quarterly employment	Average quarterly new hire employment	Average monthly earnings (\$)	New hire earnings (\$)
		Kauai County	24,805	1,844	2,948	2,064
1	721	Accommodation	4,444	244	3,314	2,745
2	722	Food services and drinking places	3,135	342	1,534	1,129
3	561	Administrative and support services	2,756	226	2,901	1,916
4	238	Specialty trade contractors	815	75	3,610	2,877
5	713	Amusement, gambling, and recreation industries	814	57	1,952	1,538
6	236	Construction of buildings	764	76	4,562	4,167
7	452	General merchandise stores	719	41	2,091	1,545
8	621	Ambulatory health care services	708	36	5,149	3,078
9	541	Professional, scientific, and technical services	703	44	3,884	2,924
10	445	Food and beverage stores	660	49	1,894	986
		Maui County	63,551	5,082	3,199	2,239
1	721	Accommodation	11,475	692	3,496	3,235
2	722	Food services and drinking places	7,801	890	1,945	1,432
3	561	Administrative and support services	4,801	509	2,579	1,969
4	238	Specialty trade contractors	2,569	232	4,233	3,319
5	621	Ambulatory health care services	2,175	120	4,802	3,312
6	111	Crop production	2,013	91	3,837	2,534
7	448	Clothing and clothing accessories stores	1,751	199	2,134	1,421
8	236	Construction of buildings	1,614	151	4,658	3,854
9	445	Food and beverage stores	1,603	134	2,104	1,365
10	813	Religious, grantmaking, civic, professional, and similar organizations	1,504	113	2,495	1,898

Source: U.S. Census Bureau, Local Employment Dynamics, Industry Focus  
 <[http://lehd.did.census.gov/cgi-bin/broker?\\_SERVICE=industry\\_focus&\\_PROGRAM=pgm.top\\_report.sas&\\_table=no&\\_skin=0&\\_from=pgm.top\\_report.sas&\\_top=10&\\_rankings=1+&\\_1=ON&\\_5=ON&\\_7=ON&\\_8=ON&\\_agegroup=A00+&\\_sex=0+&\\_state=hi+&\\_entity=state&\\_geog=009+&\\_level=naics3&\\_Ind2=off](http://lehd.did.census.gov/cgi-bin/broker?_SERVICE=industry_focus&_PROGRAM=pgm.top_report.sas&_table=no&_skin=0&_from=pgm.top_report.sas&_top=10&_rankings=1+&_1=ON&_5=ON&_7=ON&_8=ON&_agegroup=A00+&_sex=0+&_state=hi+&_entity=state&_geog=009+&_level=naics3&_Ind2=off)>  
 accessed June 24, 2009.

**Table 15.25-- LARGEST PUBLIC AND PRIVATE COMPANIES: 2008**

[Ranking based on sales in 2007. Data may include sales and employment on the Mainland or abroad]

Rank in sales	Company	Year founded	Sales (million dollars)	Employees
1	BancWest Corp.	1/ 1858/1974	4,432.0	12,026
2	Hawaiian Electric Industries Inc.	1/ 1891/1983	2,536.4	3,519
3	Hawaii Medical Service Assn. (HMSA)	1938	2,203.0	1,733
4	Alexander & Baldwin Inc.	1/ 1870/1900	1,680.0	2,255
5	Kamehameha Schools	1884	1,409.0	1,922
6	University of Hawaii System	1907	1,287.0	8,323
7	Hawaiian Airlines Inc.	1929	982.6	3,415
8	Starwood Hotels and Resorts Hawaii	1998	970.0	2,700
9	Kaiser Permanente Hawaii	1958	864.2	4,403
10	Bank of Hawaii Corp.	1897	842.4	2,594

1/ The first year is the founding date of the original company and the second year is when it became a holding company, was sold, or legally changed its name or year of incorporation.

Source: *Hawaii Business*, "Hawaii Business Top 250 The State's Largest Companies" (August 2008), pp. 58-59.

**Table 15.26-- NET INCOME OR LOSS AND TOTAL REVENUES OF  
SELECTED COMPANIES: 2006 AND 2007**

[Based on 2007 ranking of net income for reporting companies]

Company	Net income or loss (\$1,000)		Sales (million dollars)	
	2006	2007	2006	2007
Largest net incomes 1/				
BancWest Corp.	639,300	489,700	4,235.0	4,432.0
Bank of Hawaii Corp.	180,359	183,703	788.8	842.4
Alexander & Baldwin Inc.	2/ 122,000	142,000	1,610.0	1,680.0
Hawaiian Electric Industries Inc.	108,001	84,779	2,460.9	2,536.4
First Insurance Co. of Hawaii Ltd.	25,054	27,429	209.3	206.2
Island Insurance Co. Ltd.	29,000	23,106	137.2	138.8
Largest net losses				
University Health Alliance	2,625	-1,606	98.8	112.5
Hawaii Medical Service Assn. (HMSA)	18,579	-22,588	2,169.0	2,203.0

1/ For the largest net incomes, companies that had a net annual income of \$20 million or more in 2007.

2/ Revised from previous *Data Book*.

Source: *Hawaii Business*, "Hawaii Business Top 250 The State's Largest Companies" (August 2008), p. 110.

**Table 15.27-- NONEMPLOYER STATISTICS, FOR HAWAII  
AND THE UNITED STATES: 1997 TO 2007**

[Data refer to businesses that have no paid employees and are subject to federal income tax. From 1997 to 2001, data were tabulated based on the 1997 North American Industry Classification System (NAICS). Starting in 2002, data were tabulated based on the 2002 NAICS codes]

Year	Hawaii		United States	
	Number of firms 1/	Receipts 2/ (\$1,000)	Number of firms 1/	Receipts 2/ (\$1,000)
1997	70,203	2,350,383	15,439,609	586,315,756
1998	71,039	2,560,133	15,708,727	643,720,460
1999	72,610	2,664,258	16,152,604	667,219,733
2000	73,810	2,835,688	16,529,955	709,378,836
2001	74,969	2,901,845	16,979,498	729,922,063
2002	76,398	3,055,384	17,646,062	770,032,328
2003	80,718	3,407,971	18,649,114	829,819,228
2004	84,331	3,694,870	19,523,741	887,001,820
2005	87,717	4,026,320	20,392,068	951,206,297
2006	90,353	4,194,469	20,768,555	970,384,137
2007	96,263	4,475,373	21,708,021	991,791,563

1/ Data refer to each distinct business income tax return filed by a nonemployer business.

2/ Includes gross receipts, sales, commissions and income received from trades and businesses, as reported on annual business income tax returns. Business income consists of all payments received for services rendered by nonemployer businesses, such as payments received as independent agents and contractors.

Source: U.S. Census Bureau, 1997 Economic Census *Nonemployer Statistics*, *Nonemployer Statistics* for 1998 through 2001 (annual), 2002 Economic Census, *Nonemployer Statistics* <<http://www.census.gov/prod/www/abs/nonemp.html>> accessed September 30, 2005, *Nonemployer Statistics* (annual) <<http://www.census.gov/econ/nonemployer/index.html>> accessed July 9, 2009.

**Table 15.28-- CHARACTERISTICS OF NONEMPLOYER  
BUSINESSES, BY MAJOR GROUP: 2007**

[Data refer to businesses that have no paid employees and are subject to federal income tax.  
Statistics based on the 2002 North American Industry Classification System (NAICS)]

2002 NAICS code	Major group 1/	Number of firms 2/	Receipts 3/ (\$1,000)
	Total	96,263	4,475,373
11	Agriculture, forestry, fishing & hunting	1,700	61,440
21	Mining, quarrying, and oil and gas extraction	20	1,375
22	Utilities	68	2,726
23	Construction	8,009	619,967
236	Construction of buildings	2,424	228,752
238	Specialty trade contractors	5,465	379,043
31-33	Manufacturing	2,075	94,936
311	Food manufacturing	219	10,502
315	Apparel manufacturing	413	9,493
321	Wood product manufacturing	196	8,273
42	Wholesale trade	2,595	180,480
44-45	Retail trade	9,523	450,183
445	Food and beverage stores	537	57,595
448	Clothing and clothing accessories stores	1,000	77,754
451	Sporting goods, hobby, book, and music stores	593	25,594
454	Nonstore retailers 4/	4,411	98,794
48-49	Transportation and warehousing	2,707	108,449
485	Transit and ground passenger transportation	1,697	48,100
51	Information	1,234	52,002
52	Finance and insurance	3,148	205,205
524	Insurance carriers and related activities	1,654	94,924
53	Real estate and rental and leasing	11,885	872,174
531	Real estate	11,426	836,277
54	Professional, scientific and technical services	14,084	591,319
56	Administrative and support and waste management and remediation services	7,777	208,635
61	Educational services	2,206	36,391
62	Health care and social assistance	6,970	306,174
621	Ambulatory health care services	4,340	233,383
71	Arts, entertainment and recreation	6,497	166,109
711	Performing arts, spectator sports, and related industries	5,627	115,781
72	Accommodation and food services	1,494	89,711
81	Other services (except public administration)	14,271	428,097
812	Personal and laundry services	9,639	255,054

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**Table 15.28-- CHARACTERISTICS OF NONEMPLOYER  
BUSINESSES, BY MAJOR GROUP: 2007 -- Con.**

1/ Major groups include other subgroups not shown separately in this table.

2/ Data refer to each distinct business income tax return filed by a nonemployer business.

3/ Includes gross receipts, sales, commissions and income received from trades and businesses, as reported on annual business income tax returns. Business income consists of all payments received for services rendered by nonemployer businesses, such as payments received as independent agents and contractors.

4/ Includes mail-order houses, vending machine operators, home delivery sales, door-to-door sales, party plan sales, electronic shopping, and sales through portable stalls (e.g., include street vendors, except food).

Source: U.S. Census Bureau, *Nonemployer Statistics: 2007*

<<http://www.census.gov/epcd/nonemployer/2007/hi/HI000.HTM>> accessed July 9, 2009.

**Table 15.29-- SELECTED MINORITY-OWNED BUSINESS ENTERPRISES: 2002**

[Fifty-one percent or more of the stock or equity in the business must be held by minorities to be included as a minority-owned business. Details may not total because a Hispanic or Latino firm may be of any race. Moreover, each owner had the option of selecting more than one race and therefore is included in each race selected]

Characteristics	All firms (whether or not owned by minorities)	Firms owned by selected minorities 1/		
		Asian- owned	Native Hawaiian- and Other Pacific Islander-owned	Hispanic- owned 2/
All firms:				
Number	99,224	44,969	8,359	3,095
Sales and receipts (\$1,000)	66,500,138	12,587,869	1,436,233	482,647
Firms with paid employees:				
Number	23,517	10,329	1,002	482
Sales and receipts (\$1,000)	63,454,894	11,251,449	1,256,938	415,895
Employees	425,043	92,218	9,935	3,655
Annual payroll (\$1,000)	12,502,639	2,417,758	251,142	98,092

1/ Race was based on self-identification and each owner could select more than one racial group. Owners selecting white race alone (Caucasians), although only 24.3 percent of general population of Hawaii in 2000, were treated as a non-minority group for census purposes.

2/ Persons of Hispanic origin may be members of any race.

Source: U.S. Census Bureau, 2002 Economic Census, Survey of Business Owners, Company Statistics Series, *Asian-Owned Firms: 2002*, SB02-00CS-ASIAN (May 2006), table 2 and 14; *Native Hawaiian and Other Pacific Islander-Owned Firms: 2002*, SB02-00CS-NHPI (June 2006), table 2; *Hispanic-Owned Firms: 2002*, table 2 <<http://www.census.gov/csd/sbo/>> accessed June 30, 2006.

**Table 15.30-- ASIAN-OWNED BUSINESSES FOR  
HAWAII AND THE UNITED STATES: 2002**

[Details may not add to total because each owner had the option of selecting more than one race and therefore is included in each race selected]

Characteristics	All firms		Firms with paid employees			
	Number	Sales and receipts (\$1,000)	Number	Sales and receipts (\$1,000)	Employees	Annual payroll (\$1,000)
Hawaii	44,969	12,587,869	10,329	11,251,449	92,218	2,417,758
Asian Indian	542	234,634	(1/)	(1/)	(1/)	(1/)
Chinese	10,911	2,941,293	2,554	2,525,494	23,231	570,854
Filipino	9,145	639,656	830	473,247	4,975	138,284
Japanese	19,850	7,405,836	5,456	6,822,212	49,635	1,471,227
Korean	3,660	1,022,522	944	900,248	6,273	146,389
Vietnamese	1,942	193,887	313	148,992	1,630	20,786
Other Asian	708	111,357	(1/)	(1/)	(1/)	(1/)
United States	1,104,189	326,352,983	319,295	290,805,663	2,212,813	55,991,382
Asian Indian	231,179	89,022,573	83,522	80,786,633	615,549	17,655,262
Chinese	290,197	106,269,540	90,179	96,771,671	656,565	15,472,533
Filipino	128,223	14,614,862	20,149	11,306,707	133,933	3,642,822
Japanese	86,863	30,622,830	22,166	27,854,820	205,423	5,780,834
Korean	158,031	46,947,937	57,078	41,279,844	320,522	6,699,091
Vietnamese	147,081	15,651,008	25,636	11,671,482	127,785	2,816,459
Other Asian	71,439	20,315,711	21,443	18,353,035	138,634	3,239,646

1/ Estimates are suppressed when publication standards are not met, such as, the firm count is less than 3, or the relative standard error of the sales and receipts is 50 percent or more.

Source: U.S. Census Bureau, *2002 Economic Census, Survey of Business Owners, Company Statistics Series, Asian-Owned Firms: 2002*, SB02-00CS-ASIAN (May 2006), table 3  
<<http://www.census.gov/prod/ec02/sb0200csasian.pdf>> accessed June 9, 2006.

**Table 15.31-- NATIVE HAWAIIAN- AND OTHER PACIFIC ISLANDER-OWNED BUSINESSES FOR HAWAII AND THE UNITED STATES: 2002**

Characteristics	All firms		Firms with paid employees			
	Number	Sales and receipts (\$1,000)	Number	Sales and receipts (\$1,000)	Employees	Annual payroll (\$1,000)
Hawaii						
Total Native Hawaiian- and Other Pacific Islander	8,359	1,436,233	1,002	1,256,938	9,935	251,142
Native Hawaiian	7,580	1,363,827	889	1,200,861	9,063	232,491
Samoaan	226	23,565	31	21,283	431	8,147
Guamanian or Chamorro	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)
Other Pacific Islander	410	45,266	(1/)	(1/)	(1/)	(1/)
United States						
Total Native Hawaiian- and Other Pacific Islander	28,948	4,279,591	3,693	3,502,157	29,319	826,217
Native Hawaiian	16,776	2,844,232	2,180	2,458,465	19,891	582,098
Samoaan	2,204	299,149	318	249,214	1,963	52,638
Guamanian or Chamorro	3,797	676,473	(1/)	(1/)	(1/)	(1/)
Other Pacific Islander	6,324	410,316	730	281,993	3,678	71,115

1/ Estimates are suppressed when publication standards are not met, such as, the firm count is less than 3, or the relative standard error of the sales and receipts is 50 percent or more.

Source: U.S. Census Bureau, 2002 Economic Census, Survey of Business Owners, Company Statistics Series, *Native Hawaiian- and Other Pacific Islander-Owned Firms: 2002*, SB02-00CS-NHPI (June 2006), table 3 <<http://www.census.gov/prod/ec02/sb0200csnhpi.pdf>> accessed June 28, 2006.

**Table 15.32-- WOMEN-OWNED BUSINESSES FOR  
HAWAII AND THE UNITED STATES: 2002**

[Male/female ownership of a business was based on the gender of the person(s) owning the majority interest in the business. Businesses equally male-/female-owned were tabulated and published as a separate entity]

Subject	Total 1/	Women- owned firms 2/	Percent women- owned
Hawaii			
All firms:			
Number	99,224	29,897	30.1
Sales and receipts (\$1,000)	66,500,138	4,562,205	6.9
Firms with paid employees:			
Number	23,517	4,544	19.3
Sales and receipts (\$1,000)	63,454,894	3,913,035	6.2
Employees	425,043	38,569	9.1
Annual payroll (\$1,000)	12,502,639	810,868	6.5
United States			
All firms:			
Number	22,974,685	6,489,483	28.2
Sales and receipts (\$1,000)	22,627,167,224	940,774,986	4.2
Firms with paid employees:			
Number	5,524,813	916,768	16.6
Sales and receipts (\$1,000)	21,859,757,616	804,097,284	3.7
Employees	110,786,416	7,146,229	6.5
Annual payroll (\$1,000)	3,813,488,135	173,709,355	4.6

1/ Based on the 2002 Economic Census. All firms whether or not they are owned by women.

2/ Based on the 2002 Survey of Business Owners.

Source: U.S. Census Bureau, *2002 Economic Census, Survey of Business Owners, Company Statistics Series, Women-Owned Firms: 2002*, SB02-00CS-WMN (January 2006), table 12

<<http://www.census.gov/prod/ec02/sb0200cswmn.pdf>> accessed June 9, 2006; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 15.33-- BUSINESS INQUIRIES AND COMPLAINTS THROUGH THE BETTER BUSINESS BUREAU, BY TYPE OF INDUSTRY: 2008**

Type of industry	Number of inquiries	Type of industry 1/	Number of complaints	Average settlement dollar value per consumer complaint
Wedding consultants	7,480	Auto dealers - new cars 2/	102	7,121.78
Travel agencies & bureaus	5,297	Airlines	87	784.38
Roofing contractors	3,722	Telephone companies	60	286.09
Work-at-home companies	2,817	Restaurants	45	422.93
Plumbing contractors	2,679	Cellular telephone service	39	520.35
Pest control services	2,674	Jewelers - retail	35	3,202.57
Contractors - general	2,621	Hotels	33	1,288.40
Mortgage brokers	2,596	Banks	30	1,022.91
Real estate brokers	2,499	Real estate management	30	3,952.30
Constructr. & remodel. services	2,117	Toys-retail	27	103.30
Auto dealers - new cars	1,860	Photographers - portrait	27	231.57
Movers	1,724	Auto dealers - used cars	25	4,969.24
Auto body repair & painting	1,670	General merchandise - retail	25	16,871.15
Vacation rentals	1,565	Vacation rentals	22	2,116.41
Electric contractors	1,507	Real estate brokers	21	5,338.44
Real estate management	1,502	Towing - automotive	21	620.83
Painting contractors	1,475	Travel agencies & bureaus	21	3,075.61
Hotels	1,466	Furniture - retail	20	544.85
Sightseeing tours	1,453	Movers	20	5,928.18
Building contractors	1,423	Dentists	17	653.14
Tours - operators & promoters	1,378	Internet services	17	195.37
Charity - local	1,375	Auto renting & leasing	16	1,177.44
Jewelers - retail	1,334	Mason contractors	15	14,185.83
Real estate services	1,325	Plumbing contractors	15	1,293.20
Insurance services	1,274	Beauty salons	15	1,661.74

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: 2009*, 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): 2006
<a href="#">16.02</a>	Information (NAICS 51), by Kind of Business or Operation: 2002
<a href="#">16.03</a>	Information (NAICS 51), for County and Selected Urban Place: 2002
<a href="#">16.04</a>	Number of Post Offices and Stations, by Island: September 30, 2008
<a href="#">16.05</a>	Postal Service: 1997 to 2008
<a href="#">16.06</a>	Telephone Statistical Summary: 1984 to 2007
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<a href="#">16.13</a>	Postage Rates and Newspaper Prices, for Honolulu: 1990 to 2009
<a href="#">16.14</a>	Books and Scholarly Journals Published by the University of Hawaii Press: 1991 to 2008

**Table 16.01-- INFORMATION ESTABLISHMENTS (NAICS 51): 2006**

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

NAICS code	Industry	No. of establishments	No. of paid employees for pay period including March 12	Annual payroll (\$1,000)
51	Information	637	10,487	493,933
511	Publishing industries (except internet)	111	2,282	111,255
5111	Newspaper, periodical, book, directory publishers	96	(1/)	(2/)
5112	Software publishers	15	(3/)	(2/)
512	Motion picture & sound recording industries	123	(1/)	(2/)
5121	Motion picture & video industries	104	(1/)	(2/)
5122	Sound recording industries	19	(3/)	(2/)
515	Broadcasting (except internet)	47	1,095	46,959
5151	Radio & television broadcasting	46	(1/)	(2/)
5152	Cable & other subscription programming	1	(4/)	(2/)
516	Internet publishing & broadcasting	15	(3/)	(2/)
517	Telecommunications	244	4,347	250,032
5171	Wired telecommunications carriers	154	2,516	144,147
5172	Wireless telecommunications carriers (except satellite)	65	(5/)	(2/)
5173	Telecommunications resellers	8	(3/)	(2/)
5174	Satellite telecommunications	9	91	5,799
5175	Cable & other program distribution	6	(5/)	(2/)
5179	Other telecommunications	2	(4/)	(2/)
518	Internet service providers, web search portals, and data processing services	88	(1/)	(2/)
5181	Internet service providers and web search portals	15	(3/)	(2/)
5182	Data processing, hosting, & related services	73	(1/)	(2/)
519	Other information services	9	(3/)	(2/)

1/ Employment-size class, 1,000 to 2,499 employees.

2/ The payroll isn't shown separately.

3/ Employment-size class, 20 to 99 employees.

4/ Employment-size class, 0 to 19 employees.

5/ Employment-size class, 500 to 999 employees.

Source: U.S. Census Bureau, 2006 County Business Patterns <<http://censtats.census.gov/cgi-bin/cbpnaic/cbpdetl.pl>> accessed December 2, 2008.

**Table 16.02 -- INFORMATION (NAICS 51), BY KIND OF BUSINESS OR OPERATION: 2002**

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

NAICS code	Kind of business or operation	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	Paid employees, pay period including March 12 (number)
51	Information	594	(NA)	581,426	11,665
511	Publishing industries (except Internet)	96	308,764	135,651	3,016
5111	Newspaper, periodical, book, and directory publishers	88	299,866	132,978	2,981
5112	Software publishers	8	8,898	2,673	35
512	Motion picture and sound recording industries	126	(NA)	18,805	1,316
5121	Motion picture and video industries	109	(NA)	16,331	1,262
5122	Sound recording industries	17	(NA)	2,474	54
515	Broadcasting (except Internet)	44	92,137	38,956	1,162
5151	Radio and television broadcasting	42	(D)	(D)	(1/)
5152	Cable and other subscription programming	2	(D)	(D)	(2/)
516	Internet publishing and broadcasting	14	10,455	3,664	82
5161	Internet publishing and broadcasting	14	10,455	3,664	82
517	Telecommunications	214	(NA)	336,354	4,849
5171	Wired telecommunications carriers	107	(3/)	246,785	2,915
5172	Wireless telecommunications carriers (except satellite)	74	(3/)	46,317	1,017
5173	Telecommunications resellers	11	10,494	2,384	84
5174	Satellite telecommunications	6	(D)	(D)	(4/)
5175	Cable and other program distribution	13	(3/)	(D)	(5/)
5179	Other telecommunications	3	(D)	(D)	(4/)
518	Internet service providers, web search portals, and data processing services	93	73,016	46,210	1,182
5181	Internet service providers and web search portals	20	15,925	3,610	128
5182	Data processing, hosting, and related services	73	57,091	42,600	1,054

Continued on next page.

**Table 16.02 -- INFORMATION (NAICS 51), BY KIND OF BUSINESS OR OPERATION: 2002 -- Con.**

<b>NAICS code</b>	<b>Kind of business or operation</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>
	Information (con.)				
519	Other information services	7	4,270	1,786	58
5191	Other information services	7	4,270	1,786	58

NA Not available.

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

1/ 1,000 to 2,499 employees.

2/ 0 to 19 employees.

3/ Receipts not collected at this level of detail for multiestablishment firms.

4/ 20 to 99 employees.

5/ 500 to 999 employees.

Source: U.S. Census Bureau, *2002 Economic Census, Information, Geographic Area Series, Hawaii*, EC02-51A-HI (March 2005), table 1.

**Table 16.03 -- INFORMATION (NAICS 51), FOR COUNTY AND SELECTED URBAN PLACE: 2002**

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

<b>Geographic area</b>	<b>Establishments (number)</b>	<b>Receipts (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Paid employees for pay period including March 12 (number)</b>
State total	594	(NA)	581,426	11,665
Hawaii County	65	(NA)	25,646	712
Hilo	28	(NA)	12,752	375
Kailua	18	(NA)	10,767	256
Honolulu County	421	(NA)	503,316	9,523
Aiea	6	(NA)	1,360	84
Honolulu	305	(NA)	438,226	7,842
Kailua	16	(NA)	2,275	127
Kaneohe	12	(NA)	2,071	85
Mililani Town	7	(NA)	1,411	114
Pearl City	5	(NA)	2,174	82
Pupukea	3	(NA)	97	3
Wahiawa	4	(NA)	2,572	55
Waimalu	9	(NA)	3,470	148
Kauai County	27	(NA)	27,670	730
Lihue	10	(NA)	5,927	163
Maui County	81	(NA)	24,794	700
Kahului	21	(NA)	13,123	354
Kihei	14	(NA)	1,344	50
Lahaina	12	(NA)	3,114	81
Wailuku	8	(NA)	2,907	72

NA Not available.

Source: U.S. Census Bureau, *2002 Economic Census, Information, Geographic Area Series, Hawaii*, EC02-51A-HI (March 2005), tables 1, 3, and 4.

**Table 16.04-- NUMBER OF POST OFFICES AND STATIONS, BY ISLAND:  
SEPTEMBER 30, 2008**

Island	Total	Cost Ascertainment Group (CAG) 1/				Stations	
		A-G 2/	H-J 3/	K 4/	L 5/	Classified 6/	Contract 7/
State total	118	38	28	5	1	23	23
Hawaii	32	9	14	2	-	2	5
Maui	11	9	1	-	-	1	-
Lanai	1	-	1	-	-	-	-
Molokai	5	1	2	1	1	-	-
Oahu	51	13	4	-	-	18	16
Kauai	18	6	6	2	-	2	2
Niihau 8/	-	-	-	-	-	-	-

1/ Changes in CAG assignments are made at the beginning of the fiscal year. They are determined by the gross revenue from the prior fiscal year as follows: Gross revenue is divided by a revenue unit factor. The revenue unit factor represents the average revenue from mail and special services, including fees, per one thousand pieces of originating mail and special services transactions. CAGs range from A to L.

2/ Formerly called First-class offices.

3/ Formerly called Second-class offices.

4/ Formerly called Third-class offices.

5/ Formerly called Fourth-class offices.

6/ Staffed by career postal employees.

7/ Operated under a contractual agreement between the Postal Service and an individual contractor.

8/ Niihau is served by the Makaweli Post Office on Kauai.

Source: U.S. Postal Service, Honolulu District, records.

**Table 16.05-- POSTAL SERVICE: 1997 TO 2008**

[Fiscal year ending September 30]

<b>Year</b>	<b>Post offices, September 30</b>	<b>Stations, September 30 1/</b>	<b>Gross postal receipts (\$1,000)</b>	<b>Pieces of mail 2/ (millions)</b>
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

1/ Includes both classified and contract stations (see preceding table).

2/ Originating in Hawaii.

Source: U.S. Postal Service, Honolulu District, records.

**Table 16.06-- TELEPHONE STATISTICAL SUMMARY: 1984 TO 2007**

Subject	Number or percent
Telecommunications revenues (million dollars):	
1995	775
1996	841
1997	930
1998	969
1999	1,009
2000	1,177
2001	1,207
2002	1,200
2003	1,212
2004	1,196
2005	1,229
Telephone penetration: 1/	
1984	93.5
1997	94.5
1998	95.4
1999	96.3
2000	94.7
July 2001 2/	96.9
November 2002 2/	96.9
2003	97.3
2004	95.4
2005	94.8
2006	95.5
Mobile wireless telephone subscribers:	
Dec. 1999	288,425
June 2000	454,364
Dec. 2000	524,291
June 2001	543,283
Dec. 2001	595,721
June 2002	640,247
Dec. 2002	689,857
June 2003	732,262
Dec. 2003	771,023
June 2004	819,262
Dec. 2004	880,965
June 2005	3/ 934,405
Dec. 2005	3/ 983,227
June 2006	3/ 1,010,341
Dec. 2006	1,034,788
June 2007	1,066,608

1/ Annual average percentage of households with telephone service.

2/ Percentage of households with telephone service (not annual average).

3/ Revised from previous *Data Book*.

Source: Federal Communications Commission, *Trends in Telephone Service*, various issues. See <[http://hraunfoss.fcc.gov/edocs\\_public/attachmatch/DOC-284932A1.pdf](http://hraunfoss.fcc.gov/edocs_public/attachmatch/DOC-284932A1.pdf)> accessed April 30, 2009.

**Table 16.07-- PERCENT OF HOUSEHOLDS WITH A TELEPHONE,  
COMPUTER, AND INTERNET USE: 1997 TO 2003 AND 2007**

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

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 and U.S. Census Bureau, *Statistical Abstract of the United States: 2004-2005* (p. 732) and 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.

**Table 16.08-- CABLE TELEVISION SYSTEMS, SUBSCRIBERS,  
AND REVENUES, BY COUNTY: 2000 TO 2008**

[As of December 31]

Category and year	State	County			
		Hawaii	Maui	Honolulu	Kauai
Number of systems					
2000	9	3	3	1	2
2001	9	3	3	1	2
2002	9	3	3	1	2
2003	1/ 6	2	2	1	1
2004	1/ 6	2	2	1	1
2005	1/ 6	2	2	1	1
2006	1/ 6	2	2	1	1
2007	1/ 6	2	2	1	1
2008	1/ 6	2	2	1	1
Subscribers					
2000	363,801	34,974	47,695	262,681	18,451
2001	368,424	36,436	48,442	264,871	18,675
2002	377,652	37,741	49,202	269,681	21,028
2003	383,342	37,921	49,918	274,416	21,087
2004	389,498	38,991	50,814	278,336	21,357
2005	394,184	38,955	51,626	282,225	21,378
2006	407,299	46,274	52,937	284,038	24,050
2007	411,957	47,959	54,637	285,811	23,550
2008	414,019	48,413	54,569	287,429	23,608
Basic service revenue (\$1,000)					
2000	112,831	13,717	14,409	78,158	6,547
2001	123,083	14,482	15,761	85,830	7,010
2002	130,675	15,016	16,809	91,301	7,549
2003	137,325	15,821	18,012	95,401	8,091
2004	145,527	16,722	18,903	101,318	8,582
2005	153,095	17,883	19,861	106,248	9,102
2006	161,329	19,181	20,997	111,308	9,842
2007	168,551	20,478	22,066	115,633	10,373
2008	181,359	21,764	23,381	125,251	10,963

1/ Although 6 systems, only 1 cable operator (Oceanic Time Warner Cable of Hawaii).

Source: Hawaii State Department of Commerce and Consumer Affairs, Cable Television Division, records.

**Table 16.09-- RADIO AND TELEVISION BROADCASTING STATIONS IN OPERATION, 1925 TO 2009, AND BY COUNTY, 2009**

Date and county	Commercial			Public or educational		
	AM	FM	TV 1/	AM	FM	TV 1/
1925: January 1	2	-	-	-	-	-
1930: January 1	1	-	-	-	-	-
1935: January 1	2	-	-	-	-	-
1940: January 1	3	-	-	-	-	-
1945: January 1	4	-	-	-	-	-
1950: June 7	12	-	-	-	-	-
1955: January 1	13	1	3	-	1	-
1960: January 1	17	1	7	-	2	-
1965: January 1	23	2	10	-	-	-
1970: January 1	25	4	10	-	1	2
1975: January 1	26	5	10	-	1	2
1980: January 1	25	10	10	-	1	2
1985: June 30	26	17	13	-	2	2
1990: June 30	28	21	19	-	3	2
1995: June 30	29	33	20	1	3	2
2000	28	40	23	1	7	2
2001	28	40	23	1	7	2
2002	31	45	23	1	8	2
2005: June 14	32	46	25	-	9	2
2006: June 20	31	45	25	-	10	2
2007: June 19	31	47	25	-	11	2
2008: June 16	31	53	25	-	11	2
2009: June 2	32	56	13	-	11	1
COUNTY: 2009						
Hawaii	7	17	4	-	3	-
Maui	4	13	-	-	1	-
Honolulu	19	19	9	-	4	1
Kauai	2	7	-	-	3	-

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 2005-09), <<http://www.fcc.gov/mb/>> accessed June 2, 2009.

**Table 16.10-- NUMBER OF DAILY NEWSPAPERS, BY PLACE OF PUBLICATION AND LANGUAGE: 1975 TO 1999**

[The earliest daily newspaper in Hawaii, *The Daily Hawaiian Herald*, first appeared September 4, 1866 and was discontinued December 21, 1866. Permanent dailies were initially published in 1882. Five-year statistics from 1885 to 1975 appear in *Historical Statistics of Hawaii* (1977), table 18.5]

Subject	1975	1980	1985	1990	1995	1999
Totals	7	6	9	9	10	11
Language:						
Chinese	2	1	1	1	1	1
English	3	3	6	6	6	6
Hawaiian	-	-	-	-	-	-
Japanese 1/	2	2	1	1	1	1
Korean	-	-	1	1	2	3
Place of publication:						
Honolulu, Oahu	6	5	5	5	6	7
Hilo, Hawaii	1	1	1	1	1	1
Kailua-Kona, Hawaii	-	-	1	1	1	1
Lihue, Kauai	-	-	1	1	1	1
Wailuku, Maui	-	-	1	1	1	1

1/ Includes English section.

Source: Aloha United Way, *Hawaii Media Guide* for 1977-1985; *Hawaii All-Media Publicity Guide*, 1987, 1991, 1996 and 1997; Helen G. Chapin, *Guide to Newspapers of Hawai'i 1834-2000* (Hawaiian Historical Society, 2000).

**Table 16.11-- NUMBER OF NEWSPAPERS, TOTAL AND DAILY: 1834 TO 2000**

Year	Total	Daily	Year	Total	Daily
1834 1/	2	-	1920	56	11
1835	1	-	1925	52	7
1840	2	-	1930	61	6
1845	5	-	1935	62	8
1850	4	-	1940	70	7
1855	5	-	1945	82	8
1860	9	-	1950	91	7
1865	5	-	1955	100	7
1870	11	-	1960	102	7
1875	7	-	1965	102	7
1880	10	-	1970	132	7
1885	20	4	1975	140	7
1890	20	5	1980	152	6
1895	35	7	1985	140	9
1900	43	8	1990	149	9
1905	50	11	1995	152	10
1910	54	7	2000	135	10
1915	48	8			

1/ The two earliest newspapers in Hawaii were both established in 1834.

Source: Robert C. Schmitt, *Historical Statistics of Hawaii* (The University Press of Hawaii, 1977), table 18.5; Helen G. Chapin, *Guide to Newspapers of Hawai'i 1834-2000* (Hawaiian Historical Society, 2000), pp. 127-226.

**Table 16.12-- AVERAGE PAID CIRCULATION OF DAILY AND SUNDAY ENGLISH-LANGUAGE NEWSPAPERS: 2004-2005 TO 2007-2008**

[Averages for 12-month periods ended in March. Foreign-language daily newspapers, not included in this table, are the *Hawaii Hochi*, Japanese and English; *The Joong-Ang Daily News*, Korea Times/*Han Kook Ilbo* and *Korea Central Daily*, Korean; and *United Chinese Press*, Chinese]

Newspaper	2004-2005	2005-2006	2006-2007	2007-2008
Daily				
<i>The Honolulu Advertiser</i> 1/	143,271	143,740	142,651	140,040
<i>Honolulu Star-Bulletin</i> 2/	64,041	65,167	64,073	63,689
<i>Hawaii Tribune-Herald</i> (Hilo) 3/	(NA)	(NA)	(NA)	(NA)
<i>West Hawaii Today</i> (Kailua-Kona) 3/	(NA)	(NA)	(NA)	(NA)
<i>Maui News</i> (Wailuku) 4/	(NA)	(NA)	(NA)	(NA)
<i>Garden Island</i> (Lihue) 5/	8,879	(NA)	(NA)	(NA)
Sunday morning				
<i>The Honolulu Advertiser</i>	162,388	158,304	156,003	150,414
<i>Honolulu Star Bulletin</i>	61,688	62,443	60,158	60,160
<i>Hawaii Tribune-Herald</i> (Hilo)	(NA)	(NA)	(NA)	(NA)
<i>West Hawaii Today</i> (Kailua-Kona)	(NA)	(NA)	(NA)	(NA)
<i>Maui News</i> (Wailuku)	(NA)	(NA)	(NA)	(NA)
<i>Garden Island</i> (Lihue)	9,250	(NA)	(NA)	(NA)

NA Not available.

1/ Morning and afternoon, Monday through Saturday. The afternoon edition began on March 15, 2001.

2/ Afternoon, Monday through Saturday. New owner Oahu Publications began to publish on March 15, 2001. Morning, midday, and final editions, different areas, Monday through Saturday. The Sunday edition began on April 1, 2001.

3/ Morning, Monday through Sunday effective June 4, 2004.

4/ Afternoon, Monday through Friday. The *Maui News* became a morning paper on July 24, 2000. The Saturday edition began on March 10, 2001.

5/ Afternoon, Monday through Friday. As of September 2000, a Saturday morning edition. As of October 2001, morning, Monday through Saturday.

Source: Data provided by newspaper publishers to Hawaii State Department of Business, Economic Development & Tourism.

**Table 16.13-- POSTAGE RATES AND NEWSPAPER PRICES, FOR HONOLULU:  
1990 TO 2009**

[In cents. As of July 1]

Year	Domestic first-class postage rates			Newspaper price 1/		
	Letters		Postal and post cards	Daily	Sunday	
	First ounce	Each added ounce			<i>The Honolulu Advertiser</i>	<i>Honolulu Star-Bulletin</i>
1990	25	20	15	35	125	(X)
1991	29	23	19	35	125	(X)
1992	29	23	19	35	150	(X)
1993	29	23	19	50	150	(X)
1994	29	23	19	50	150	(X)
1995	32	23	20	50	150	(X)
1996	32	23	20	50	175	(X)
1997	32	23	20	50	175	(X)
1998	32	23	20	50	175	(X)
1999	33	22	20	50	175	(X)
2000	33	22	20	50	175	(X)
2001	34	23	21	50	175	(X)
2002	37	23	23	50	175	75
2003	37	23	23	50	175	75
2004	37	23	23	50	175	75
2005	37	23	23	50	175	75
2006	39	24	24	50	175	75
2007	41	2/ 17	26	50	175	75
2008	42	2/ 17	27	50	175	75
2009	44	3/ 17	28	(4/)	200	100

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/ 75 cents for *The Honolulu Advertiser*, 50 cents for *The Honolulu Star-Bulletin*.

Source: Postal rates from U.S. Census Bureau, *Statistical Abstract of the United States: 2002*, table 1094, and U.S. Postal Service, *Rates and Fees*, see also <<http://www.usps.com/prices/first-class-mail-prices.htm>>. Newspaper rates from *The Honolulu Advertiser* and Oahu Publications and Hawaii State Department of Business, Economic Development & Tourism survey.

**Table 16.14-- BOOKS AND SCHOLARLY JOURNALS PUBLISHED BY THE  
UNIVERSITY OF HAWAII PRESS: 1991 TO 2008**

Year	Published titles 1/		New books and journals published 2/		Volumes sold 2/	Book sales revenues 2/ (dollars)
	Cumulative total 3/	In print	Books	Scholarly journals		
1991	1,024	705	53	12	365,790	2,721,480
1992	1,072	717	48	12	350,274	2,611,388
1993	1,123	738	51	12	354,063	2,859,494
1994	1,183	772	60	13	378,807	2,960,051
1995	1,257	790	74	13	385,673	3,014,268
1996	1,323	823	54	12	374,168	2,896,316
1997	1,402	833	65	12	322,378	3,182,690
1998	1,486	818	84	12	290,199	3,042,984
1999	1,572	897	83	12	272,407	3,365,336
2000	1,650	930	82	12	320,509	3,340,336
2001	1,748	1,003	84	12	316,978	3,583,534
2002	1,854	1,063	93	13	299,272	3,632,013
2003	1,948	1,113	83	14	310,407	3,221,852
2004	2,052	1,169	88	14	307,481	3,769,678
2005	2,143	1,209	78	13	282,093	3,595,126
2006	2,233	1,294	78	14	321,672	4,002,717
2007	2,323	1,289	80	14	283,047	3,719,467
2008	2,401	1,396	73	14	257,537	3,735,513

1/ As of June 30. Excludes journals.

2/ Year ending June 30.

3/ Includes books and other media, but not journals.

Source: The University of Hawaii Press, *Annual Report* and records.

## Section 17

# ENERGY AND SCIENCE

This section presents statistics on fuel resources, energy production and consumption, the electric and gas utility industries, research and development, and scientific, engineering, and technological resources. Related series are cited in Sections 12 (utility employment), 14 (prices), and 18 (gasoline consumption).

Information on energy and science can be obtained from reports and records of the U.S. Department of Energy; U.S. Patent and Trademark Office; U.S. Bureau of Labor Statistics; National Science Foundation; Hawaii State Department of Taxation; Hawaii State Department of Commerce and Consumer Affairs; Hawaii State Department of Business, Economic Development & Tourism, Strategic Industries Division; University of Hawaii, Institute of Astronomy; and individual utility companies. *Historical Statistics of Hawaii*, Section 19, presents data for earlier years. Data for the nation as a whole can be found in the *Statistical Abstract of the United States: 2009*, Sections 16 and 19.

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

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

Narrative

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**Table 17.01-- CONSUMPTION OF ENERGY, BY SOURCE  
(PHYSICAL UNITS): 1960 TO 2006**

<b>Year</b>	<b>Coal 1/ (1,000 short tons)</b>	<b>Natural gas 2/ (billion cubic feet)</b>	<b>Petroleum (1,000 barrels)</b>	<b>Hydroelectric power 3/ (million kWh)</b>
1960	-	-	16,844	27
1961	-	-	20,074	24
1962	-	-	19,015	20
1963	-	-	19,931	23
1964	-	-	21,257	115
1965	-	-	22,478	105
1966	-	-	25,113	112
1967	-	-	28,252	108
1968	-	-	31,456	94
1969	-	-	33,007	100
1970	-	-	34,105	108
1971	-	-	36,734	89
1972	-	-	37,753	91
1973	-	-	38,826	95
1974	-	-	36,739	92
1975	-	-	37,097	89
1976	-	-	38,047	93
1977	-	-	40,326	86
1978	-	-	40,945	84
1979	-	-	44,660	90
1980	-	3	43,562	86
1981	-	3	38,811	80
1982	47	3	35,706	90
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	39,824	115
1998	822	3	40,484	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 2006-- Con.**

<b>Year</b>	<b>Coal 1/ (1,000 short tons)</b>	<b>Natural gas 2/ (billion cubic feet)</b>	<b>Petroleum (1,000 barrels)</b>	<b>Hydroelectric power 3/ (million kWh)</b>
2001	829	3	41,479	101
2002	748	3	45,068	95
2003	837	3	46,963	91
2004	857	3	49,029	94
2005	805	3	4/ 51267	96
2006	797	3	51,579	120

1/ The continuity of these data series estimates may be affected by changing data sources and estimation methodologies.

2/ Includes supplemental gaseous fuels.

3/ Conventional hydroelectric power. Includes pumped-storage hydroelectricity, which cannot be separately identified, from 1960 through 1989.

4/ Revised from previous *Data Book*.

Source: U.S. Department of Energy, Energy Information Administration, State Energy Data System (SEDS) Table 7. Energy Consumption Estimates by Source, Selected Years, 1960-2006, Hawaii  
<[http://www.eia.doe.gov/emeu/states/hf.jsp?incfile=sep\\_use/total/use\\_tot\\_hi.html&mstate=HAWAII](http://www.eia.doe.gov/emeu/states/hf.jsp?incfile=sep_use/total/use_tot_hi.html&mstate=HAWAII)>  
accessed June 24, 2009.

**Table 17.02-- CONSUMPTION OF ENERGY, BY SOURCE: 1960 TO 2006**

[Trillion Btu]

Year	Total	Coal 1/	Natural gas 2/	Petroleum	Hydro-electric power 3/	Biomass 1/ 4/	Other 1/ 5/
1960	94.9	-	-	94.6	0.3	-	-
1961	113.8	-	-	113.5	0.3	-	-
1962	108.3	-	-	108.1	0.2	-	-
1963	114.3	-	-	113.9	0.2	0.2	-
1964	123.5	-	-	122.1	1.2	0.2	-
1965	130.6	-	-	129.3	1.1	0.2	-
1966	145.5	-	-	144.2	1.2	0.1	-
1967	163.9	-	-	162.5	1.1	0.3	-
1968	182.8	-	-	181.1	1.0	0.7	-
1969	190.9	-	-	189.1	1.0	0.7	-
1970	197.0	-	-	195.4	1.1	0.4	-
1971	211.7	-	-	210.4	0.9	0.3	-
1972	218.1	-	-	216.6	0.9	0.6	-
1973	224.3	-	-	222.8	1.0	0.5	-
1974	212.1	-	-	210.6	1.0	0.6	-
1975	214.4	-	-	212.9	0.9	0.6	-
1976	220.0	-	-	218.4	1.0	0.7	-
1977	233.3	-	-	231.9	0.9	0.5	-
1978	236.9	-	-	235.7	0.9	0.3	-
1979	256.6	-	-	255.3	0.9	0.3	-
1980	6/ 262.4	-	6/ -	249.6	0.9	11.9	-
1981	236.7	-	-	223.2	0.8	12.7	-
1982	218.3	1.1	-	203.7	0.9	12.4	-
1983	221.3	1.0	-	205.4	0.9	14.0	-
1984	232.6	0.9	-	216.1	0.9	14.3	0.4
1985	6/ 248.7	1.1	6/ -	232.1	0.9	14.2	0.4
1986	245.5	0.4	-	227.6	0.8	16.3	0.4
1987	249.6	1.6	0.2	228.9	0.9	17.8	0.3
1988	289.8	1.2	-	268.0	0.8	19.4	0.3
1989	309.9	0.8	-	280.1	0.6	27.0	1.5
1990	6/ 321.4	0.7	6/ -	292.7	0.8	25.9	1.2
1991	6/ 295.1	1.1	6/ -	266.5	0.7	25.4	1.4
1992	6/ 306.0	6.8	6/ -	272.4	0.6	24.9	1.3
1993	6/ 284.7	15.6	6/ -	239.7	0.6	24.4	4.5
1994	6/ 301.4	15.7	6/ -	258.3	1.4	20.7	5.2
1995	6/ 299.6	19.9	6/ -	252.6	1.0	19.8	6.3
1996	6/ 285.9	20.4	6/ -	238.9	1.1	19.1	6.6
1997	6/ 276.2	20.5	6/ -	230.5	1.2	17.4	6.6
1998	6/ 275.9	18.2	6/ -	233.4	1.2	16.5	6.5
1999	6/ 271.7	17.7	6/ -	229.9	1.2	17.0	6.0
2000	6/ 276.2	17.7	6/ 0.1	235.2	1.1	15.2	7.1

Continued on next page.

**Table 17.02-- CONSUMPTION OF ENERGY, BY SOURCE: 1960 TO 2006-- Con.**

[Trillion Btu]

Year	Total	Coal 1/	Natural gas 2/	Petro-leum	Hydro-electric power 3/	Biomass 1/ 4/	Other 1/ 5/
2001	6/ 272.4	17.8	6/ 0.1	239.8	1.0	6/ 8.0	5.7
2002	6/ 287.3	16.6	6/ 0.1	259.2	1.0	6/ 7.5	2.9
2003	6/ 304.9	19.3	6/ 0.1	270.1	0.9	6/ 9.3	5.2
2004	6/ 318.3	19.3	6/ 0.2	282.6	0.9	6/ 9.3	6.0
2005	6/ 328.8	18.0	6/ 0.2	295.2	1.0	6/ 8.2	6.3
2006	6/ 332.2	18.0	6/ 0.2	297.2	1.2	6/ 8.5	7.0

1/ The continuity of these data series estimates may be affected by changing data sources and estimation methodologies.

2/ Excludes supplemental gaseous fuels.

3/ Conventional hydroelectric power. Includes pumped-storage hydroelectricity, which cannot be separately identified, from 1960 through 1989.

4/ Wood and waste. Prior to 2001, includes non-biomass waste.

5/ Geothermal, wind, photovoltaic, solar thermal energy and net imports of electricity.

6/ Revised from previous *Data Book*.

Source: U.S. Department of Energy, Energy Information Administration, State Energy Data System (SEDS) Table 7. Energy Consumption Estimates by Source, Selected Years, 1960-2006, Hawaii  
[http://www.eia.doe.gov/emeu/states/hf.jsp?incfile=sep\\_use/total/use\\_tot\\_hi.html&mstate=HAWAII](http://www.eia.doe.gov/emeu/states/hf.jsp?incfile=sep_use/total/use_tot_hi.html&mstate=HAWAII)  
 accessed June 24, 2009.

**Table 17.03-- CONSUMPTION OF ENERGY BY END-USE SECTOR:  
1960 TO 2006**

[Trillion Btu]

Year	Residential	Commercial 1/	Industrial	Transportation	Electric power 2/
1960	7.3	5.2	20.6	61.8	17.6
1961	7.5	5.4	26.8	74.0	19.4
1962	8.0	5.5	28.7	66.1	21.4
1963	8.9	6.0	29.9	69.5	24.2
1964	9.6	6.6	32.4	74.8	26.7
1965	10.1	6.8	34.7	79.0	27.6
1966	10.8	7.4	35.8	91.5	29.7
1967	12.1	8.0	38.7	105.1	31.3
1968	13.1	8.8	38.9	122.0	35.0
1969	14.9	9.8	41.0	125.1	38.7
1970	16.4	11.6	43.7	125.3	43.2
1971	17.8	11.4	43.6	138.8	47.7
1972	19.6	12.7	49.3	136.5	54.1
1973	20.0	13.5	50.0	140.9	55.6
1974	20.3	13.3	49.9	128.7	57.5
1975	19.6	13.8	50.4	130.5	58.8
1976	21.3	15.3	51.8	131.7	62.5
1977	21.8	16.8	53.4	141.3	65.2
1978	21.8	17.4	53.1	144.6	66.8
1979	22.9	18.1	59.2	156.4	67.7
1980	3/ 21.9	3/ 19.1	74.7	146.7	69.7
1981	21.7	17.2	73.7	124.1	69.9
1982	20.3	16.0	79.7	102.2	66.9
1983	21.0	16.2	66.3	117.9	68.6
1984	20.0	18.2	65.1	129.3	70.6
1985	3/ 20.2	3/ 18.2	67.4	4/ 142.9	70.0
1986	20.7	20.8	77.0	127.1	72.9
1987	22.2	23.5	79.7	124.1	76.6
1988	23.3	36.7	88.9	140.9	81.9
1989	3/ 25.7	3/ 35.8	93.9	154.5	86.6
1990	3/5/ 31.0	3/5/ 36.9	5/ 98.9	154.5	5/ 105.9
1991	3/ 26.4	3/ 28.5	89.0	151.2	88.7
1992	3/ 30.5	3/ 37.7	93.7	144.1	99.3
1993	3/ 30.2	3/ 31.0	93.1	130.4	101.1
1994	3/ 31.3	3/ 35.4	94.7	140.0	104.3
1995	3/ 32.2	3/ 35.2	94.1	138.2	108.0
1996	3/ 33.0	3/ 34.6	96.7	121.6	110.0
1997	3/ 33.3	3/ 35.9	3/ 89.8	117.2	110.0
1998	3/ 34.2	3/ 45.5	3/ 81.7	114.6	108.2
1999	3/ 33.7	3/ 36.0	3/ 78.9	123.1	108.9
2000	3/ 34.7	3/ 37.2	3/ 79.1	125.2	111.3

Continued on next page.

**Table 17.03-- CONSUMPTION OF ENERGY BY END-USE SECTOR:  
1960 TO 2006-- Con.**

[Trillion Btu]

<b>Year</b>	<b>Residential</b>	<b>Commercial 1/</b>	<b>Industrial</b>	<b>Transportation</b>	<b>Electric power 2/</b>
2001	3/ 33.8	3/ 36.3	3/ 70.3	132.0	3/ 107.5
2002	3/ 35.7	3/ 38.6	3/ 71.1	141.8	3/ 111.7
2003	3/ 35.0	3/ 39.5	3/ 66.8	163.6	3/ 111.0
2004	3/ 36.0	3/ 43.5	3/ 67.0	171.7	3/ 113.1
2005	3/ 36.6	3/ 41.8	3/ 71.1	179.4	3/ 112.2
2006	36.9	42.5	71.1	181.6	113.0

1/ Small amounts of solar thermal and photovoltaic energy consumed in the commercial sector cannot be separately identified and are included in residential consumption.

2/ Replaces Electric Utilities of previous years.

3/ Revised from previous *Data Book*.

4/ There is a discontinuity between 1980 and 1981 due to the expanded coverage of renewable energy sources beginning in 1981.

5/ There is a discontinuity between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

Source: U.S. Department of Energy, Energy Information Administration, State Energy Data System (SEDS) Consumption, 1960-2006, Hawaii

<[http://www.eia.doe.gov/emeu/states/state.html?q\\_state\\_a=hi&q\\_state=HAWAII](http://www.eia.doe.gov/emeu/states/state.html?q_state_a=hi&q_state=HAWAII)> accessed June 24, 2009.

**Table 17.04-- PRIMARY ENERGY CONSUMPTION AND ELECTRICITY SALES, TOTAL AND PER CAPITA: 1991 TO 2007**

Year	Primary energy consumption		Electricity sales by utilities	
	Total (trillion Btu)	Per capita 1/ (million Btu)	Total (1,000 kWh)	Per capita 1/ (kWh)
1991	322.9524	257.895	8,564,032	6,839
1992	339.0912	266.652	8,666,889	6,815
1993	307.7465	242.731	8,657,903	6,829
1994	327.4778	253.897	8,948,458	6,938
1995	315.1186	242.754	9,187,430	7,078
1996	315.9492	242.308	9,378,962	7,193
1997	315.9927	237.959	9,345,281	7,037
1998	302.8773	227.023	9,261,070	6,942
1999	308.4009	231.455	9,379,808	7,040
2000	325.2151	243.680	9,690,598	7,261
2001	304.6372	228.518	9,776,882	7,334
2002	306.2823	227.434	9,958,768	7,395
2003	320.3960	236.768	10,206,405	7,542
2004	324.0634	235.974	10,508,642	7,652
2005	324.5542	232.981	10,538,507	7,565
2006	318.7241	226.428	10,567,913	7,508
2007 2/	328.6137	233.700	10,585,038	7,528

1/ Based on estimated de facto population.

2/ Preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism, Strategic Industries Division, Energy Branch, records.

**Table 17.05-- PRIMARY ENERGY CONSUMPTION, BY SOURCE:  
1990 TO 2007**

[Trillion Btu]

Year	Total	Petroleum	Biomass	Solar hot water
1990	312.1304	284.4906	18.1200	2.3400
1991	322.9524	294.6222	17.9000	2.3000
1992	339.0912	305.7758	16.9840	2.3000
1993	307.7465	266.9516	16.8310	2.3000
1994	327.4778	285.5010	16.3660	2.3000
1995	315.1186	273.9590	11.8232	2.8386
1996	315.9492	277.1298	10.3994	3.1225
1997	315.9927	278.3480	8.9527	3.1225
1998	302.8773	269.1272	7.5220	3.1225
1999	308.4009	272.4720	9.2784	3.5483
2000	325.2151	290.2354	7.1331	3.5483
2001	304.6372	273.7797	3.4243	3.6792
2002	306.2823	272.8375	5.5584	4.0214
2003	320.3960	284.4207	6.0847	4.0687
2004	324.0634	287.7538	6.1256	4.3053
2005	324.5542	291.5014	5.2839	4.4945
2006	318.7241	283.6873	5.5054	4.6364
2007 1/	328.6137	290.3796	6.5719	4.7311

Year	Hydroelectric	Coal	Wind	Geothermal	Solid waste
1990	1.0700	0.8900	0.2900	-	4.9298
1991	1.0000	0.8000	0.3060	-	6.0242
1992	0.7226	6.9207	0.2573	0.0168	6.1140
1993	0.8024	13.2237	0.2352	1.5988	5.8038
1994	1.5300	13.5599	0.2251	1.8060	6.1898
1995	1.0632	16.5249	0.2364	2.3045	6.3688
1996	1.1332	16.9294	0.2244	2.3566	4.6539
1997	0.9544	16.7772	0.1796	2.3633	5.2950
1998	0.7654	14.7665	0.2159	2.2782	5.0796
1999	1.2410	14.5187	0.1738	2.0255	5.1432
2000	0.9481	15.4724	0.1794	2.5855	5.1086
2001	1.0439	15.7719	0.1809	2.1356	4.6107
2002	1.0318	17.1440	0.1354	0.7637	4.7791
2003	0.7962	18.2279	0.1137	1.8181	4.8467
2004	0.9034	17.8472	0.0788	2.1765	4.8533
2005	1.1463	15.5778	0.0692	2.2801	4.2010
2006	1.2983	15.8569	0.8466	2.1937	4.6995
2007 1/	1.3147	16.5933	2.5006	2.3756	4.1469

1/ Preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism, Strategic Industries Division, Energy Planning & Policy Branch, records.

**Table 17.06-- ELECTRICITY GENERATION BY SOURCE: 1989 TO 2007**

[Millions of kWh generated]

Year	Total	Petroleum	Biomass	MSW 1/	Hydroelectric
1989	9,280	8,511	614	-	100
1990	9,566	8,589	538	-	105
1991	9,610	8,664	495	-	92
1992	10,104	8,556	460	-	67
1993	10,219	7,576	435	349	78
1994	10,341	7,793	423	379	148
1995	10,563	7,853	292	383	103
1996	10,742	8,027	270	326	110
1997	10,424	7,805	226	371	93
1998 2/	10,455	8,009	178	364	87
1999	10,719	8,144	333	361	113
2000	12,008	9,360	211	362	99
2001	10,839	8,449	153	275	109
2002	10,858	8,651	137	300	99
2003	10,978	8,548	174	338	71
2004	11,654	9,071	181	325	101
2005	11,676	9,135	174	337	111
2006	11,701	9,110	170	388	127
2007	51,240	8,670	155	303	94

Year	Geothermal	Wind	Coal	PV 3/	Other 4/
1989	14	41	-	-	(5/)
1990	-	28	-	-	306
1991	-	30	-	-	329
1992	1	21	-	-	999
1993	155	24	1,592	(5/)	10
1994	175	22	1,382	(5/)	19
1995	223	23	1,674	(5/)	12
1996	228	22	1,740	(5/)	19
1997	229	17	1,663	(5/)	20
1998 2/	220	21	1,553	(5/)	20
1999	196	13	1,541	(5/)	18
2000	250	17	1,695	(5/)	14
2001	207	18	1,616	6/ 1	12
2002	74	13	1,580	-	4
2003	176	13	1,658	6/ 2	-
2004	211	8	1,757	6/ 2	-
2005	221	7	1,691	(5/)	-
2006	212	82	1,612	6/ 2	-
2007	230	238	1,578	6/ 8	-

Continued on next page.

**Table 17.06-- ELECTRICITY GENERATION BY SOURCE: 1989 TO 2007 -- Con.**

- 1/ Electricity generated from Honolulu municipal solid waste plant.
  - 2/ Electricity generated from photovoltaic.
  - 3/ From 1989 to 1992, includes electricity production by coal, geothermal (a test well which ceased operation in 1989), and photovoltaic.
  - 4/ Less than 500,000 kWh.
  - 5/ Preliminary.
  - 6/ Data may not be complete.
- Source: Hawaii State Department of Business, Economic Development & Tourism, Strategic Industries Division, records; Hawaii State Department of Commerce and Consumer Affairs, records; Hawaii Agriculture Research Center, records.

**Table 17.07-- ELECTRICITY PRODUCTION, BY SOURCE, BY ISLAND:  
2007**

[Million kWh]

<b>Island</b>	<b>Total</b>	<b>Petroleum</b>	<b>Biomass</b>	<b>MSW 1/</b>	<b>Hydroelectric</b>
State total	11,274	8,668	156	303	94
Hawaii	1,259	870	-	-	42
Maui	1,385	1,067	115	-	13
Lanai	32	32	-	-	-
Molokai	39	39	-	-	-
Oahu	8,293	6,440	34	303	-
Kauai	266	220	7	-	39
<b>Island</b>	<b>Wind</b>	<b>Geothermal</b>	<b>Coal</b>	<b>PV 2/ 3/</b>	<b>Other</b>
State total	238	230	1,578	8	-
Hawaii	112	230	-	4.4	-
Maui	126	-	62	1.3	-
Lanai	-	-	-	-	-
Molokai	-	-	-	-	-
Oahu	-	-	1,516	1.7	-
Kauai	-	-	-	0.5	-

1/ Electricity generated from Honolulu municipal solid waste plant.

2/ Electricity generated from photovoltaic.

3/ Data may not be complete.

Source: Hawaii State Department of Business, Economic Development & Tourism, Strategic Industries Division, records; Hawaii State Department of Commerce and Consumer Affairs, records.

**Table 17.08 -- FUEL, ELECTRICITY, AND TOTAL ENERGY EXPENDITURES BY SOURCE: 1991 TO 2007**

[Millions of dollars]

Year	Total energy expenditures	Fuel expenditures			Plus: electricity expenditures by customers	Minus: electric utility fuel expenditures 1/
		Total	Electric utility	Other		
1991	2,217.5	1,736.4	304.8	1,431.6	785.9	304.8
1992	2,340.3	1,760.0	238.2	1,521.8	818.5	238.2
1993	2,369.9	1,660.4	213.3	1,447.1	922.8	213.3
1994	2,397.0	1,642.5	201.4	1,441.1	955.9	201.4
1995	2,459.4	1,645.2	223.5	1,421.7	1,037.7	223.5
1996	2,712.0	1,843.9	268.9	1,575.0	1,137.0	268.9
1997	2,756.5	1,863.6	276.2	1,587.4	1,169.2	276.2
1998	2,442.9	1,580.2	210.9	1,369.3	1,073.6	210.9
1999	2,544.6	1,656.2	234.7	1,421.5	1,123.1	234.7
2000	3,305.5	2,339.9	394.2	1,945.7	1,359.8	394.2
2001	3,373.4	2,377.2	374.9	2,002.3	1,371.1	374.9
2002	3,078.5	2,073.0	333.5	1,739.5	1,339.0	333.5
2003	3,690.9	2,605.7	400.0	2,205.6	1,485.2	400.0
2004	4,346.1	3,213.9	524.5	2,689.4	1,656.8	524.5
2005	5,492.9	4,258.5	693.5	3,565.0	1,927.9	693.5
2006 2/	6,169.1	4,728.0	749.1	3,978.9	2,190.2	749.1
2007	6,208.3	4,803.6	848.7	3,954.9	2,253.4	848.7

1/ Electric utility fuel expenditures are subtracted from the sum of total fuel expenditures and electricity expenditures by customers to avoid double counting when calculating total energy expenditures.

2/ Preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism, Strategic Industries Division, Energy Planning & Policy Branch, records.

**Table 17.09-- ELECTRIC UTILITIES: 1995 TO 2008**

Year	Customers, Dec. 31			Power sold (1,000 kWh)		
	Total	Residen- tial 1/	Other	Total	Residen- tial 1/	Other
1995	409,983	352,589	57,394	9,187,430	2,597,010	6,590,419
1996	413,830	356,205	57,625	9,378,962	2,669,654	6,709,308
1997	415,964	358,683	57,281	9,345,281	2,659,248	6,686,033
1998	418,989	361,429	57,560	9,261,070	2,634,172	6,626,899
1999	424,603	366,273	58,330	9,379,808	2,683,408	6,696,400
2000	430,354	370,928	59,426	9,690,598	2,764,619	6,925,980
2001	436,150	376,054	60,096	9,776,882	2,802,432	6,974,450
2002	441,323	380,608	60,715	9,958,768	2,921,563	7,037,206
2003	449,354	387,162	62,192	10,206,405	3,024,509	7,181,897
2004	455,278	391,567	63,711	10,508,642	3,156,499	7,352,142
2005	463,088	398,332	64,756	10,538,507	3,164,029	7,374,478
2006	469,013	403,278	65,735	10,567,913	3,180,852	7,387,061
2007	475,104	408,923	66,181	10,585,038	3,200,675	7,384,363
2008	476,124	410,477	65,647	10,390,012	3,085,183	7,304,829

Year	Average annual use (kWh) 2/		Average rate (dollars per kWh)		Revenues (\$1,000)		
	Residen- tial	Other	Residen- tial	Other	Total	Residen- tial	Other
1995	7,366	114,828	0.13337	0.10490	1,037,702	346,359	691,343
1996	7,495	116,431	0.14272	0.11268	1,137,045	381,011	756,034
1997	7,414	116,723	0.14839	0.11584	1,169,134	394,603	774,531
1998	7,288	115,130	0.13884	0.10682	1,073,610	365,719	707,891
1999	7,326	114,802	0.14312	0.11037	1,123,126	384,043	739,083
2000	7,453	116,548	0.16409	0.13083	1,359,756	453,650	906,106
2001	7,452	116,055	0.16336	0.13095	1,371,113	457,797	913,317
2002	7,676	115,906	0.15703	0.12508	1,338,980	458,781	880,199
2003	7,812	115,479	0.16743	0.13629	1,485,234	506,399	978,835
2004	8,061	115,398	0.18031	0.14793	1,656,764	569,162	1,087,601
2005	7,943	113,881	0.20656	0.17280	1,927,872	653,568	1,274,304
2006	7,887	112,376	0.23358	0.19590	2,190,152	742,994	1,447,158
2007	7,827	111,578	0.24122	0.20061	2,253,432	772,065	1,481,368
2008	7,516	111,274	0.32497	0.27809	3,033,951	1,002,582	2,031,369

1/ Residential refers to single-metered residential customers which may include condominiums for visitor use but excludes master-metered apartment and condominium buildings used by residents which are classified as commercial customers.

2/ Based on number of customers at end of year.

Source: Hawaii State Department of Commerce and Consumer Affairs, Division of Consumer Advocacy, records.

**Table 17.10-- ELECTRIC UTILITIES, BY ISLAND: 2008**

Island	Customers, Dec. 31			Gross System Peak 2/	Power sold (1,000 kWh)		
	Total	Residential 1/	Other	(mW)	Total	Residential 1/	Other
State total	476,124	410,477	65,647	(X)	10,390,012	3,085,183	7,304,829
Oahu	293,740	259,929	33,811	1,227.0	7,555,962	2,048,728	5,507,234
Hawaii	79,606	66,188	13,418	202.4	1,141,030	441,413	699,617
Kauai	35,713	27,435	8,278	74.3	453,791	160,479	293,312
Lanai	1,648	1,413	235	5.3	29,138	8,120	21,018
Maui	62,266	52,922	9,344	199.0	1,176,505	414,006	762,499
Molokai	3,151	2,590	561	6.0	33,586	12,437	21,149
Island	Average annual use (kWh) 3/		Average rate (dollars per kWh)		Revenues (\$1,000)		
	Residential 1/	Other	Residential 1/	Other	Total	Residential 1/	Other
State total	7,516	111,274	0.32497	0.27809	3,033,951	1,002,582	2,031,369
Oahu	7,882	162,883	0.28892	0.24628	1,948,243	591,916	1,356,327
Hawaii	6,669	52,140	0.40883	0.37842	445,214	180,462	264,752
Kauai	5,849	35,433	0.42075	0.41570	189,451	67,522	121,929
Lanai	5,747	89,438	0.44089	0.44362	12,904	3,580	9,324
Maui	7,823	81,603	0.37117	0.35394	423,546	153,668	269,878
Molokai	4,802	37,699	0.43692	0.43307	14,593	5,434	9,159

X Not applicable.

1/ Residential refers to single-metered residential customers which may include condominiums for visitor use but excludes master-metered apartment and condominium buildings used by residents which are classified as commercial customers.

2/ System peak is the maximum amount of energy required by the electrical system at a point in time. The island electrical systems are not interconnected, therefore, peaks are reported separately for each island.

3/ Based on number of customers at end of year.

Source: Hawaii State Department of Commerce and Consumer Affairs, Division of Consumer Advocacy, records.

**Table 17.11-- GAS UTILITIES: 1995 TO 2008**

[Excludes bottled gas]

Year	Customers, Dec. 31			Gas sold (1,000 therms)		
	Total	Residential 1/	Other	Total	Residential 1/	Other
1995	36,619	32,950	3,669	33,740	5,793	27,948
1996	36,641	33,020	3,621	33,531	5,642	27,888
1997	36,575	32,977	3,598	32,980	5,603	27,377
1998	36,225	32,630	3,595	33,095	5,702	27,393
1999	36,363	32,757	3,606	34,099	5,577	28,522
2000	36,404	32,804	3,600	34,820	5,477	29,343
2001	36,431	32,833	3,598	34,159	5,401	28,758
2002	36,236	32,629	3,607	33,974	5,357	28,617
2003	36,046	32,415	3,631	33,556	5,170	28,386
2004	36,049	32,413	3,636	34,241	5,087	29,154
2005	35,850	32,229	3,621	34,249	5,041	29,208
2006	35,793	32,164	3,629	34,340	4,983	29,357
2007	35,692	32,078	3,614	34,685	4,933	29,752
2008	35,364	31,752	3,612	33,100	4,807	28,293

Year	Average annual use (therms) 2/		Average rate (dollars per therm)		Revenues (\$1,000)		
	Residential 1/	Other	Residential 1/	Other	Total	Residential 1/	Other
1995	176	7,617	1.79670	1.25158	45,386	10,407	34,979
1996	171	7,702	2.10399	1.33578	49,124	11,872	37,252
1997	170	7,609	2.29075	1.40013	51,167	12,835	38,332
1998	175	7,620	2.16236	1.25934	46,826	12,329	34,497
1999	170	7,910	2.17266	1.24026	47,491	12,116	35,375
2000	167	8,151	2.45358	1.48560	57,031	13,439	43,592
2001	165	7,993	2.59225	1.56297	58,949	14,001	44,948
2002	164	7,934	2.87341	1.50635	58,500	15,393	43,107
2003	159	7,818	3.05760	1.71228	64,412	15,807	48,605
2004	157	8,018	3.23468	1.87938	71,245	16,453	54,792
2005	156	8,066	3.64213	2.26578	84,539	18,360	66,179
2006	155	8,090	3.87417	2.46238	91,593	19,305	72,288
2007	154	8,232	3.93554	2.52524	94,545	19,414	75,131
2008	151	7,833	4.89349	3.46955	121,687	23,523	98,164

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, records.

**Table 17.12-- GAS UTILITIES, BY ISLAND: 2008**

[Excludes bottled gas]

Island	Customers, December 31			Gas sold (1,000 therms)		
	Total	Residen- tial 1/	Other	Total	Residen- tial 1/	Other
State total	35,364	31,752	3,612	33,100	4,807	28,293
Oahu	32,180	28,943	3,237	29,920	4,319	25,601
Hawaii	1,788	1,495	293	2,301	290	2,011
Kauai	792	792	0	90	90	-
Lanai	9	9	-	1	1	-
Maui	513	431	82	774	93	681
Molokai	82	82	-	14	14	-

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	151	7,833	4.89349	3.46955	121,687	23,523	98,164
Oahu	149	7,909	4.91063	3.52451	111,440	21,209	90,231
Hawaii	194	6,863	4.93103	2.96818	7,399	1,430	5,969
Kauai	114	-	4.86667	-	438	438	-
Lanai	-	-	-	-	5	5	-
Maui	216	8,305	4.08602	2.88399	2,344	380	1,964
Molokai	171	-	4.35714	-	61	61	-

1/ Residential refers to single-metered residential customers which may include condominiums for visitor use but excludes master-metered apartment and condominium buildings used by residents which are classified as commercial customers.

2/ Based on number of customers at end of year.

Source: Hawaii State Department of Commerce and Consumer Affairs, Division of Consumer Advocacy, records.

**Table 17.13-- SERVICE PROVIDED BY HAWAIIAN ELECTRIC COMPANY, INC.,  
ON OAHU: 1991 TO 2008**

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

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 2008**

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	32,649	29,413	31,346	4,459	152
2008	32,358	29,123	29,920	4,318	148

1/ Includes liquefied petroleum gas.

Source: The Gas Company LLC, formerly The Gas Company, Inc., records.

**Table 17.15-- LIQUID FUEL TAX BASE: 1996 TO 2008**

[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
1996	1,147,866	588,896	394,989	160,102	29,864
1997	955,834	585,400	400,435	150,737	30,109
1998	954,860	597,410	394,674	169,930	28,983
1999	969,434	621,832	384,260	201,664	32,098
2000	1,053,114	684,247	400,920	246,426	33,282
2001	962,973	627,076	409,910	179,000	34,018
2002	994,141	646,185	429,613	175,096	36,157
2003	835,991	587,927	452,499	91,988	37,004
2004	1,066,808	727,943	459,321	220,562	43,223
2005	972,642	647,843	454,115	146,922	43,440
2006	869,789	657,355	472,658	131,665	50,065
2007	1/ 1,016,128	1/ 780,475	480,632	215,503	66,030
2008	920,042	710,863	443,918	158,894	57,613

Year reported	Liquefied petroleum gas		Aviation fuel	Small boats		Other fuel
	Off hwy.	Hwy. use		Gasoline	Diesel oil	
1996	3,249	413	558,969	50	228	(X)
1997	3,587	328	370,433	41	164	(X)
1998	3,280	383	357,450	9	151	(X)
1999	3,326	360	347,602	4	119	(X)
2000	3,250	332	368,867	2	35	(X)
2001	3,783	310	335,897	9	47	(X)
2002	4,991	267	347,956	5	40	16
2003	5,739	391	248,065	2	22	281
2004	3,368	246	338,866	8	16	1,200
2005	1,222	300	324,799	15	42	1,786
2006	1	142	212,434	23	45	2,756
2007	(2/)	108	235,653	262	626	17,314
2008	-	96	209,179	452	5,004	44,886

X Not applicable.

1/ Revised from previous *Data Book*.

2/ 272 gallons.

Source: Hawaii State Department of Taxation, Tax Research & Planning, "Liquid Fuel Tax Base & Tax Collections" (annual); 2007 data revised September 16, 2008; 2008 data revised January 29, 2009

<[http://www.hawaii.gov/tax/a5\\_3txcolrptarchive.htm](http://www.hawaii.gov/tax/a5_3txcolrptarchive.htm)> accessed May 12, 2009.

**Table 17.16-- LIQUID FUEL TAX BASE, BY COUNTY: 2008**

[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	920,042	544,052	139,746	151,657	84,587
Gasoline	443,918	277,976	62,215	74,580	29,147
Diesel oil, non-hwy.	158,894	115,723	15,730	8,310	19,130
Diesel oil, hwy. use	57,613	31,416	8,084	15,062	3,050
Liq. pet. gas, off hwy.	-	-	-	-	-
Liq. pet. gas, hwy. use	96	79	7	6	5
Small boats, gasoline	452	289	10	143	10
Small boats, diesel oil	5,004	3,929	175	529	370
Aviation fuel	209,179	112,744	53,199	26,154	17,083
Other fuel	44,886	1,896	325	26,873	15,792

Source: Hawaii State Department of Taxation, Tax Research & Planning, "Liquid Fuel Tax Base & Tax Collections - CY Ending December 31, 2008 Revised" <[http://www.hawaii.gov/tax/a5\\_3txcolrptarchive.htm](http://www.hawaii.gov/tax/a5_3txcolrptarchive.htm)> accessed May 12, 2009.

**Table 17.17-- GASOLINE STATIONS (NAICS 447), BY COUNTY:  
1998 TO 2006**

[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

Source: U.S. Census Bureau, *County Business Patterns, Hawaii* (annual). See also <http://censtats.census.gov/cbpnaic/cbpnaic.shtml> accessed December 2, 2008.

**Table 17.18-- BOILERS AND PRESSURE VESSELS, BY ISLAND:  
2007 AND 2008**

[As of December 31]

<b>Island</b>	<b>Total</b>	<b>Power boilers</b>	<b>Heating boilers</b>	<b>Pressure vessels</b>
<b>2007</b>				
State total	10,597	493	2,315	7,789
Hawaii	1,426	72	317	1,037
Maui	1,270	60	289	921
Lanai	41	2	8	31
Molokai	52	2	9	41
Oahu	7,269	318	1,601	5,350
Kauai	539	39	91	409
<b>2008</b>				
State total	10,549	495	2,267	7,787
Hawaii	1,354	65	281	1,008
Maui	1,279	66	291	922
Lanai	35	1	8	26
Molokai	47	2	11	34
Oahu	7,308	322	1,587	5,399
Kauai	526	39	89	398

Source: Hawaii State Department of Labor and Industrial Relations, Hawaii Occupational Safety & Health Division (HIOSH), Boiler and Elevator Inspection Branch, records.

**Table 17.19-- FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT AND FOR R&D PLANT IN HAWAII: 1997 TO 2006**

[Millions of dollars. For fiscal year ending September 30]

Year	R&D	R&D plant	Year	R&D	R&D plant
1997	150.7	3.0	2002	375.2	6.4
1998	164.5	1.5	2003	349.6	1.9
1999	198.8	9.3	2004	392.6	7.0
2000	209.7	1.8	2005	384.4	43.8
2001	293.1	2.8	2006	340.1	5.6

Source: National Science Foundation/Division of Science Resources Statistics, *Federal Funds for Research and Development*, various issues, and records.

**Table 17.20-- PRIVATE SECTOR TECHNOLOGY JOBS AND EARNINGS: 2002 TO 2008**

[Jobs includes paid employees and proprietors. Earnings include wages/salaries and benefits]

	2002	2003	2004	2005	2006	2007	2008	% Change in jobs 2007-08	Average annual earnings 2008
Technology sector total	20,589	20,968	21,589	22,973	23,455	23,597	24,267	2.84	65,655
Technology manufacturing	699	551	384	562	586	605	716	18.35	72,073
Technology equipment distribution	854	843	854	893	816	806	871	8.06	77,263
Information and telecommunications technology services	2,196	2,046	2,237	2,278	2,383	2,333	2,196	-5.87	61,301
Engineering and related services	4,212	4,376	4,424	4,513	4,673	4,814	4,842	0.58	71,649
Computer services	5,587	5,908	6,194	6,281	6,629	6,450	6,583	2.06	67,965
Technical consulting services	2,980	2,815	2,911	3,598	3,423	3,546	3,760	6.03	52,159
Research & development services	2,714	2,947	3,050	3,252	3,320	3,356	3,604	7.39	70,946
Medical and diagnostic testing	1,347	1,482	1,535	1,596	1,625	1,687	1,695	0.47	55,240
Biotechnology 1/	3,050	3,124	3,296	3,676	3,834	3,784	3,927	3.78	55,288

1/ Includes selected elements of the eight technology sector industry groups based on the definition of biotechnology established by established by the national industry group, BIO.

Source: Hawaii State Department of Business, Economic Development and Tourism, Economic Information Branch, records.

**Table 17.21-- SHARE OF TECHNOLOGY SECTOR JOBS, BY COUNTY:  
1999 AND 2001**

[In percent, unless otherwise specified]

<b>Year</b>	<b>Total State Job (number)</b>	<b>State</b>	<b>Hawaii</b>	<b>Maui</b>	<b>Honolulu</b>	<b>Kauai</b>	<b>County unknown</b>
1999	12,417	100	7	8	80	4	1
2001	13,553	100	6	8	82	4	< 1

Source: Hawaii State Department of Business, Economic Development & Tourism, DBEDT e-reports "Hawaii's Expanding Tech Sector", May 2001; DBEDT e-Reports "Hawaii's Technology Sector in 2001", November 2002 <<http://www.hawaii.gov/dbedt/tech02/index.html>> accessed January 14, 2003.

**Table 17.22-- TOP 30 STATES FOR TECHNOLOGY AND SCIENCE INDEX: 2002, 2004 AND 2008**

[The State Technology and Science Index observes 77 unique indicators that are categorized into five major components. These components are human capital investment, research and development inputs, risk capital and entrepreneurial infrastructure, technology and science work force and technology concentration and dynamism. Ranked by largest number in 2008]

City and state	Average score			State ranking		
	2002	2004	2008	2002	2004	2008
Massachusetts	84.9	84.4	82.6	1	1	1
Maryland	77.9	78.2	80.0	4	4	2
Colorado	80.6	78.8	78.3	2	3	3
California	80.4	78.9	74.6	3	2	4
Washington	71.8	69.9	72.1	6	6	5
Virginia	73.3	72.3	70.3	5	5	6
Connecticut	68.6	66.3	70.2	8	10	7
Utah	68.3	66.5	69.2	9	9	8
New Hampshire	63.4	63.5	67.9	13	12	9
Rhode Island	57.3	64.0	66.7	21	11	10
Minnesota	65.9	67.5	64.1	10	8	11
New Jersey	70.0	69.1	63.4	7	7	12
Pennsylvania	59.8	60.4	63.2	16	16	13
Delaware	65.5	62.5	62.3	11	13	14
New York	64.5	60.7	62.2	12	15	15
New Mexico	57.9	61.8	61.9	20	14	16
Arizona	58.6	58.5	61.3	18	17	17
North Carolina	58.9	57.3	59.6	17	20	18
Vermont	46.1	56.0	58.8	31	22	19
Texas	60.4	54.9	57.8	14	23	20
Illinois	58.4	56.6	57.2	19	21	21
Wisconsin	53.7	51.8	57.1	25	27	22
Oregon	55.5	57.8	56.2	23	19	23
Kansas	56.9	53.1	54.2	22	26	24
Georgia	60.2	58.1	53.3	15	18	25
Michigan	54.5	54.0	52.3	24	25	26
Idaho	51.0	49.1	51.4	26	30	27
<b>Hawaii</b>	<b>34.0</b>	<b>40.1</b>	<b>51.2</b>	<b>43</b>	<b>39</b>	<b>28</b>
Alabama	45.0	42.4	50.0	33	36	29
Missouri	47.5	48.1	49.6	28	31	30

Source: Milken Institute "State Technology and Science Index: Enduring Lessons for the Intangible Economy June 2008 " State Overall Ranking <<http://www.milkeninstitute.org/tech/tech.taf?sub=tsi>> accessed June 23, 2008.

**Table 17.23-- RESEARCH AND NON-RESEARCH EXTRAMURAL FUNDING,  
FOR THE UNIVERSITY OF HAWAII: 1991-1992 TO 2007-2008**

[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

Source: University of Hawaii, Office of Research Services, *2006-2007 Executive Managerial Report* and previous reports <[http://www.hawaii.edu/ors/filecabinet\\_managerial\\_report.htm](http://www.hawaii.edu/ors/filecabinet_managerial_report.htm)> accessed June 24, 2009.

**Table 17.24-- RESEARCH AND DEVELOPMENT EXPENDITURES AT  
DOCTORATE-GRANTING INSTITUTIONS: FISCAL YEAR 1991 TO 2006**

[In thousands of dollars]

<b>Year</b>	<b>Total</b>	<b>Federally financed</b>	<b>State and local government financed</b>	<b>Industry financed</b>	<b>Institutionally financed</b>	<b>All other sources</b>
1991	78,166	44,857	27,321	856	3,391	1,741
1992	80,258	47,684	26,775	337	3,319	2,143
1993	73,961	41,362	27,099	151	3,109	2,240
1994	70,079	39,392	25,204	434	3,290	1,759
1995	78,429	44,238	26,789	299	3,738	3,365
1996	111,202	66,902	31,826	8,088	4,386	-
1997	120,107	72,421	28,440	5,944	13,297	5
1998	148,007	86,886	37,002	10,949	13,170	-
1999	156,810	93,418	35,111	13,021	15,260	-
2000	161,300	95,419	35,474	11,158	19,249	-
2001	156,976	97,716	33,125	7,232	18,903	-
2002	172,664	119,381	31,062	9,971	12,232	18
2003	184,602	148,662	11,822	6,931	17,171	16
2004	241,346	191,252	8,815	21,234	19,892	153
2005	240,247	199,135	7,077	12,155	21,282	598
2006	257,478	210,097	8,933	12,551	25,888	9

Source: National Science Foundation, Division of Science Resources Statistics, *Academic Research and Development Expenditures: Fiscal Year" (annual)*,  
<<http://www.nsf.gov/statistics/rdexpenditures/>> accessed November 6, 2008.

**Table 17.25-- PATENTS ISSUED TO HAWAII RESIDENTS: 1988 TO 2008**

<b>Calendar year</b>	<b>Patents</b>	<b>Calendar year</b>	<b>Patents</b>	<b>Calendar year</b>	<b>Patents</b>
1988	62	1995	84	2002	91
1989	71	1996	104	2003	96
1990	85	1997	93	2004	86
1991	80	1998	93	2005	58
1992	81	1999	97	2006	101
1993	106	2000	93	2007	82
1994	99	2001	107	2008	101

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, 2008* (March 2009) <[http://www.uspto.gov/web/offices/ac/ido/oeip/taf/cst\\_all.pdf](http://www.uspto.gov/web/offices/ac/ido/oeip/taf/cst_all.pdf)> accessed June 25, 2009.

**Table 17.26-- ASTRONOMY AND RELATED FACILITIES AT  
THE SUMMITS OF MAUNA KEA AND HALEAKALA: 2008**

Facility (mirror diameter in meters)	Capital cost 1/ (\$ mil)	Annual operating cost (\$ mil)	County based staff	Opera- tional
Mauna Kea observatories:				
UH 2.2-m (Optical/Infrared)	5	1.2	7	1970
Canada-France-Hawaii 3.6-m (Optical/Infrared)	30	7.5	49	1979
NASA IRTF 3.0-m (Infrared)	10	4.0	16	1979
United Kingdom 3.8-m (Infrared)	5	3.3	27	1979
James Clerk Maxwell 15-m Submillimeter	32	3.8	27	1986
Caltech 10.4-m Submillimeter	10	2.6	11	1986
VLBA Antenna 25-m (Radio)	7	0.3	2	1992
W.M. Keck Observatory (Keck I & II) 10-m x 2 (Optical/Infrared)	170	13.0	130	1992/1996
Subaru (Japan National Large Telescope) 8-m (Optical/Infrared)	170	18.4	96	1999
Fredrick C. Gillett Gemini 8m (Optical/Infrared)	92	13.3	105	1999
Submillimeter Array 8x6-m	80	5.0	27	2003
Mauna Kea Observatories Support Services	(X)	2/ 3.9	30	1980
<b>Total</b>	<b>611</b>	<b>72.4</b>	<b>527</b>	
Haleakala observatories:				
Mees Solar Observatory	0.5	0.10	2	1968
Haleakala Observatories Projects	(NA)	0.42	5	1979
Maui Space Surveillance Site (MSSS) 3/ Advanced Electro-Optical System	200.0	16.00	120	1979
3.7-m Telescope (AEOS)	50.0	15.00	55	1997
Faulkes 2-m Telescope	5.0	0.40	2	2003
Transportable Laser Ranging System (TLRS4)	0.6	0.40	4	2005
Panoramic Survey Telescope And Rapid Response System (Pan-STARRS) PS1 @ LURE Observatory	15.0	3.00	9	2009
Haleakala Support Facilities	(NA)	0.38	9	(NA)
<b>Total</b>	<b>261.1</b>	<b>35.70</b>	<b>208</b>	

NA Not available.

X Not applicable.

1/ Historical cost, not adjusted for inflation, and not including subsequent capital improvements for Mauna Kea Observation.

2/ Not included in the total since derived from 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: 2009*, Section 23.

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

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

Narrative

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**Table 18.01-- HIGHWAY DISTANCES: 2008**

Route	Statute miles	Route	Statute miles
HAWAII		MOLOKAI	
Hilo-Lyman Field	2.0	Kaunakakai-Sheraton Hotel	19.5
Hilo-Kalapana	28.4	Kaunakakai-Maunaloa	16.5
Hilo-Mauna Kea summit	39.3	Kaunakakai-Airport	8.0
Hilo-Mauna Loa summit	52.4	Kaunakakai-Halawa	27.6
Hilo-Volcano House	30.7	Airport-Sheraton Hotel	11.5
Hilo-Kailua, via Naalehu	123.0		
Hilo-Kailua, via Saddle Rd.	84.0	OAHU 1/	
Hilo-Kailua, via Hamakua	98.1		
Hilo-Waimea, via Saddle Rd.	60.9	Honolulu-Ala Moana Center	1.5
Hilo-Waimea, via Hamakua	55.7	Honolulu-UH, via King Street	3.2
Hilo-Upolu Pt., via Hamakua	89.6	Honolulu-Waikiki	3.2
Hilo-Kawaihae, via Hamakua	67.5	Honolulu-Waimanalo, via Koko Head	21.2
Waimea-Hawi	20.2	Honolulu-Waimanalo, via Nuuanu	16.0
Waimea-Kawaihae	10.0	Honolulu-Kailua, via Nuuanu	13.0
Kawaihae-Hawi	17.3	Honolulu-Kaneohe, via Kalihi	12.0
Kawaihae-Kailua	34.3	Honolulu-Kahuku, via Kahaluu	38.0
Kailua-Keahole Airport	7.3	Honolulu-Kahuku, via Wahiawa	48.0
Kailua-Keauhou	5.7	Honolulu-Kaena Pt., via Wahiawa	43.4
		Honolulu-Kaena Pt., via Waianae	43.7
MAUI		Honolulu-Wahiawa	23.0
		Honolulu-Pearl Harbor Shipyard	8.0
Wailuku-Kahului	2.3	Honolulu-Honolulu Airport	6.5
Wailuku-Kahului Airport	4.2	Waikiki-UH, via Kapahulu	3.2
Wailuku-Hana, via Keanae	53.2	Waikiki-Honolulu Airport	8.0
Wailuku-Hana, via Kaupo	59.8	Waimanalo-Kahuku	32.6
Wailuku-Haleakala summit	38.2	Circle island, via Makapuu	99.5
Wailuku-Makena	17.9	Circle island, via Nuuanu Pali	81.6
Wailuku-Lahaina, via Kahakuloa	38.0		
Wailuku-Lahaina, via Olowalu	20.9	KAUAI	
Kahului-Kihei	8.2	Lihue-Haena	38.2
Lahaina-Wailea	32.4	Lihue-Wailua	5.9
Lahaina-Napili	8.9	Lihue-Lihue Airport	2.0
Lahaina-Kaanapali	3.7	Lihue-Poipu	11.9
		Lihue-Mana	32.9
LANAI		Lihue-Kalalau Lookout	44.6
Lanai City-Lanai Airport	3.1	Poipu-Kalalau Lookout	36.8
Lanai City-Hulopoe	7.5	Poipu-Princeville	40.7

1/ Honolulu distances measured from South King and Bishop Streets; Waikiki, from Kalakaua Avenue and Lewers Street.

Source: Hawaii State Department of Transportation, Highways Division, records.

**Table 18.02-- LENGTH OF STREETS AND HIGHWAYS, PAVED AND UNPAVED, BY ISLAND: DECEMBER 31, 2006 TO 2008**

[Excludes private roads and military roads not regularly open to public use]

Island	Total mileage	Paved		Unpaved
		Freeways	Other	
2006				
State total	4,342.06	88.53	4,081.12	172.41
Hawaii	1,474.19	-	1,414.89	59.30
Maui	635.21	-	578.51	56.70
Lanai	47.48	-	33.48	14.00
Molokai	135.77	-	123.77	12.00
Oahu	1,632.43	88.53	1,535.98	7.92
Kauai	416.98	-	394.49	22.49
Niihau	-	-	-	-
2007				
State total	4,352.39	88.53	4,091.45	172.41
Hawaii	1,473.36	-	1,414.06	59.30
Maui	635.23	-	578.53	56.70
Lanai	47.48	-	33.48	14.00
Molokai	135.77	-	123.77	12.00
Oahu	1,643.66	88.53	1,547.21	7.92
Kauai	416.89	-	394.40	22.49
Niihau	-	-	-	-
2008				
State total	4,362.68	88.53	4,101.74	172.41
Hawaii	1,478.44	-	1,419.14	59.30
Maui	635.26	-	578.56	56.70
Lanai	47.48	-	33.48	14.00
Molokai	135.77	-	123.77	12.00
Oahu	1,649.21	88.53	1,552.76	7.92
Kauai	416.52	-	394.03	22.49
Niihau	-	-	-	-

Source: Hawaii State Department of Transportation, Highways Division, records.

**Table 18.03-- HIGHWAY BRIDGES, BY ISLAND: DECEMBER 31, 2008**

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: 2003 TO 2008**

Area	Number of bridges	Deficient and obsolete					
		Total		Structurally deficient 1/		Functionally obsolete 2/	
		Number	Percent	Number	Percent	Number	Percent
2003							
U.S.	592,246	160,819	27.2	79,811	13.5	81,008	13.7
Hawaii	1,097	512	46.7	155	14.1	357	32.5
2004							
U.S.	593,885	158,318	26.7	77,758	13.1	80,560	13.6
Hawaii	1,099	513	46.7	156	14.2	357	32.5
2005							
U.S.	594,616	156,177	26.3	75,871	12.8	80,306	13.5
Hawaii	1,104	514	46.6	160	14.5	354	32.1
2006							
U.S.	596,842	153,990	25.8	73,764	12.4	80,226	13.4
Hawaii	1,110	513	46.2	156	14.1	357	32.2
2007							
U.S.	599,766	152,316	25.4	72,524	12.1	79,792	13.3
Hawaii	1,115	500	44.8	142	12.7	358	32.1
2008							
U.S.	601,411	151,391	25.2	71,469	11.9	79,922	13.3
Hawaii	1,120	487	43.5	136	12.1	351	31.3

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 May 28, 2009; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 18.05-- HIGHWAY TUNNEL LENGTHS: DECEMBER 31, 2008**

Island and name of tunnel	Length (feet)
Oahu	
Pali, Honolulu side	to Honolulu 1,000 from Honolulu 1,080
Pali, Kailua side	to Honolulu 500 from Honolulu 497
Wilson	to Honolulu 2,775 from Honolulu 2,813
H-3	to Honolulu 4,890 from Honolulu 5,165
H-3, Hospital Rock	to Honolulu 353 from Honolulu 354
Middle Street	393
Maui	
Olowalu	318
Kauai	
Kipu-Mahaulepu (private road)	2,200

Source: Hawaii State Department of Transportation, Highways Division, records; McBryde Sugar Plantation, records.

**Table 18.06-- VEHICLE REGISTRATION, BY TYPE OF VEHICLE:  
1998 TO 2008**

[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
1998	915,753	893,427	713,732	61	3,084
1999	929,474	906,935	725,142	59	3,028
2000	964,738	941,242	754,840	56	2,902
2001	986,555	967,146	775,737	53	2,847
2002	1,013,594	987,598	792,482	61	2,815
2003	1,057,625	1,030,845	830,672	47	2,588
2004	1,100,646	1,072,211	867,120	44	2,510
2005	1,149,403	1,119,838	906,799	47	2,472
2006	1,159,256	1,127,467	907,659	46	2,349
2007	1,167,240	1,134,542	911,607	47	2,260
2008	1,160,643	1,127,567	903,518	57	2,213
		Motor vehicles -- continued			
Year	Trucks 1/	Truck tractors, tow trucks	Truck crane, misc.	Motorcycles, motor-scooters 2/	Trailers and semi-trailers
1998	158,977	423	214	16,936	22,326
1999	161,067	407	224	17,008	22,539
2000	165,104	409	270	17,661	23,496
2001	168,414	495	314	19,286	19,409
2002	160,941	513	359	20,427	25,996
2003	174,641	510	368	22,019	26,780
2004	178,596	547	449	22,945	28,435
2005	184,513	603	530	24,874	29,565
2006	189,878	670	682	26,183	31,789
2007	192,175	696	779	26,978	32,698
2008	191,459	799	1,074	28,447	33,076

1/ Vans, pickups, and other trucks under 6,500 lb. in personal use, legally classified as passenger vehicles, are included in the totals for trucks.

2/ Excluding mopeds (1.5 HP or less), which are legally classified as bicycles.

Source: Hawaii State Department of Transportation, Motor Vehicle Safety Office, records.

**Table 18.07-- MOTOR VEHICLES REGISTERED, BY COUNTY:  
1995 TO 2008**

[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

Source: Hawaii State Department of Transportation, Motor Vehicle Safety Office, records.

**Table 18.08-- VEHICLE REGISTRATION, BY TYPE OF VEHICLE,  
BY COUNTY: 2008**

[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	1,160,643	735,509	184,202	77,989	162,943
Motor vehicles	1,127,567	719,640	175,166	74,344	158,417
Passenger vehicles 1/	903,518	595,825	133,722	52,722	121,249
Ambulances	57	36	5	1	15
Buses	2,213	1,735	268	11	199
Trucks 1/	191,459	101,690	36,933	19,826	33,010
Truck tractors	799	511	186	13	89
Truck cranes	1,074	879	105	6	84
Motorcycles, motorscooters 2/	28,447	18,964	3,947	1,765	3,771
Trailers and semi-trailers	33,076	15,869	9,036	3,645	4,526

1/ Vans, pickups, and other trucks under 6,500 lb. in personal use, legally classified as passenger vehicles, are included in the totals for trucks.

2/ Excluding mopeds (1.5 HP or less), which are legally classified as bicycles.

Source: Hawaii State Department of Transportation, Motor Vehicle Safety Office, records.

**Table 18.09-- VEHICLE REGISTRATION, BY TAXATION STATUS,  
BY COUNTY: 2008**

[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	1,099,120	700,676	171,219	72,579	154,646
Taxable vehicles	1,023,356	629,116	169,389	71,745	153,106
Exempt vehicles	75,764	71,560	1,830	834	1,540
Federal government	407	396	8	-	3
State government	6,099	6,093	3	1	2
County government	7,179	4,420	959	559	1,241
Fire department	278	72	124	48	34
Police department	1,730	1,330	395	-	5
Consulates	57	56	1	-	-
Disabled veterans	221	54	140	23	4
Military non-resident	58,144	57,874	53	146	71
Farm	198	38	40	3	117
Horseless carriage	66	54	7	4	1
Electric vehicles	179	114	26	8	31
National Guard	1,206	1,059	74	42	31

Source: Hawaii State Department of Transportation, Motor Vehicle Safety Office, records.

**Table 18.10-- VEHICLES AVAILABLE TO OCCUPIED HOUSING UNITS,  
BY COUNTY: 2000**

<b>Vehicles available</b>	<b>State total</b>	<b>Hawaii</b>	<b>Honolulu</b>	<b>Kalawao</b>	<b>Kauai</b>	<b>Maui</b>
Occupied units	403,240	52,985	286,450	115	20,183	43,507
None	44,280	3,655	36,614	13	1,221	2,777
1	149,369	19,499	107,393	63	6,770	15,644
2	143,919	21,017	97,752	39	8,229	16,882
3 or more	65,672	8,814	44,691	-	3,963	8,204

Source: U.S. Census Bureau, Census 2000, Table DP-4, Profile of Selected Housing Characteristics: 2000.

**Table 18.11-- TRUCK CHARACTERISTICS: 1987 TO 2002**

Category (100 percent)	Selected characteristic	Percent of category			
		1987	1992	1997	2002
Total trucks (1,000)		160.8	280.3	294.2	351.4
Business 1/ Body type	Personal transportation Pickup, mini-van, other light van, and sport utility	60.5	61.7	70.1	74.0
Vehicle size	Light	91.2	93.8	94.9	95.9
Annual miles	Less than 10,000 2/	94.6	95.6	95.9	96.9
Model year	Over 4 years old	57.0	50.0	44.3	51.1
Vehicle acquisition	New	62.1	66.8	74.1	68.0
Truck type	Single-unit, 2 axles 3/	49.6	54.3	48.3	50.4
Range of operation	50 miles or less	96.4	96.6	97.7	98.1
Fuel type	Gasoline	80.2	79.3	81.2	70.5
		94.6	94.6	95.1	93.7

1/ Comparability of estimates may vary across survey years due to changes in category definitions.

2/ Includes vehicles not in use.

3/ Excludes truck-tractors not in use.

Source: U.S. Bureau of the Census, *Truck Inventory and Use Survey, 1992 Census of Transportation*, TC92-T-12 (December 1994), table 2 <<http://www.census.gov/prod/1/trans/92trkinv/tct12.pdf>>; U.S. Census Bureau, *2002 Economic Census, Vehicle Inventory and Use Survey, Geographic Area Series, Hawaii*, EC02TV-HI (October 2004), tables 1a and 2a <<http://www.census.gov/svsd/www/02vehinv.html>> accessed May 12, 2005.

**Table 18.12-- NEW RETAIL CAR AND LIGHT TRUCK (VAN)  
REGISTRATIONS: 1989 TO 2008**

[Excludes U-drive/Fleet sales]

Year	Number	Year	Number	Year	Number
1989	57,456	1996	41,480	2003	62,712
1990	54,544	1997	42,487	2004	70,457
1991	47,783	1998	40,673	2005	70,268
1992	44,865	1999	45,054	2006	67,224
1993	45,249	2000	51,500	2007	57,526
1994	44,175	2001	51,388	2008	42,804
1995	41,083	2002	53,314		

Source: Hawaii Automobile Dealers Association, *HawaiiDealer 2009 First Quarter*, and records.

**Table 18.13-- NEW RETAIL CAR AND LIGHT TRUCK (VAN)  
REGISTRATIONS, BY NAMEPLATE: 2006 TO 2008**

[Excludes U-drive/Fleet sales]

<b>Nameplate</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Total	67,224	57,526	42,804
Toyota/Scion	17,919	15,673	12,201
Honda	7,843	7,688	6,115
Nissan	7,812	7,043	4,956
Ford	6,122	4,512	3,135
Chevrolet	3,625	2,802	2,028
Dodge	3,029	2,041	1,347
Lexus	1,983	1,768	1,340
Mazda	2,721	1,922	1,332
BMW	1,261	1,364	1,220
Mercedes	1,450	1,172	979
Hyundai	1,273	1,155	748
Kia	1,267	1,187	734
Jeep	896	845	641
Volkswagen	1,024	918	604
Acura	908	784	604
GMC	875	784	577
Saturn	699	700	450
Chrysler	768	490	330
All others	5,749	4,678	3,463

Source: Hawaii Automobile Dealers Association, *HawaiiDealer*, 2007 Edition 1, 2008 Second Quarter and 2009 First Quarter.

**Table 18.14-- NEW RETAIL CAR AND LIGHT TRUCK (VAN)  
REGISTRATIONS, BY PLACE OF MANUFACTURE: 2006 TO 2008**

[Excludes U-drive/Fleet sales]

<b>Type and place of manufacture</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Total	67,224	57,526	42,804
Car	29,603	24,650	20,180
Light truck	37,621	32,876	22,624
Chrysler, Ford, General Motors	17,637	13,416	9,320
Japanese	41,415	36,602	27,742
European	5,632	5,166	4,260
Korean	2,540	2,342	1,482

Source: Hawaii Automobile Dealers Association, *HawaiiDealer*, 2007 Edition 1, 2008 Second Quarter and 2009 First Quarter.

**Table 18.15-- HAWAII DRIVERS LICENSES IN FORCE, BY COUNTY:  
1991 TO 2008**

[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

Source: Hawaii State Department of Transportation, Motor Vehicle Safety, records.

**Table 18.16-- HAWAII DRIVERS LICENSES IN FORCE, BY AGE  
AND SEX: 2007 AND 2008**

[As of December 31]

Years of age	Both sexes		Male		Female	
	2007	2008	2007	2008	2007	2008
Total	882,466	895,941	462,852	469,589	419,614	426,352
15 to 19	29,435	29,171	15,760	15,728	13,675	13,443
20 to 24	73,253	72,687	38,869	38,579	34,384	34,108
25 to 29	84,740	84,979	44,554	44,430	40,186	40,549
30 to 34	78,335	79,404	40,477	41,158	37,858	38,246
35 to 39	83,121	82,758	43,000	42,645	40,121	40,113
40 to 44	85,266	84,108	43,923	43,277	41,343	40,831
45 to 49	89,589	89,986	46,549	46,813	43,040	43,173
50 to 54	89,002	89,655	45,869	46,231	43,133	43,424
55 to 59	82,298	84,461	43,287	44,319	39,011	40,142
60 to 64	66,114	70,398	35,286	37,467	30,828	32,931
65 to 69	42,694	47,228	23,074	25,516	19,620	21,712
70 to 74	30,383	32,030	16,157	17,130	14,226	14,900
75 to 79	24,076	23,782	12,362	12,244	11,714	11,538
80 to 84	16,153	16,653	8,772	8,806	7,381	7,847
85 to 89	6,615	7,103	3,996	4,236	2,619	2,867
90 to 94	1,287	1,426	838	925	449	501
95 to 99	105	112	79	85	26	27

Source: Hawaii State Department of Transportation, Motor Vehicle Safety, records.

**Table 18.17-- MOTOR VEHICLE FUEL CONSUMPTION AND VEHICLE MILES, 1990 TO 2008, AND BY COUNTY, 2007 AND 2008**

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/
1990	395,185	444	3/ 8,065.4	9,071
1991	406,819	453	3/ 8,142.2	9,075
1992	405,963	457	3/ 8,065.5	9,070
1993	409,940	468	3/ 7,945.3	9,063
1994	428,558	490	3/ 7,925.2	9,056
1995	422,884	482	3/ 7,944.1	9,051
1996	426,370	482	3/ 8,005.9	9,050
1997	421,499	477	3/ 8,003.0	9,050
1998	422,928	473	3/ 8,090.2	9,055
1999	417,374	460	3/ 8,215.2	9,058
2000	428,425	455	3/ 8,525.7	9,058
2001	445,558	461	3/ 8,754.3	9,052
2002	477,518	484	3/ 8,937.3	9,050
2003	483,232	469	3/ 9,325.0	9,046
2004	498,816	463	3/ 9,734.6	9,042
2005	505,418	459	4/ 10,129.1	9,191
2006	531,505	5/ 471	4/ 10,226.3	5/ 9,070
2007	541,956	478	4/ 10,394.4	9,162
2008	540,910	480	4/ 10,215.1	9,059
COUNTY: 2007				
Honolulu	313,917	434	6,450.8	8,929
Hawaii	105,421	598	1,680.7	9,528
Kauai	47,402	627	818.3	10,825
Maui	75,216	470	1,444.6	9,024
COUNTY: 2008				
Honolulu	313,702	436	6,366.5	8,847
Hawaii	114,211	652	1,641.5	9,371
Kauai	45,095	607	783.1	10,534
Maui	67,902	429	1,424.0	8,989

Continued on next page.

**Table 18.17-- MOTOR VEHICLE FUEL CONSUMPTION AND VEHICLE MILES, 1990 TO 2008, AND BY COUNTY, 2007 AND 2008 -- 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.

3/ Estimated from average annual vehicle miles of travel (AVMT) per vehicle.

4/ Data from Highway Performance Monitoring System (HPMS) Database.

5/ Revised from previous *Data Book*.

Source: Hawaii State Department of Transportation, Highways Division, Planning Branch, records.

**Table 18.18-- TOTAL 24-HOUR TRAFFIC VOLUMES AT SELECTED SURVEY SITES: 2006 TO 2008**

Site	Milepoint	2006	2007	2008
Oahu				
H-1 at Halawa Stream bridge	13.54	1/ 128,426	1/ 128,363	1/ 138,150
H-1 west of King St tunnel	18.77	1/ 61,382	2/ 61,608	1/ 57,000
H-1 at Kalihi interchange	19.27	(NA)	1/ 160,017	1/ 156,800
H-1 at Kapalama drainage canal bridge	20.24	(NA)	1/ 203,691	1/ 128,100
H-1 at McCully St overpass	23.56	(NA)	1/ 134,267	1/ 124,773
H-1 at Manoa-Palolo drainage canal	24.60	2/ 107,546	1/ 111,271	1/ 107,300
H-2 south of Pineapple Rd overpass	4.02	1/ 93,191	1/ 92,276	1/ 86,447
H-3 west of Kamehaha Hwy interchange	10.37	1/ 26,511	1/ 28,503	1/ 24,900
Moanalua Freeway west of Kahuapaani Steet overpass	0.21	1/ 38,500	1/ 38,885	1/ 29,800
Pali Hwy at tunnels	5.69	2/ 44,950	1/ 44,524	1/ 47,462
Kalaniana'ole Hwy east of Ainakoa Ave	18.32	2/ 85,212	1/ 84,870	1/ 75,500
Kamehameha Hwy 1.6 miles northeast of Johnson Rd	30.59	1/ 11,618	1/ 11,326	1/ 10,900
Farrington Hwy at Makaha bridge #2	12.50	1/ 20,818	2/ 20,480	1/ 19,700
Kamehameha Hwy at Kalauao bridge	20.67	1/ 58,860	1/ 56,106	1/ 53,800
Likelike Hwy at tunnels	5.74	1/ 31,073	(3/)	(3/)
Nimitz Hwy at Kapalama drainage canal bridge	3.66	1/ 61,171	(3/)	(3/)
Hawaii				
Volcano Rd at Glenwood Park	19.66	1/ 6,216	1/ 6,387	1/ 6,000
Mamalahoa Hwy at state Hwys' south Kona baseyard	104.14	1/ 7,114	1/ 7,147	1/ 7,200
Hawaii Belt Rd north of Kalaoa bridge	8.01	1/ 11,553	1/ 11,679	1/ 10,700
Queen Kaahumanu Hwy north of OTEC access Rd	93.74	1/ 22,909	1/ 23,367	1/ 21,700
Keaau-Paho Rd south of waste station Rd	1.83	1/ 26,722	1/ 27,898	1/ 27,100

Continued on next page.

**Table 18.18-- TOTAL 24-HOUR TRAFFIC VOLUMES AT SELECTED SURVEY SITES: 2006 TO 2008 -- Con.**

Site	Milepoint	2006	2007	2008
Maui				
Honoapiilani Hwy south of Kaanapali Parkway	23.58	1/ 40,787	2/ 41,001	1/ 39,100
Hana Hwy near Baldwin Park	6.28	1/ 17,200	1/ 18,105	1/ 17,088
Kauai				
Kuhio Hwy northwest of Kolo Rd and Kalamania Rd	23.56	1/ 13,515	1/ 13,982	1/ 13,684

NA Not available.

1/ Average daily traffic (ADT), the average of 24 hour counts collected a number of days greater than one, but less than a year.

2/ Annual average daily traffic (AADT), the average of 24 hour counts collected every day in the year.

3/ Location no longer used.

Source: Hawaii State Department of Transportation, Highways Division, Planning Branch, records.

**Table 18.19-- ROADWAY CONGESTION FOR THE HONOLULU  
URBANIZED AREA: 2002 TO 2005**

Subject	2002	2003	2004	2005
Population (1,000)	700	700	700	705
Urban area (square miles)	140	140	140	140
Population density (persons/square mile)	5,000	5,000	5,000	5,036
Peak travelers (1,000)	372	376	378	383
Daily vehicle-miles of travel (1,000)				
Freeway	5,775	5,930	6,000	6,015
Arterial streets	3,155	3,175	3,200	3,250
Cost components				
Value of time (\$/hour)	13.45	13.75	14.10	14.60
Commercial cost (\$/hour)	71.05	72.65	74.60	77.10
Fuel cost (\$/gallon)	1.72	2.03	2.38	2.63
Congested system (percent of lane-miles)	46	46	46	48
Number of daily rush hours 1/	6.4	6.6	6.8	6.8
Annual excess fuel consumed 2/				
Total (1,000 gallons)	4,930	5,466	5,680	6,255
Per peak traveler (gallons)	13	15	15	16
Annual delay (person-hours) 3/				
Total (1,000)	7,252	8,110	8,496	9,342
Per peak traveler 4/	20	22	22	24
Congestion cost 5/				
Total (\$ million)	116	134	145	166
Per peak traveler (\$)	313	355	383	434

1/ Time when system might have congestion.

2/ Increased fuel consumption due to travel in congested conditions rather than free-flow conditions.

3/ Travel time above that needed to complete a trip at free-flow speeds (60 mph on freeways and 35 mph on arterials).

4/ Extra time required to travel in the peak period divided by the number of travelers who begin a trip during the peak period (6 to 9 a.m. and 4 to 7 p.m.).

5/ Value of travel delay for 2005 (estimated at \$14.60 per hour of person travel and \$77.10 per hour of truck time) and excess fuel consumption (estimated using state average cost per gallon).

Source: Texas Transportation Institute, *2007 Annual Urban Mobility Report*  
<[http://mobility.tamu.edu/ums/congestion\\_data/west\\_map.stm](http://mobility.tamu.edu/ums/congestion_data/west_map.stm)> accessed May 20, 2008.

**Table 18.20-- MAJOR TRAFFIC ACCIDENTS, TRAFFIC INJURIES, AND TRAFFIC DEATHS, 1995 TO 2008, AND BY COUNTY, 2006 TO 2008**

Year	Major traffic accidents 1/		Persons injured or killed	
	Total	Fatal	Injured only	Killed
1995	16,581	118	13,088	127
1996	13,285	132	11,729	145
1997	12,445	117	11,190	131
1998	11,543	113	10,303	120
1999	10,632	90	9,604	98
2000	11,111	116	9,887	133
2001	10,870	133	8,641	141
2002	10,663	116	8,950	120
2003	11,116	117	8,928	135
2004	11,007	128	8,827	142
2005	10,591	129	8,548	140
2006	9,434	144	7,748	157
2007	2/ 8,740	123	2/ 7,091	134
2008	3/ 3,788	102	3/ 3,002	107
COUNTY: 2006				
Honolulu	6,371	81	4,909	90
Hawaii	1,586	34	1,357	34
Kauai	553	10	442	14
Maui	924	19	1,040	19
COUNTY: 2007				
Honolulu	2/ 5,831	61	2/ 4,371	67
Hawaii	2/ 1,352	34	2/ 1,195	38
Kauai	2/ 604	9	2/ 496	9
Maui	2/ 953	19	2/ 1,029	20
COUNTY: 2008				
Honolulu	3/ 3,005	41	3/ 2,312	43
Hawaii	3/ 263	29	3/ 232	29
Kauai	3/ 494	9	3/ 434	11
Maui	3/ 26	23	3/ 24	24

1/ Effective 1991, includes only accidents with damage of \$1,000 or more or causing injury or death.

Effective June 20, 1995, includes only accidents with damage of \$3,000 or more or causing injury or death.

2/ Revised from previous *Data Book*.

3/ Preliminary, as of March 11, 2009.

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: 2005 TO 2007**

[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
2005, State total	176	114	65	62	35	12	7	50	28
Hawaii	46	28	61	18	39	5	11	13	27
Honolulu	97	68	70	29	30	5	5	24	25
Kauai	11	8	71	3	29	-	-	3	29
Maui	22	10	45	12	55	2	9	10	45
2006, State total	203	131	65	72	35	14	7	58	28
Hawaii	50	30	61	20	39	2	5	17	34
Honolulu	107	73	68	34	32	5	5	29	27
Kauai	18	12	64	7	36	1	7	5	29
Maui	28	16	59	12	41	5	18	7	23
2007, State total	171	109	64	62	36	20	12	42	25
Hawaii	44	19	44	25	56	8	19	16	37
Honolulu	79	57	73	22	27	4	5	18	23
Kauai	14	8	54	6	46	5	36	1	9
Maui	34	25	72	10	28	3	8	7	20

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 January 15, 2009.

**Table 18.22-- REGISTERED TAXICABS AND BICYCLES, BY ISLAND:  
2006 TO 2008**

Island	Taxicabs 1/			Bicycles and mopeds 2/		
	2006	2007	2008	2006	2007	2008
Hawaii	165	219	200	1,357	1,662	4,819
Maui	3/ 236	3/ 242	3/ 278	3,540	4,124	3,614
Lanai	(NA)	(NA)	(NA)	30	12	23
Molokai	(NA)	(NA)	(NA)	19	11	17
Oahu	1,560	1,484	1,494	229,135	254,142	281,527
Kauai 4/	-	-	-	278	405	614

NA Not available.

1/ Taxicabs are licensed annually, except in Kauai County where registration is not required.

Maui data are for the County of Maui. Oahu data are for fiscal year July 1 to June 30.

2/ Bicycles with wheels having a diameter of 20 inches or more and all mopeds, both of which were formerly licensed on an annual basis, have, since November 1, 1988, been registered biennially; see SLH 1988, Act 264, sec. 1.

3/ Total for Maui, Lanai and Molokai; data are not available separately.

4/ As of January 1, 1999, bicycles are issued a permanent bicycle tag which is good for the life of the bicycle.

Source: Compiled by the Hawaii State Department of Business, Economic Development & Tourism. Data provided by the Department of Finance of the Counties of Hawaii, Maui and Kauai, and the Department of Customer Services of the City & County of Honolulu.

**Table 18.23-- PASSENGER CAR RENTAL AND LEASING  
(NAICS 53211): 1997 AND 2002**

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

Subject	State total	County			
		Hawaii	Honolulu	Kauai	Maui
Number of establishments:					
1997	63	11	25	(NA)	19
2002	64	13	19	10	22
Revenue (\$1,000):					
1997	347,624	45,172	154,679	(NA)	104,759
2002	478,241	70,509	208,435	61,100	138,197

NA Not available.

Source: U.S. Census Bureau, *1997 Economic Census, Real Estate and Rental and Leasing, Geographic Area Series, Hawaii*, EC97F53A-HI, (Aug. 1999), tables 1 and 3 <<http://www.census.gov/epcd/www/97EC53.HTM>>; *2002 Economic Census, Real Estate and Rental and Leasing, Geographic Area Series, Hawaii*, EC02-53A-HI, (Dec. 2004), tables 1 and 3 <[http://www.census.gov/econ/census02/guide/02EC\\_HI.HTM](http://www.census.gov/econ/census02/guide/02EC_HI.HTM)> accessed February 25, 2005.

**Table 18.24-- MOTOR CARRIER CHARACTERISTICS, BY COUNTY:  
2006 TO 2008**

[As of September]

County	Passenger carriers 1/			Property carriers 2/	
	Number of carriers	Number of vehicles	Seating capacity	Number of carriers	Number of vehicles
2006					
State total	1,935	7,622	188,022	6,471	32,488
Hawaii	201	1,162	29,990	1,241	6,322
Maui	295	1,936	47,696	1,038	4,261
Honolulu	1,294	3,853	94,058	3,552	19,552
Kauai	145	671	16,278	640	2,353
2007					
State total	2,193	7,904	192,267	7,566	35,611
Hawaii	241	1,198	30,530	1,741	6,905
Maui	369	2,005	48,746	1,246	4,705
Honolulu	1,423	4,003	96,308	3,907	21,507
Kauai	160	698	16,683	672	2,494
2008					
State total	1,552	6,599	159,272	6,271	31,860
Hawaii	253	1,258	31,450	1,422	5,688
Maui	213	1,157	27,768	936	3,744
Honolulu	1,003	3,822	91,728	3,388	20,328
Kauai	83	362	8,326	525	2,100

1/ Includes mostly tour bus operators; excludes public transit, school buses, taxicabs, and rental car companies.

2/ Includes truckers, moving companies, etc.

Source: Compiled by Hawaii State Department of Transportation, Motor Vehicle Safety Office, records.

**Table 18.25-- PUBLIC TRANSIT, FOR OAHU: 1993 TO 2008**

[As of June 30. Service provided by City and County of Honolulu bus system]

<b>Year</b>	<b>Number of buses</b>	<b>Bus mileage 1/</b>	<b>Total passengers 2/</b>	<b>Revenues (dollars)</b>
1993	470	18,120,044	75,557,318	19,837,616
1994	501	18,396,694	77,338,147	23,897,154
1995	508	19,031,466	72,745,086	25,058,736
1996	523	19,090,912	68,923,459	30,420,976
1997	524	19,452,526	68,634,884	29,804,091
1998	525	19,665,805	71,822,553	29,197,402
1999	525	19,639,602	66,236,147	27,819,265
2000	525	20,359,607	66,602,820	27,055,656
2001	529	21,710,838	70,384,025	26,963,518
2002	525	21,800,354	73,524,474	30,602,648
2003	525	21,482,533	69,100,627	30,114,566
2004 3/	536	19,380,256	61,297,980	33,652,238
2005	525	21,558,149	67,406,827	39,925,419
2006	525	21,166,957	70,384,355	41,531,437
2007	531	21,075,512	71,749,376	41,742,352
2008	540	21,536,584	69,759,954	41,984,132

1/ Estimated number of vehicle miles.

2/ Estimated number of passengers, including senior citizens and disabled.

3/ Bus strike for 34 days.

Source: City and County of Honolulu, Honolulu Public Transit Authority, records; Department of Transportation Services, records.

**Table 18.26-- BUS FARE CHRONOLOGY, FOR OAHU:  
1971 TO 2009**

[As of July 1, 2009. 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

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.

Visitor adult pass: \$20.00 for a four consecutive day period.

Senior citizen, a person 65 years of age or older:

one-way fare: \$1.00 with valid TheBus senior card or valid US Medicare card;

TheBus senior card: \$10.00 with valid State ID card, driver's license, birth certificate or passport;

monthly pass sticker: \$5.00 with valid TheBus senior card;

annual pass or renewal sticker: \$30.00 with approved application.

Person with a disability:

one-way fare: \$1.00 with valid disability bus pass, valid TheHandi-Van card or valid US Medicare card;

TheBus disability card: \$10.00 with approved application or valid US Medicare card;

monthly pass sticker: \$5.00 with valid disability bus pass;

annual pass or renewal sticker: \$30.00 with approved application or valid US Medicare card.

U-Pass, TheBus university bus pass program at reduced rates.

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 22, 2009.

**Table 18.27-- STEAM RAILROAD MILEAGE AND PASSENGERS:  
1987 TO 2007**

[The Lahaina Kaanapali & Pacific Railroad operates between Lahaina and Kaanapali on the island of Maui and the Hawaiian Railway operates in the Ewa District on the island of Oahu]

Year	Lahaina Kaanapali & Pacific Railroad		Hawaiian Railway		Year	Lahaina Kaanapali & Pacific Railroad		Hawaiian Railway	
	Miles of track	Passengers	Miles of track	Passengers		Miles of track	Passengers	Miles of track	Passengers
1987	6.0	244,555	(NA)	(NA)	1998	6.0	(NA)	6.5	19,763
1988	6.0	285,139	(NA)	(NA)	1999	6.0	281,161	7.0	14,733
1989	6.0	296,391	(NA)	(NA)	2000	(NA)	(NA)	7.0	13,962
1990	6.0	308,910	(NA)	(NA)	2001	(NA)	(NA)	7.0	14,982
1991	6.0	316,079	(NA)	(NA)	2002	(NA)	(NA)	7.0	17,882
1992	6.0	385,261	(NA)	(NA)	2003	(NA)	(NA)	7.0	15,970
1993	6.0	388,484	(NA)	(NA)	2004	(NA)	(NA)	7.0	15,013
1994	6.0	390,862	5.0	1/ 12,821	2005	(NA)	(NA)	7.0	16,069
1995	6.0	447,211	6.5	16,704	2006	(NA)	(NA)	7.0	14,869
1996	6.0	418,099	6.5	19,678	2007	(NA)	(NA)	7.0	15,808
1997	6.0	369,327	6.5	20,850					

NA Not available.

1/ Data incomplete.

Source: Lahaina Kaanapali & Pacific Railroad, records; Hawaiian Railway, records.

**Table 18.28-- AIRPORTS AND HELIPORTS, BY CONTROL,  
BY ISLAND: 2007 AND 2008**

[As of December 31]

Island	Airports 1/				Helicopters 2/	
	State 3/		Military	Semi-private	State: commercial	Semi-private
	Com-mercial	General aviation				
2007						
State total	9	7	6	1	-	6
Hawaii	2	2	1	-	-	5
Maui	2	1	-	-	-	-
Kahoolawe	-	-	-	-	-	-
Lanai	1	-	-	-	-	-
Molokai	1	1	-	-	-	-
Oahu	1	2	4	-	-	1
Kauai	1	1	1	1	-	-
Niihau	-	-	-	-	-	-
Kure Atoll 4/	1	-	-	-	-	-
2008						
State total	9	7	6	1	-	6
Hawaii	2	2	1	-	-	5
Maui	2	1	-	-	-	-
Kahoolawe	-	-	-	-	-	-
Lanai	1	-	-	-	-	-
Molokai	1	1	-	-	-	-
Oahu	1	2	4	-	-	1
Kauai	1	1	1	1	-	-
Niihau	-	-	-	-	-	-
Kure Atoll 4/	1	-	-	-	-	-

1/ Excludes private airports.

2/ Excludes military and private heliports.

3/ Three airports classified as general aviation fields (Waimea-Kohala, Hana, and Kalaupapa) provide regular air service.

4/ Owned by the U.S. Department of the Interior, Fish and Wildlife Service.

Source: Hawaii State Department of Transportation, Airports Division, records.

**Table 18.29-- HONOLULU INTERNATIONAL AIRPORT AIRCRAFT OPERATIONS AND ENPLANED PASSENGERS: 2000 TO 2007**

[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

1/ Include itinerant air carrier and air taxi only.

2/ Include air carrier, commuter and international.

3/ Ranking of top 100 FAA towers by total enplanements, 1 for highest number of passengers.

Source: U.S. Department of Transportation, Federal Aviation Administration, *Terminal Area Forecast Summary* (annual) <[http://www.faa.gov/data\\_research/aviation/taf\\_reports](http://www.faa.gov/data_research/aviation/taf_reports)> accessed June 22, 2009.

**Table 18.30-- AIRCRAFT OPERATIONS, BY TYPE OF AIRCRAFT, AT MAJOR STATE-OWNED AIRPORTS: 2006 TO 2008**

[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>
2006					
Honolulu International	317,317	187,152	61,025	54,083	15,057
Kahului	164,992	67,676	70,272	24,468	2,576
Kona International	143,411	29,232	21,685	72,968	19,526
Lihue	118,169	26,551	61,438	26,287	3,893
Hilo International	96,724	17,226	50,485	20,294	8,719
Molokai	39,685	181	27,488	10,137	1,879
Kalaeloa	145,264	-	3,102	122,319	19,843
2007					
Honolulu International	310,607	182,185	65,744	49,207	13,471
Kahului	148,034	52,172	72,935	20,237	2,690
Kona International	144,537	32,359	19,635	75,767	16,776
Lihue	116,461	25,652	55,705	30,342	4,762
Hilo International	96,011	16,393	52,935	19,378	7,305
Molokai	37,615	-	26,821	9,407	1,387
Kalaeloa	123,184	-	1,706	102,407	19,071
2008					
Honolulu International	286,593	154,125	70,279	45,562	16,627
Kahului	128,022	39,240	68,981	17,005	2,796
Kona International	127,796	27,331	19,518	70,064	10,883
Lihue	113,371	21,364	57,303	29,681	5,023
Hilo International	75,598	14,577	43,502	13,466	4,053
Molokai	31,200	-	23,405	6,601	1,194
Kalaeloa	132,327	-	679	105,865	25,783

Source: Hawaii State Department of Transportation, Airports Division, records.

**Table 18.31-- AIRCRAFT OPERATIONS FOR SPECIFIED AIRPORT:  
1991 TO 2008**

[An aircraft operation is an aircraft arrival or departure]

<b>Year</b>	<b>Honolulu Inter- national Airport</b>	<b>Hilo Inter- national Airport</b>	<b>Kona Inter- national Airport 1/</b>	<b>Kahului Airport</b>	<b>Lihue Airport</b>	<b>Molokai Airport</b>
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

1/ Formerly Keahole Airport; effective June 16, 1997, the new name is The Kona International Airport at Keahole.

Source: Hawaii State Department of Transportation, Airports Division, records.

**Table 18.32-- TRANSPACIFIC AND INTER-ISLAND AIR CARRIERS  
SERVING HAWAII: 1997 TO 2008**

[As of June 30. Includes both scheduled and nonscheduled service,  
and also commuter lines and other air taxi service]

<b>Service</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000 1/</b>	<b>2001 1/</b>	<b>2002 1/</b>
All carriers	40	40	43	42	43	44
Transpacific only	25	27	29	29	29	30
Domestic	12	12	12	13	13	13
Foreign	13	15	17	16	16	17
Transpacific and interisland	6	4	4	2	2	3
Interisland only	9	9	10	11	12	11
Passenger carriers	6	5	6	4	4	4
Cargo and mail only	3	4	4	7	8	7
<b>Service</b>	<b>2003 1/</b>	<b>2004 1/</b>	<b>2005 1/</b>	<b>2006 1/</b>	<b>2007 1/</b>	<b>2008</b>
All carriers	43	43	43	42	39	37
Transpacific only	30	32	32	32	30	28
Domestic	14	13	13	14	14	13
Foreign	16	19	19	18	16	15
Transpacific and interisland	2	2	2	2	2	2
Interisland only	11	9	9	8	7	7
Passenger carriers	4	4	4	4	3	3
Cargo and mail only	7	5	5	4	4	4

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Transportation, Airports Division, records; starting 2004 data from Official Airline Guide, records; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 18.33-- ESTIMATED SCHEDULED AIRLINE SEAT CAPACITY FOR  
ARRIVING FLIGHTS: 2006 TO 2008**

[Non-stop flights only, does not include charter flights]

<b>Airport</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
State of Hawaii	10,360,886	1/ 10,190,698	9,162,013
Honolulu International	7,285,179	7,329,370	6,584,150
Kahului	1,954,782	1,875,590	1,591,863
Kona International	661,932	576,334	538,074
Hilo International	42,175	49,875	10,850
Lihu'e	416,818	1/ 359,529	437,076
Domestic	7,566,024	1/ 7,400,072	6,670,404
International	2,794,862	2,790,626	2,491,609

1/ Revised from previous *Data Book*.

Source: Official Airline Guide, *FlightDisk Worldwide Edition*. Calculations by the Hawaii State Department of Business, Economic Development & Tourism, Tourism Research Branch. See also <<http://www.hawaii.gov/dbedt/info/visitor-stats/tourism/2008/dec08.xls>> .

**Table 18.34-- CIVIL FLYING: 1990 TO 1993 AND 1996**

Item	1990	1991	1992	1993	1996
Aircraft facilities, Dec. 31	50	48	47	47	46
Airports	34	33	32	32	30
Heliports	16	15	15	15	16
Public aircraft facilities, Dec. 31	16	17	17	18	18
Paved and lighted facilities, Dec. 31	12	12	13	13	13
Large aircraft in operation, Dec.	52	56	59	50	(NA)
Aloha Airlines	17	19	21	17	(NA)
Hawaiian Airlines	35	29	29	24	(NA)
Mid Pacific Airlines	-	8	9	9	(NA)
General aviation: 1/					
Active civil aircraft, Dec.	561	484	372	312	364
Hours flown (1,000)	278	259	176	140	155
Active personnel, Dec. 31:					
Pilots, except instructors	3,505	3,339	3,293	3,088	2,561
Flight instructors	309	350	388	360	378
Nonpilot airmen 2/	3,306	3,492	3,711	3,828	3,850

NA Not available.

1/ Aircraft based in Hawaii. Data based on small samples with large standard errors (in 1996, 34.6 percent for aircraft and 52.3 percent for hours).

2/ Mechanics, parachute riggers, ground instructors, dispatchers, flight navigators, and flight engineers.

Source: U.S. Department of Transportation, Federal Aviation Administration, *FAA Statistical Handbook of Aviation* (annual).

**Table 18.35-- SELECTED STATISTICS FOR ALOHA AND HAWAIIAN  
AIRLINES: 2006 AND 2007**

Subject	Aloha Airlines		Hawaiian Airlines	
	2006	2007	2006	2007
Operating aircraft (year-end)	24	24	29	29
Employees (full-time equivalents)	2,649	2,736	3,064	3,105
Aircraft departures 1/	55,701	58,000	53,126	57,000
Passengers enplaned (1,000) 2/	3,470	3,890	6,157	7,051
Revenue passenger miles (million) 2/	1,813	1,916	6,832	7,922
Cargo revenue ton miles (million) 1/	8	9	73	70
Revenues (\$million)				
Passenger 2/	309	(NA)	797	(NA)
Operating 1/	395	(NA)	882	(NA)
Profit/loss (\$million)				
Operating 1/	-26	(NA)	12	(NA)
Net 3/	-42	(NA)	-5	(NA)
Operating results (\$million) 1/				
Revenues	(NA)	390	(NA)	983
Earnings	(NA)	-72	(NA)	11
Net results (\$million) 1/				
Earnings 4/	(NA)	-85	(NA)	11

NA Not available.

1/ All services.

2/ Scheduled services only.

3/ All services. Excludes bankruptcy-related charges (reorganization expenses and fresh-start accounting gains).

4/ Net profit excludes bankruptcy-related charges (reorganization expenses and fresh-start accounting gains).

Source: Air Transport Association, Annual Reports of the U.S. Airline Industry, *ATA Economic Report* (annual) <[http://www.airlines.org/economics/review\\_and\\_outlook/annual+reports.htm](http://www.airlines.org/economics/review_and_outlook/annual+reports.htm)> accessed May 4, 2009.

**Table 18.36-- RANK OF HAWAII LOCATIONS AMONG THE TOP DOMESTIC AIRLINE MARKETS: 2001 TO 2007**

[Includes all commercial airports in a metropolitan area. Outbound plus inbound; does not include connecting passengers]

Rank	Origin or destination	Passengers (1,000)
2001 1/		
6	Honolulu - Kahului	2,120
13	Honolulu - Lihue	1,528
21	Honolulu - Kona	1,218
25	Honolulu - Hilo	1,132
2002 1/		
6	Honolulu - Kahului	2,019
13	Honolulu - Lihue	1,430
20	Honolulu - Kona	1,263
25	Honolulu - Hilo	1,103
2003 1/		
6	Honolulu - Kahului	1,791
21	Honolulu - Lihue	1,220
24	Honolulu - Kona	1,165
2004 1/		
13	Honolulu - Kahului	1,632
2005 1/		
16	Honolulu - Kahului	1,534
2006 2/		
12	Honolulu - Kahului	1,677
33	Honolulu - Lihue	1,142
35	Honolulu - Kona	1,113
39	Honolulu - Hilo	1,052
2007 2/		
7	Honolulu - Kahului	2,660
22	Honolulu - Lihue	1,847
26	Honolulu - Kona	1,771
29	Honolulu - Hilo	1,694

1/ Top 25 U.S. city pairs.

2/ Top 40 U.S. city pairs.

Source: Air Transport Association, Annual Reports of the U.S. Airline Industry, *ATA Economic Report* (annual) <[http://www.airlines.org/economics/review\\_and\\_outlook/annual+reports.htm](http://www.airlines.org/economics/review_and_outlook/annual+reports.htm)> accessed May 4, 2009.

**Table 18.37-- OVERSEAS AND INTER-ISLAND AIR PASSENGER  
MOVEMENTS: 1988 TO 2008**

[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

1/ At airports in Honolulu, Kahului, Kona, Lihue and Hilo.

Source: Hawaii State Department of Transportation, Airports Division, records.

**Table 18.38-- PASSENGERS, CARGO, AND MAIL, OVERSEAS AND INTERISLAND, BY AIRPORT: 2008**

Airport	Passengers 1/		Cargo (U.S. tons)		Mail (U.S. tons)	
	Departures	Arrivals	Outgoing	Incoming	Outgoing	Incoming
<b>OVERSEAS</b>						
Total	8,027,546	8,015,424	119,324	200,612	27,593	58,222
Honolulu	5,868,997	5,778,993	109,506	186,750	25,882	50,147
Kahului	1,345,248	1,363,813	3,674	9,113	988	4,737
Kona 3/	439,874	493,349	6,061	4,352	722	3,337
Lihue	366,085	371,638	83	398	-	-
Hilo	7,342	7,631	-	-	-	-
<b>INTERISLAND</b>						
Total	7,707,047	7,707,047	63,188	63,188	17,803	17,803
Honolulu	3,541,335	3,619,778	41,223	21,552	15,846	1,932
Kahului	1,381,700	1,373,026	4,019	10,285	875	7,651
Kona 2/	953,275	873,049	3,010	7,718	12	3,842
Lihue	940,322	931,990	3,689	9,859	305	1,004
Hilo	661,595	676,240	10,662	11,561	229	2,054
Waimea-Kohala	407	442	-	-	364	898
Hana	1,462	1,575	-	4	-	-
Kapalua	59,939	59,624	266	679	2	-
Molokai	106,988	110,268	204	730	132	276
Kalaupapa	3,135	4,283	13	180	5	15
Lanai	56,889	56,772	101	620	33	131
Princeville 3/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available.

1/ Revenue and non-revenue passengers, excluding passengers in transit and Military Airlift Command (MAC).

2/ Formerly Keahole Airport.

3/ Leased by the State of Hawaii. Data not available beginning with 2008.

Source: Hawaii State Department of Transportation, Airports Division, records.

**Table 18.39-- AIR CARGO AND AIRMAIL: 1989 TO 2008**

[In thousands of pounds]

Calendar year	Overseas air cargo		Overseas airmail		Interisland	
	Outgoing	Incoming	Outgoing	Incoming	Air cargo: outgoing & incoming	Airmail: outgoing & incoming
1989	313,402	301,674	28,258	33,542	146,960	20,706
1990	295,326	337,724	32,022	38,198	145,418	22,848
1991	306,376	342,032	33,658	44,281	144,104	23,673
1992	305,224	305,658	39,268	66,052	153,912	25,594
1993	307,302	255,516	52,324	112,970	147,054	26,406
1994	339,086	308,962	47,921	121,964	148,904	27,964
1995	336,764	276,416	49,056	118,098	149,174	27,646
1996	355,466	296,856	48,654	114,408	160,784	29,572
1997	424,990	363,598	51,212	110,336	173,154	31,272
1998	508,858	311,196	56,902	107,039	140,034	40,548
1999	414,678	359,426	61,410	110,975	138,368	47,786
2000	359,762	320,502	59,480	110,396	142,380	60,768
2001	242,956	204,588	50,680	102,582	150,074	42,866
2002	320,952	335,252	51,492	98,266	148,104	30,138
2003	392,530	368,656	72,564	93,030	146,188	34,916
2004	304,544	403,002	55,330	88,069	145,364	41,995
2005	298,381	409,956	60,351	101,662	144,955	48,445
2006	270,910	404,195	69,827	115,104	138,670	37,538
2007	262,473	428,361	62,718	117,636	140,212	35,117
2008	238,648	401,225	55,186	116,443	126,376	35,606

Source: Hawaii State Department of Transportation, Airports Division, records.

**Table 18.40-- NON-STOP FLIGHTS TO DEPART STATE OF HAWAII,  
BY DESTINATION: JULY 2008**

[Transpacific flights to depart from the State of Hawaii during a one-week period,  
including scheduled and chartered flights]

<b>Destination</b>	<b>Flights during week</b>	<b>Destination</b>	<b>Flights during week</b>
Transpacific	767	Canada	18
		Vancouver	18
U.S.	610	Japan	89
West	526	Nagoya	7
Anchorage	2	Osaka	14
Denver	16	Tokyo	68
Las Vegas	14	Other Asia	9
Los Angeles	217	Seoul	7
Oakland	7	Taipei	2
Phoenix	49	Oceania	15
Portland	21	Auckland	3
Sacramento	7	Sydney	12
Salt Lake City	14	Other	26
San Diego	15	Christmas Island	1
San Francisco	105	Guam	7
San Jose	7	Majuro	5
Seattle	52	Manila	7
East	84	Nadi	2
Atlanta	14	Pago Pago	3
Chicago	21	Papeete	1
Dallas / Fort Worth	21		
Houston	14		
Minneapolis	7		
New York	7		

Source: Official Airline Guide, records; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 18.41-- ONE-WAY FARES FOR INTER-ISLAND FLIGHTS BY  
HAWAIIAN AIRLINES: 2004 TO 2008**

[As of July 1]

<b>Category</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Regular fare	139.60	144.70	167.80	182.90	170.00
Lowest capacity-controlled fare	81.60	91.70	44.80	44.90	1/ 70.00

1/ Normal fare. Short-term special fares were also offered.

Source: Hawaiian Airlines, records.

**Table 18.42-- ANNUAL AVERAGE ROUND TRIP AIR FARES BETWEEN HONOLULU AND SELECTED DESTINATIONS: 2002 TO 2008**

[Annual average, direct round-trip airfare in dollars, includes all airlines, includes all classes, excludes non-revenue passengers]

<b>Year</b>	<b>Los Angeles</b>	<b>San Francisco</b>	<b>Las Vegas</b>	<b>Portland, Oregon</b>	<b>Seattle</b>	<b>Dallas/Fort Worth</b>	<b>Chicago</b>
2002	277	292	276	214	308	259	284
2003	280	280	189	262	312	261	234
2004	285	293	202	256	284	241	261
2005	300	301	254	249	290	267	333
2006	288	291	270	283	326	290	363
2007	301	298	275	279	300	280	366
2008	347	355	321	304	324	352	427

Source: Sabre Airline Solutions, *Sabre, Airport Data Intelligence, Segment Traffic Statistics*.

**Table 18.43-- STATE COMMERCIAL HARBORS: 2008**

Island and harbor	Harbor entrance depth (feet)	Harbor basin			Piers (linear feet)	Storage area (1,000 square feet)	
		Depth (feet)	Length (feet)	Width (feet)		Shedded	Open
Hawaii:							
Hilo	35	35	2,300	1,400	2,749	122	906
Kawaihae	40	35	1,500	1,450	1,627	23	680
Maui:							
Kahului	35	35	2,400	2,050	3,319	44	1,401
Molokai:							
Kaunakakai	23	23	1,500	600	691	7.4	125
Lanai:							
Kaunapala	60	20-60	(NA)	(NA)	400	-	100
Oahu:							
Honolulu Main	} 45	40	{ 3,300	1,520	} 29,872	1,298	9,031
Kapalama			{ 3,400	1,000			
Kalaheo							
Barbers Point	42	38	2,100	1,800	2,990	36	1,838
Kauai:							
Nawiliwili	40	35	1,950	1,540	2,216	76	1,372
Port Allen	35	35	1,500	1,200	1,200	35	32

NA Not available.

Source: Hawaii State Department of Transportation, Harbors Division, records.

**Table 18.44-- HARBOR DEPTHS: 2007**

[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 2007, Part 4 Waterways and Harbors Pacific Coast, Alaska and Hawaii, Section 1 Freight Traffic* <<http://www.iwr.usace.army.mil/ndc/wcsc/wcsc.htm>> accessed July 1, 2009.

**Table 18.45-- SMALL CRAFT MOORING FACILITIES,  
BY ISLAND: DECEMBER 31, 2008**

Island	Catwalks and piers		Other mooring areas		Offshore mooring	
	Capacity	Moored	Capacity	Moored	Capacity	Moored
State total	1,838	1,572	214	182	1/ 539+	444
Hawaii	378	345	30	21	1/ 100+	94
Maui	188	187	-	-	150	105
Oahu	1,147	916	168	145	1/ 250+	231
Kauai	125	124	16	16	39	14

1/ '+' means equal to or greater (=>) than the number shown.

Source: Hawaii State Department of Land and Natural Resources, Division of Boating and Ocean Recreation, records.

**Table 18.46-- LIGHTHOUSES AND RELATED FACILITIES, BY ISLAND:  
DECEMBER 2006**

[Includes all lights, day beacons, buoys, and similar aids to navigation in the Hawaiian Archipelago]

Island	Number of aids to navigation				Lighthouses	Greatest nominal range (naut. miles)	Highest above--	
	By control			Sea level (feet)			Ground (feet)	
	Total	Federal	Other 1/					
Total	764	448	316	17	2/ 25	3/ 931	4/ 138	
Hawaii	75	57	18	6	24	156	115	
Maui	70	26	44	2	15	186	48	
Molokini	1	1	-	-	7	182	30	
Kahoolawe	1	1	-	-	7	120	20	
Lanai	9	9	-	-	8	91	13	
Molokai	28	11	17	1	21	321	138	
Oahu	294	158	136	4	25	931	71	
Kauai	58	28	30	4	24	174	80	
Niihau	-	-	-	-	-	-	-	
Lehua	1	1	-	-	7	704	-	
Midway	19	19	-	-	-	51	38	
At sea	208	137	71	-	-	-	-	

1/ State and private. Includes State-maintained fish aggregating buoys at sea.

2/ Kaena Point Light and Kilauea Light.

3/ Kaena Point Light.

4/ Molokai Light.

Source: United States Coast Guard, Fourteenth Coast Guard District, records.

**Table 18.47-- UNDOCUMENTED VESSEL REGISTRATION:  
DECEMBER 31, 2008**

Subject	Number	Subject	Number
Registered vessels	16,744	Type of vessel:	
Length		Aux. powered sailing vessel	1,188
Under 16 feet	6,424	Cabin motorboat	2,782
16 to less than 26 feet	8,138	Open motorboat	6,328
26 to less than 40 feet	1,914	Runabout	2,653
40 to 65 feet	256	Sail only	728
Over 65 feet	12	Houseboat	5
Hull material		Motor vessel over 65 feet in length	14
Aluminum	554	Thrill craft	2,031
Fiberglass / plastic	14,521	Other	1,015
Rubber / fabric	758	Uses:	
Wood	710	Pleasure	15,404
Other	158	Commercial fishing	370
Steel	43	Charter fishing	17
Unknown	-	Commercial passenger	267
Propulsion		Other commercial	148
Inboard	6,212	Livery	136
Outboard	4,125	Dealer	15
Inboard / outboard	2,207	Manufacturer	4
Sail / inboard	691	Youth group - fee exempt	70
Sail / outboard	571	Government - fee exempt	285
Sail only	614	Other	28
Manual	125	Island where vessel is kept:	
Other	82	Hawaii	2,876
Unknown	-	Kauai	1,718
Waterjet	2,117	Lanai	90
Mooring location		Maui	1,999
Moored on water	3,512	Molokai	237
Moored on land	13,232	Oahu	9,824
Not disclosed	-	Not specified	-

Source: Hawaii State Department of Land and Natural Resources, Division of Boating and Ocean Recreation, *State of Hawaii Report of Undocumented Vessel Registration* (annual).

**Table 18.48-- NUMBERED VESSELS REGISTERED IN HAWAII:  
1997 TO 2008**

[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>
1997	15,138	2003	15,587
1998	15,138	2004	17,130
1999	15,481	2005	15,302
2000	14,874	2006	15,015
2001	14,273	2007	15,094
2002	15,445	2008	16,744

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 18.49-- BOATING ACCIDENTS: 1991 TO 2008**

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

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 18.50-- VESSEL ARRIVALS, BY DRAFT: 2006 AND 2007**

[Excludes domestic fishing craft]

Harbor	2006			2007		
	Total	18 feet and less	19 feet and more	Total	18 feet and less	19 feet and more
Hilo	984	667	317	1,014	659	355
Kawaihae	809	798	11	665	633	32
Kahului	1,426	1,143	283	1,506	1,150	356
Barbers Point	1,329	1,187	142	1,236	1,093	143
Honolulu	4,181	3,290	891	4,212	3,279	933
Nawiliwili	805	627	178	811	584	227
Kalaupapa 1/	3	3	-	3	3	-
Kaunakakai	273	2/ 273	-	248	(NA)	(NA)
Port Allen	3/ 30	(NA)	(NA)	33	33	-

NA Not available.

1/ 14 feet and less.

2/ 17 feet and less.

3/ 24 feet and less.

Source: U.S. Army Corps of Engineers, Institute for Water Resources, *Waterborne Commerce of the United States Calendar Year 2006, Part 4 Waterways and Harbors Pacific Coast, Alaska and Hawaii, Section 2 Trips and Drafts of Vessels*; *Waterborne Commerce of the United States Calendar Year 2007, Part 4 Waterways and Harbors Pacific Coast, Alaska and Hawaii, Section 2 Trips and Drafts of Vessels* <<http://www.iwr.usace.army.mil/ndc/wcsc/wcsc.htm>> accessed July 1, 2009.

**Table 18.51-- SHIP ARRIVALS AND CARGO TONNAGE AT THE PORT OF HONOLULU: 1985 TO 2008**

[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

NA Not available.

1/ As of fiscal year 2004, cargo tonnage does not include tonnage for bunkering, that is fuel for the use of the vessel to which the fuel is delivered.

Source: Hawaii State Department of Transportation, Harbors Division, records.

**Table 18.52-- CRUISE SHIP PASSENGER ARRIVALS AND DEPARTURES,  
FOR HONOLULU HARBOR: 2003 TO 2008**

[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>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
In	222,139	177,701	250,733	342,333	469,054	390,274
Out	219,038	175,382	253,104	363,165	487,063	388,300

Source: Hawaii State Department of Transportation, Harbors Division, records.

**Table 18.53-- WATERBORNE COMMERCE FOR SPECIFIED HARBORS:  
1993 TO 2007**

[In 1,000 short tons. Excludes cargo carried by Army and Navy vessels and cargo in transit]

<b>Year</b>	<b>Hilo</b>	<b>Kawaihae</b>	<b>Kahului</b>	<b>Barbers Point</b>	<b>Honolulu</b>	<b>Nawiliwili</b>
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	1/ 6,658	1/ 13,723	938
1999	1,701	1,090	3,513	1/ 8,707	1/ 12,259	1,348
2000	1,651	1,310	3,477	1/ 6,778	1/ 15,501	1,581
2001	1,680	1,378	3,695	1/ 6,079	1/ 16,562	1,478
2002	1,765	1,645	3,458	1/ 5,990	1/ 16,636	1,619
2003	1,850	1,801	3,778	1/ 5,930	1/ 17,836	1,721
2004	1,850	2,277	3,901	1/ 6,086	1/ 19,085	1,757
2005	1,996	2,217	4,132	1/ 6,344	1/ 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

1/ Revised from previous *Data Book*.

Source: U.S. Army Corps of Engineers, Institute for Water Resources, *Waterborne Commerce of the United States Calendar Year 2007, Part 4 Waterways and Harbors Pacific Coast, Alaska and Hawaii, Section 1 Freight Traffic* <<http://www.iwr.usace.army.mil/ndc/wcsc/wcsc.htm>> accessed July 1, 2009.

**Table 18.54-- WATERBORNE COMMERCE, FOREIGN AND DOMESTIC,  
FOR SPECIFIED HARBORS: 2007**

[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	2,782	2,558	5,630	11,295	17,582	2,333
Foreign						
Inbound	54	-	69	8,676	1/ 778	3
Outbound	-	-	-	268	359	-
Canadian						
Inbound	-	-	-	315	17	-
Outbound	-	-	-	-	-	-
Domestic						
Coastwise	2,728	2,558	5,561	2,036	16,423	2,330
Receipts	1,743	1,398	3,272	447	9,040	1,434
Shipments	985	1,160	2,289	1,589	7,383	896
Internal, inbound, upbound	-	-	-	-	5	-

1/ Includes 2,803 tons of foreign inbound in-transits.

Source: U.S. Army Corps of Engineers, Institute for Water Resources, *Waterborne Commerce of the United States Calendar Year 2007, Part 4 Waterways and Harbors Pacific Coast, Alaska and Hawaii, Section 1 Freight Traffic* <<http://www.iwr.usace.army.mil/ndc/wcsc/wcsc.htm>> accessed July 1, 2009.

**Table 18.55-- WATERBORNE COMMERCE, BY SELECTED COMMODITIES,  
FOR SPECIFIED HARBORS: 2007**

[In 1,000 short tons. Categories may not sum to totals due to rounding]

Port and commodity	All commodities	Foreign		Canadian		Domestic			
		Inbound	Outbound	Inbound	Outbound	Total	Coastwise		Internal 1/
							Receipts	Shipments	
Hilo	2,782	54	-	-	-	2,728	1,743	985	-
Petroleum and petroleum products	525	5	-	-	-	520	515	4	-
Primary manufactured goods	1,679	20	-	-	-	1,659	831	828	-
Food and farm products	144	-	-	-	-	143	105	38	-
Manufactured equipment, machinery and products	334	1	-	-	-	334	245	89	-
Kawaihae	2,558	-	-	-	-	2,558	1,398	1,160	-
Petroleum and petroleum products	1	-	-	-	-	1	1	-	-
Primary manufactured goods	1,878	-	-	-	-	1,878	938	941	-
Food and farm products	256	-	-	-	-	256	144	112	-
Manufactured equipment, machinery and products	357	-	-	-	-	357	262	95	-
Kahului	5,630	69	-	-	-	5,561	3,272	2,289	-
Petroleum and petroleum products	602	4	-	-	-	599	595	4	-
Primary manufactured goods	3,848	-	-	-	-	3,848	1,953	1,895	-
Food and farm products	365	-	-	-	-	365	216	150	-
Manufactured equipment, machinery and products	638	-	-	-	-	638	422	216	-
Barbers Point	11,295	8,676	268	315	-	2,036	447	1,589	-
Petroleum and petroleum products	9,234	7,423	150	-	-	1,661	261	1,400	-
Primary manufactured goods	789	529	13	-	-	247	62	185	-
Manufactured equipment, machinery and products	1	-	-	-	-	-	-	-	-
Honolulu	17,582	2/ 778	359	17	-	16,428	9,040	7,383	5
Petroleum and petroleum products	824	502	161	-	-	162	83	80	-
Primary manufactured goods	9,377	36	32	-	-	9,309	4,733	4,576	-
Food and farm products	2,182	65	52	8	-	2,056	1,233	822	-
Manufactured equipment, machinery and products	4,386	81	8	-	-	4,297	2,672	1,625	-

Continued on next page.

**Table 18.55-- WATERBORNE COMMERCE, BY SELECTED COMMODITIES,  
FOR SPECIFIED HARBORS: 2007 -- Con.**

Port and commodity	All commodities	Foreign		Canadian		Domestic			
		Inbound	Outbound	Inbound	Outbound	Total	Coastwise		Internal 1/
							Receipts	Shipments	
Nawiliwili	2,333	3	-	-	-	2,330	1,434	896	-
Petroleum and petroleum products	92	3	-	-	-	89	89	-	-
Primary manufactured goods	1,647	-	-	-	-	1,647	939	708	-
Food and farm products	161	-	-	-	-	161	95	65	-
Manufactured equipment, machinery and products	371	-	-	-	-	371	267	104	-

1/ Includes internal, inbound and upbound.

2/ Includes 2,803 tons of foreign inbound in-transits.

Source: U.S. Army Corps of Engineers, Institute for Water Resources, *Waterborne Commerce of the United States Calendar Year 2007, Part 4 Waterways and Harbors Pacific Coast, Alaska and Hawaii, Section 1 Freight Traffic* <<http://www.iwr.usace.army.mil/ndc/wcsc/wcsc.htm>> accessed July 1, 2009.

**Table 18.56-- TRANSPORTATION AND WAREHOUSING, EMPLOYMENT AND WAGES (NAICS 48-49), SELECTED CODES: 2007**

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

NAICS code	Kind of business	Average establishments	Annual average employment	Total annual wages (\$1,000)	Annual wages per employee
	Total	1,033	29,968	1,147,559	38,293
481	Air transportation	84	9,802	393,155	40,108
4811	Scheduled air transportation	57	9,528	378,969	39,775
483	Water transportation	25	4,598	195,568	42,535
484	Truck transportation	228	3,429	133,717	38,999
4841	General freight trucking	100	1,835	73,645	40,130
4842	Specialized freight trucking	128	1,594	60,072	37,696
485	Transit & ground passenger transp.	121	2,181	43,941	20,149
4854	School & employee bus transp.	20	1,021	19,004	18,614
4859	Other ground passenger transp.	43	792	16,694	21,087
48599	Other ground passenger transp.	43	792	16,694	21,087
485991	Special needs transportation	17	166	4,150	24,935
487	Scenic & sightseeing transportation	212	3,811	109,262	28,670
4871	Scenic & sightseeing transp., land	42	1,584	41,622	26,285
4872	Scenic & sightseeing transp., water	146	1,732	46,567	26,894
488	Support activities for transportation	239	3,808	187,368	49,210
4881	Support activities for air transp.	61	1,614	60,304	37,369
4883	Support activities for water transp.	36	1,214	95,627	78,803
48832	Marine cargo handling	9	1,021	85,414	83,664
4885	Freight transportation arrangement	86	521	21,283	40,850
492	Couriers & messengers	66	1,508	54,846	36,372
4921	Couriers and express delivery services	35	1,312	49,936	38,049
4922	Local messengers and local delivery	31	196	4,910	25,116
493	Warehousing & storage	53	812	29,162	35,902
4931	Warehousing & storage	53	812	29,162	35,902
49311	General warehousing & storage	42	659	22,570	34,258

Source: U.S. Department of Labor, Bureau of Labor Statistics, *Employment and Wages, Annual Averages 2007*, table 10 <<http://www.bls.gov/cew/cewbultn07.htm>> accessed July 2, 2009.

**Table 18.57-- SHIPMENT CHARACTERISTICS BY STATES OF ORIGIN AND DESTINATION: 2002**

Characteristics	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
Total originating in Hawaii	13,480	23,659	(1/)
Destination			
Hawaii	12,798	22,440	957
California	340	(1/)	(1/)
Oregon	10	(1/)	(1/)
Washington	49	(1/)	(1/)
Mode of transportation			
Single modes			
Truck	7,484	11,494	127
Water	(1/)	547	108
Air (includes truck and air)	362	13	12
Pipeline 2/	1,437	6,919	(1/)
Multiple modes			
Parcel, U.S. Postal Service or courier	853	25	13
Truck and water	946	2,783	(1/)
Other multiple modes	325	1,452	124
Other and unknown modes	569	429	18
Distance shipped (miles)			
Less than 50	9,856	19,372	185
50 to 99	1,032	844	134
100 to 249	1,882	1,272	234
250 to 499	25	952	405
500 to 1,999	-	-	-
2,000 or more	684	(1/)	(1/)
Commodity 3/			
Meat, fish, seafood, and their preparations	228	50	(1/)
Other prepared foodstuffs and fats and oils	1,094	1,046	581
Gasoline and aviation turbine fuel	1,899	6,294	405
Fuel oils	1,203	5,671	172
Pharmaceutical products	763	(1/)	-
Printed products	201	42	(1/)
Textiles, leather, and articles of textiles or leather	752	27	(1/)
Electronic and other electrical equipment and components and office equipment	692	40	6

1/ Estimates do not meet publication standards because of sampling variability or poor response quality.

2/ Estimates exclude shipments of crude petroleum.

3/ Based on the Standard Classification of Transported Goods (SCTG) coding system.

Source: U.S. Census Bureau, 2002 *Economic Census, Transportation, 2002 Commodity Flow Survey, Hawaii*, EC02TCF-HI (December 2004), tables 1a, 3, 6 and 7

<<http://www.census.gov/svsd/www/02statepdf.html>> accessed July 19, 2005.

## Section 19

# AGRICULTURE

This section presents statistics on agricultural land, farms, crops, livestock, dairy products, poultry, and aquaculture. Related information appears in Sections 6 (land use), 12 and 15 (agricultural employment and earnings), and 22 (food processing).

Important sources for data on agriculture include the *United States Census of Agriculture*, most recently published for 2007, the annual report on *Statistics of Hawaii Agriculture* issued by the Hawaii Agricultural Statistics Service, and data compiled by the former Hawaiian Sugar Planters' Association, now the Hawaii Agriculture Research Center, and the Aquaculture Development Program of the Hawaii State Department of Agriculture. Agricultural data for earlier years are summarized in *Historical Statistics of Hawaii*, Section 13. National statistics appear in Section 17 of the *Statistical Abstract of the United States: 2009*.

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

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Narrative

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**Table 19.01-- FARMS, LAND IN FARMS, AND SELECTED ITEMS:  
2002 AND 2007**

Item	Unit	2002	2007
Farms	number	5,398	7,521
Land in farms	acres	1,300,499	1,121,329
Average size of farm	acres	241	149
Value of land and buildings: 1/			
Average per farm	dollars	842,875	1,146,213
Average per acre	dollars	3,507	7,688
Estimated market value of all machinery and equipment: 1/			
Total	\$1,000	186,163	304,997
Average per farm	dollars	35,568	40,666
Farms by size:			
1 to 9 acres		3,440	4,813
10 to 49 acres		1,309	1,972
50 to 179 acres		335	423
180 to 499 acres		146	154
500 to 999 acres		61	44
1,000 acres or more		107	115
Total cropland	farms	4,755	6,281
	acres	211,120	177,626
Harvested cropland	farms	4,522	6,044
	acres	109,461	103,120
Irrigated land	farms	2,231	2,810
	acres	69,194	58,635
Market value of agricultural products sold	\$1,000	533,423	513,626
Average per farm	dollars	98,819	68,292
Crops, including nursery and greenhouse crops	\$1,000	445,356	429,916
Livestock, poultry, and their products	\$1,000	88,067	83,711
Farms by value of sales:			
Less than \$2,500		1,407	2,932
\$2,500 to \$4,999		714	1,012
\$5,000 to \$9,999		916	996
\$10,000 to \$24,999		1,056	1,143
\$25,000 to \$49,999		506	557
\$50,000 to \$99,999		314	353
\$100,000 or more		485	528

Continued on next page.

**Table 19.01-- FARMS, LAND IN FARMS, AND SELECTED ITEMS:  
2002 AND 2007 -- Con.**

Item	Unit	2002	2007
Farm by type of organization:			
Family or individual		4,629	6,363
Partnership		225	437
Corporation		472	617
Other-cooperative, estate or trust, institutional, etc		72	104
Operators by days worked off farm:			
None		2,786	1,903
Any		2,612	5,618
200 days or more		1,661	2,827
Operators by principal occupation:			
Farming		3,125	3,861
Other		2,273	3,660
Average age of principal operator	years	56.5	58.6
Total farm production expenses 1/	\$1,000	450,946	486,648
Livestock and poultry:			
Cattle and calves inventory	farms	748	1,142
	number	154,308	151,479
Beef cows	farms	578	853
	number	83,277	86,000
Milk cows	farms	27	15
	number	6,465	2,296
Cattle and calves sold	farms	550	713
	number	60,739	70,567
Hogs and pigs inventory	farms	204	225
	number	23,364	14,933
Hogs and pigs sold	farms	158	148
	number	33,231	20,569
Broilers and other meat-type chickens sold	farms	17	7
	number	881,112	(D)

Continued on next page.

**Table 19.01-- FARMS, LAND IN FARMS, AND SELECTED ITEMS:  
2002 AND 2007 -- Con.**

Item	Unit	2002	2007
Selected crops harvested:			
Corn for grain	farms	12	14
	acres	4,383	3,115
	bushels	203,391	124,878
Sugarcane for sugar	farms	2	9
	acres	(D)	(D)
	tons	(D)	(D)
Pineapples harvested	farms	34	42
	acres	10,211	(D)
	tons	314,626	(D)
Vegetables harvested 2/	farms	633	901
	acres	6,554	6,845
Potatoes	farms	11	15
	acres	6	7
Sweet potatoes	farms	59	94
	acres	294	297
Land in orchards	farms	2,833	4,443
	acres	34,908	36,652

D Withheld to avoid disclosing data for individual farms.

1/ Data are based on a sample of farms.

2/ Data for 2002 do not include potatoes, sweet potatoes, or ginseng.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *2007 Census of Agriculture, Vol.1, Part 11, Hawaii* (February 2009), Table 1. Historical Highlights: 2007 and Earlier Census Years, pp. 7-8.

**Table 19.02-- FARMS AND LAND IN FARMS, BY COUNTY: 2007**

Item	Unit	Hawaii	Honolulu	Kauai	Maui
Farms	number	4,650	967	748	1,156
Land in farms	acres	683,819	60,408	151,534	225,568
Average size of farm	acres	147	62	203	195
Value of land and buildings: 1/					
Average per farm	dollars	1,022,976	1,106,333	1,259,559	1,601,950
Average per acre	dollars	6,956	17,710	6,217	8,210
Estimated market value of all machinery and equipment: 1/					
Average per farm	dollars	31,981	61,269	49,828	52,480
Farms by size:					
1 to 9 acres		2,865	699	483	766
10 to 49 acres		1,314	177	192	289
50 to 179 acres		289	58	28	48
180 to 499 acres		95	18	20	21
500 to 999 acres		27	2	4	11
1,000 acres or more		60	13	21	21
Total cropland	farms	3,909	793	604	975
	acres	81,837	18,896	22,336	54,557
Harvested cropland	farms	3,762	778	576	928
	acres	56,310	9,518	10,764	26,528
Irrigated land	farms	1,166	607	387	650
	acres	8,097	8,437	14,074	28,027
Market value of agricultural products sold	\$1,000	202,572	126,577	45,151	139,326
Average per farm	dollars	43,564	130,897	60,362	120,524
Crops, including nursery and greenhouse crops	\$1,000	150,251	106,836	40,771	132,058
Livestock, poultry, and their products	\$1,000	52,322	19,742	4,380	7,268

1/ Data are based on a sample of farms.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *2007 Census of Agriculture, Vol.1, Part 11, Hawaii* (February 2009), Table 1. County Summary Highlights: 2007, p.232.

**Table 19.03-- NUMBER OF FARMS, FARM ACREAGE, AND FARM EMPLOYMENT: 1980 TO 2007**

Year	Number of farms 1/	Farm acreage 2/ (1,000)	Farm employment 3/		
			Self-employed farm operators	Unpaid family members	Hired workers
1980	4,300	1,970	3,400	1,100	10,550
1981	4,400	1,965	3,100	900	10,500
1982	4,500	1,960	2,600	1,300	13,000
1983	4,500	1,900	2,500	1,500	13,000
1984	4,600	1,850	2,200	1,300	11,800
1985	4,600	1,800	2,200	1,200	10,600
1986	4,600	1,750	2,050	1,200	9,700
1987	4,650	1,720	2,600	1,100	10,700
1988	4,650	1,720	2,600	1,100	10,300
1989	4,650	1,720	2,400	1,100	9,800
1990	4,700	1,680	2,500	1,000	9,600
1991	4,700	1,630	3,100	1,100	9,600
1992	4,800	1,590	3,100	1,300	9,500
1993	5,200	1,560	2,800	1,100	8,700
1994	5,300	1,530	2,700	1,200	8,100
1995	5,300	1,470	2,700	1,000	7,300
1996	5,400	1,440	2,700	1,000	7,400
1997	5,500	1,440	2,700	1,200	7,000
1998	5,500	1,440	2,700	1,200	7,400
1999	5,500	1,420	3,000	1,200	7,600
2000	5,500	1,380	3,100	1,000	7,800
2001	5,500	1,350	3,300	1,100	7,400
2002	5,500	1,320	4/ 3,000	4/ 1,100	7,500
2003	5,500	1,300	(NA)	(NA)	7,300
2004	5,500	1,300	(NA)	(NA)	7,300
2005	5,500	1,300	(NA)	(NA)	7,000
2006	5,500	1,300	(NA)	(NA)	7,000
2007	7,500	1,120	(NA)	(NA)	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/ Beginning July 2002, estimates for self-employed and unpaid workers have been discontinued due to a change in the national labor statistics program. 2002 data are the average of January and April estimates.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual); and <[http://www.nass.usda.gov/hi/stats/t\\_of\\_c.htm](http://www.nass.usda.gov/hi/stats/t_of_c.htm)> accessed April 20, 2009.

**Table 19.04-- VALUE OF CROP AND LIVESTOCK SALES: 1980 TO 2007**

[Thousands of dollars]

Year	All crops and livestock	Crops				Livestock
		All crops 1/	Sugar (unprocessed cane)	Pine-apples (fresh equiv.)	Other crops	
1980	634,101	552,877	385,100	76,596	91,181	81,224
1981	489,502	401,348	207,500	89,745	104,103	88,154
1982	507,268	428,860	230,800	94,364	103,696	78,408
1983	568,414	481,926	266,900	100,376	114,650	86,488
1984	550,517	463,502	256,200	89,928	117,374	87,015
1985	528,649	445,826	222,400	90,530	132,896	82,823
1986	564,717	481,312	233,800	99,720	147,792	83,405
1987	557,298	469,565	218,000	99,286	152,279	87,733
1988	573,962	485,293	209,900	107,402	167,991	88,669
1989	585,048	493,261	210,300	98,310	184,651	91,787
1990	595,030	506,586	213,800	106,365	186,421	88,444
1991	551,382	464,139	174,900	107,775	181,464	87,243
1992	520,227	431,958	153,700	102,100	176,158	88,269
1993	506,475	421,593	163,000	79,850	178,743	84,882
1994	503,780	427,150	160,100	78,890	188,160	76,630
1995	493,385	421,089	127,700	87,360	206,029	72,296
1996	495,688	428,671	108,100	95,914	224,657	67,017
1997	488,159	420,360	85,500	91,721	243,139	67,799
1998	493,342	420,634	87,300	92,776	240,558	72,708
1999	512,992	443,111	86,800	101,448	254,863	69,881
2000	499,771	431,482	62,200	101,530	267,752	68,289
2001	502,178	437,438	57,800	96,337	283,301	64,740
2002	514,338	453,400	64,300	100,616	288,484	60,938
2003	520,473	461,680	64,400	101,470	295,810	58,793
2004	523,957	459,702	61,500	83,104	315,098	64,255
2005	554,387	493,991	58,900	79,288	355,803	60,396
2006 2/	558,333	499,684	50,200	73,652	375,832	58,649
2007	553,857	499,416	47,600	(D)	3/ 451,816	54,441

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 product's value combined and included in total crop value.

2/ Revised from previous *Data Book*.

3/ Includes Pineapples.

Source: 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)> accessed April 20, 2009.

**Table 19.05-- NUMBER OF FARMS, FARM ACREAGE, AND FARM  
EMPLOYMENT, BY COUNTY: 1990 TO 2007**

County or island and year	Number of farms 1/	Farm acreage 2/ (1,000)	Farm employment 3/		
			Self- employed farm operators 4/	Unpaid family members 4/ 5/	Hired workers
State total:					
1990	4,600	1,710	2,500	1,000	9,600
1991	4,700	1,630	3,100	1,100	9,600
1992	4,800	1,590	3,100	1,300	9,500
1993	5,200	1,560	2,800	1,100	8,700
1994	5,300	1,530	2,700	1,200	8,100
1995	5,300	1,470	2,700	1,000	7,300
1996	4,600	1,590	2,700	1,000	7,400
1997	5,500	1,440	2,700	1,200	7,000
1998	5,500	1,440	2,700	1,200	7,400
1999	5,500	1,440	3,000	1,200	7,600
2000	5,500	1,440	3,100	1,000	7,800
2001	5,500	1,350	3,300	1,100	7,400
2002	5,500	1,320	3,000	1,100	7,500
2003	5,500	1,300	(NA)	(NA)	7,300
2004	5,500	1,300	(NA)	(NA)	7,300
2005	5,500	1,300	(NA)	(NA)	7,000
2006	5,500	1,300	(NA)	(NA)	7,000
2007	7,500	1,120	(NA)	(NA)	6,500
Hawaii:					
1990	2,650	1,005	1,550	600	3,500
1991	2,700	955	1,900	650	3,650
1992	2,800	929	1,850	750	3,750
1993	3,000	920	1,800	650	3,300
1994	3,100	920	1,700	650	3,000
1995	3,150	890	1,750	550	2,550
1996	2,700	929	1,800	600	2,600
1997	3,300	870	1,800	700	2,450
1998	3,300	870	1,750	650	2,550
1999	3,300	870	1,850	600	2,400
2000	3,300	870	1,800	550	2,700
2001	3,250	840	1,950	550	2,650
2002	3,250	830	1,700	600	2,450
2003	3,250	820	(NA)	(NA)	2,750
2004	3,250	820	(NA)	(NA)	2,700
2005	3,250	820	(NA)	(NA)	2,500
2006	3,250	820	(NA)	(NA)	2,650
2007	4,650	680	(NA)	(NA)	2,500

Continued on next page.

**Table 19.05-- NUMBER OF FARMS, FARM ACREAGE, AND FARM EMPLOYMENT, BY COUNTY: 1990 TO 2007 -- Con.**

County or island and year	Number of farms 1/	Farm acreage 2/ (1,000)	Farm employment 3/		
			Self-employed farm operators 4/	Unpaid family members 4/ 5/	Hired workers
Honolulu:					
1990	950	125	450	250	2,450
1991	950	100	650	300	2,300
1992	900	92	650	350	2,350
1993	900	90	550	300	2,300
1994	900	90	500	350	2,050
1995	900	85	500	250	1,900
1996	900	92	450	200	2,000
1997	900	80	500	300	1,900
1998	900	80	450	250	2,100
1999	900	80	500	300	2,100
2000	900	80	500	200	2,200
2001	850	70	550	250	2,300
2002	800	70	550	250	2,100
2003	800	70	(NA)	(NA)	2,150
2004	800	70	(NA)	(NA)	2,200
2005	800	70	(NA)	(NA)	2,050
2006	800	70	(NA)	(NA)	1,950
2007	950	60	(NA)	(NA)	1,650
Kauai:					
1990	400	225	200	50	1,150
1991	400	220	200	100	1,150
1992	400	214	200	100	1,100
1993	450	200	200	100	1,050
1994	450	200	200	50	1,050
1995	450	200	200	150	1,000
1996	400	214	200	100	1,000
1997	500	200	200	100	850
1998	500	200	200	100	800
1999	500	200	250	100	900
2000	500	200	300	50	950
2001	550	170	350	150	650
2002	600	160	250	100	750
2003	600	150	(NA)	(NA)	750
2004	600	150	(NA)	(NA)	650
2005	600	150	(NA)	(NA)	700
2006	600	150	(NA)	(NA)	700
2007	750	150	(NA)	(NA)	650

Continued on next page.

**Table 19.05-- NUMBER OF FARMS, FARM ACREAGE, AND FARM EMPLOYMENT, BY COUNTY: 1990 TO 2007 -- Con.**

County or island and year	Number of farms 1/	Farm acreage 2/ (1,000)	Farm employment 3/		
			Self-employed farm operators 4/	Unpaid family members 4/ 5/	Hired workers
Maui:					
1990	600	355	250	150	2,500
1991	650	355	350	150	2,550
1992	700	355	400	150	2,300
1993	850	350	300	100	2,050
1994	850	320	250	100	2,000
1995	800	295	300	100	1,850
1996	600	355	300	150	1,850
1997	800	290	300	100	1,850
1998	800	290	350	150	1,950
1999	800	290	450	200	2,200
2000	800	290	500	150	2,000
2001	850	270	500	150	1,800
2002	850	260	500	150	2,250
2003	850	260	(NA)	(NA)	1,650
2004	850	260	(NA)	(NA)	1,850
2005	850	260	(NA)	(NA)	1,700
2006	850	260	(NA)	(NA)	1,750
2007	1,150	230	(NA)	(NA)	1,700

NA Not available.

1/ Based on farm definition of \$1,000 or more of agricultural sales.

2/ Includes land not in crops and pasture, such as farm house lots, roads, woodlots, etc.

3/ Data not comparable among years shown due to changes in survey periods; sum of county estimates may not add due to rounding.

4/ Beginning July 2002, estimates for self-employed and unpaid workers have been discontinued due to a change in the national labor statistics program. 2002 data are the average of January and April estimates.

5/ Working 15 hours or more per week.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual) and <[http://www.nass.usda.gov/hi/stats/t\\_of\\_c.htm](http://www.nass.usda.gov/hi/stats/t_of_c.htm)> accessed April 21, 2009.

**Table 19.06-- VALUE OF CROP AND LIVESTOCK SALES, BY COUNTY:  
1991 TO 2007**

[Thousands of dollars]

County or island and year	All crops and livestock	Crops				Livestock
		All crops	Sugar (unprocessed cane)	Pine-apples 1/ (fresh equiv.)	Other crops 1/	
State total:						
1991	551,382	464,139	174,900	107,775	181,464	87,243
1992	520,227	431,958	153,700	102,100	176,158	88,269
1993	506,475	421,593	163,000	79,850	178,743	84,882
1994	503,780	427,150	160,100	78,890	188,160	76,630
1995	493,385	421,089	127,700	87,360	206,029	72,296
1996	488,303	422,568	108,100	95,914	218,554	65,735
1997	486,460	418,661	85,500	91,721	241,440	67,799
1998	493,442	420,734	87,400	92,776	240,558	72,708
1999	512,992	443,111	86,800	101,448	254,863	69,881
2000	499,730	431,482	62,200	101,530	267,752	68,248
2001	502,181	437,438	57,800	96,337	283,301	64,743
2002	514,338	453,400	64,300	100,616	288,484	60,938
2003	520,473	461,680	64,400	101,470	295,810	58,793
2004	523,957	459,702	61,500	83,104	315,098	64,255
2005	554,387	493,991	58,900	79,288	355,803	60,396
2006 2/	558,333	499,684	50,200	73,652	375,832	58,649
2007	553,857	499,416	47,600	(D)	451,816	54,441
Hawaii:						
1991	179,716	149,009	43,600	(3/)	105,409	30,707
1992	168,406	140,235	38,200	(3/)	102,035	28,171
1993	166,309	140,610	39,000	(3/)	101,610	25,699
1994	161,475	140,770	35,800	(D)	104,970	20,705
1995	146,427	128,564	12,200	(D)	116,364	17,863
1996	141,910	125,915	1,700	(D)	124,215	15,995
1997	149,965	130,887	-	(3/)	130,887	19,078
1998	142,522	121,676	-	(3/)	121,676	20,846
1999	144,470	121,939	-	(3/)	121,939	22,531
2000	154,240	128,161	-	(3/)	128,161	26,079
2001	160,258	134,380	-	(3/)	134,380	25,878
2002	155,651	128,426	-	(D)	128,426	27,225
2003	159,592	132,331	-	(D)	132,331	27,261
2004	174,388	143,972	-	(D)	143,972	30,416
2005 2/	(D)	164,772	-	(D)	(D)	(D)
2006 2/	183,177	152,302	-	(D)	(D)	30,875
2007	173,201	140,618	-	(D)	140,618	32,583

Continued on next page.

**Table 19.06-- VALUE OF CROP AND LIVESTOCK SALES, BY COUNTY:  
1991 TO 2007 -- 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:						
1991	171,378	129,602	30,600	62,075	36,927	41,776
1992	152,483	108,965	27,300	45,430	36,235	43,518
1993	162,086	119,906	29,700	54,923	35,283	42,180
1994	160,678	119,958	30,600	53,690	35,668	40,720
1995	162,578	123,074	21,000	62,585	39,489	39,504
1996	156,582	121,143	10,400	68,770	41,973	35,439
1997	142,256	107,347	-	63,426	43,921	34,909
1998	160,819	124,630	-	64,363	60,267	36,189
1999	179,324	142,407	-	73,123	69,284	36,917
2000	177,704	145,784	-	72,085	73,699	31,920
2001	177,462	146,504	-	69,222	77,282	30,958
2002	179,778	153,725	-	70,992	82,733	26,053
2003	178,852	154,228	-	71,029	83,199	24,624
2004	163,974	138,878	-	54,704	84,174	25,096
2005 2/	(D)	133,918	-	(D)	(D)	(D)
2006 2/	(D)	146,013	-	(D)	(D)	(D)
2007	(D)	139,486	-	(D)	139,486	(D)
Kauai:						
1991	57,912	53,018	42,800	(3/)	10,218	4,894
1992	46,549	41,679	32,600	(3/)	9,079	4,870
1993	46,145	42,143	31,600	(3/)	10,543	4,002
1994	54,438	49,975	35,200	(D)	14,775	4,463
1995	59,631	55,387	35,100	(D)	20,287	4,244
1996	65,988	61,814	38,800	(D)	23,014	4,174
1997	63,425	59,425	31,600	(3/)	27,825	4,000
1998	54,728	49,612	28,700	(3/)	20,912	5,116
1999	57,933	53,390	26,600	(3/)	26,790	4,543
2000	46,739	42,886	18,500	(3/)	24,386	3,853
2001	40,790	38,292	12,900	(3/)	25,392	2,498
2002	(D)	40,854	13,000	(D)	27,854	(D)
2003	(D)	47,077	13,500	(D)	33,577	(D)
2004	(D)	47,652	15,300	(D)	32,352	(D)
2005 2/	(D)	49,318	14,700	(D)	(D)	(D)
2006 2/	(D)	60,352	9,500	(D)	(D)	(D)
2007	(D)	65,372	9,800	(D)	55,572	(D)

Continued on next page.

**Table 19.06-- VALUE OF CROP AND LIVESTOCK SALES, BY COUNTY:  
1991 TO 2007 -- 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:						
1991	142,376	132,510	57,900	45,700	28,910	9,866
1992	152,789	141,079	55,600	56,659	28,820	11,710
1993	131,935	118,934	62,700	24,890	31,344	13,001
1994	127,189	116,447	58,500	25,150	32,797	10,742
1995	124,748	114,064	59,400	24,775	29,889	10,684
1996	123,823	113,696	57,200	27,144	29,352	10,127
1997	126,266	116,453	53,900	28,295	34,258	9,813
1998	135,373	124,816	58,700	28,413	37,703	10,557
1999	131,265	125,375	60,200	28,325	36,850	5,890
2000	121,047	114,651	43,700	29,445	41,506	6,396
2001	123,671	118,262	44,900	27,115	46,247	5,409
2002	(D)	130,395	51,300	29,624	49,471	(D)
2003	(D)	128,043	50,900	30,441	46,702	(D)
2004	(D)	129,200	46,200	28,400	54,600	(D)
2005 2/	(D)	145,983	44,200	(D)	(D)	(D)
2006 2/	(D)	141,017	40,700	(D)	(D)	(D)
2007	(D)	153,940	37,800	(D)	116,140	(D)

D Data not shown to avoid disclosure of individual operations but included in State total.

1/ County data may fail to add exactly to State total.

2/ Revised from previous *Data Book*.

3/ Less than \$50,000.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual);  
and <[http://www.nass.usda.gov/hi/stats/t\\_of\\_c.htm](http://www.nass.usda.gov/hi/stats/t_of_c.htm)> accessed April 21, 2009.

**Table 19.07-- ACREAGE IN CROP, NUMBER OF CROP FARMS, AND VALUE OF CROP SALES: 1997, 2005 TO 2007**

Subject	1997	2005	2006	2007
Acreage in crop (1,000 acres):				
Sugarcane	68.7	40.1	42.1	39.3
Pineapples (land used for pineapple)	19.9	14.0	1/ 12.6	(D)
Vegetables and melons (harvested acreage) 2/	6.5	6.3	5.5	4.5
Fruits, excluding pineapples	8.0	6.2	6.1	6.5
Coffee	7.0	7.9	8.2	7.8
Macadamia nuts	20.2	18.3	17.0	17.0
All other crops	12.6	9.2	9.2	19.6
Number of crop farms:				
Sugar	4	2	2	2
Pineapples	15	30	30	40
Vegetables and melons 3/	1,000	600	610	650
Fruits (excluding pineapples)	1,043	1,265	1,245	1,300
Coffee	585	790	820	830
Macadamia nuts	700	650	1/ 570	525
Taro	160	110	1/ 105	105
Flowers and nursery products	670	955	930	935
Value of crop sales (\$1,000):				
Sugar (unprocessed cane)	85,500	58,900	50,200	47,600
Pineapples (fresh equivalent)	91,721	79,288	1/ 73,652	(D)
Vegetables, ginger root, herbs, and melons 4/	44,626	67,717	73,038	47,744
Fruits (excluding pineapples)	29,564	25,747	1/ 27,215	30,592
Coffee (parchment)	28,200	37,310	1/ 31,820	31,875
Macadamia nuts (in shell)	43,500	43,740	38,860	24,600
Taro	2,805	2,322	2,565	2,360
Seed crops	22,800	77,330	1/ 103,040	146,270
Flowers and nursery products	68,160	100,962	1/ 98,725	105,918

D Withheld to avoid disclosure of individual operations.

1/ Revised from previous *Data Book*.

2/ Includes ginger root, herbs in 1997, 2005 and 2006.

3/ Beginning 2007, ginger root, herbs, noni, kava (‘awa) and others combined and included in the Total (non-duplicated).

4/ Includes noni, kava (‘awa), and others.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual); and <[http://www.nass.usda.gov/hi/stats/t\\_of\\_c.htm](http://www.nass.usda.gov/hi/stats/t_of_c.htm)> accessed April 22, 2009.

**Table 19.08-- ACREAGE IN CROP, NUMBER OF CROP FARMS, AND VALUE OF CROP SALES, BY COUNTY: 2007**

Subject	Hawaii	Honolulu	Kauai	Maui
Acreage in crop (1,000 acres):				
Sugarcane	-	-	6.9	32.4
Pineapples (land used for pineapple)	(D)	(D)	(D)	(D)
Vegetables and melons (harvested acreage) 1/	1.0	2.7	0.1	0.7
Fruits, excluding pineapples	4.3	0.9	0.7	0.6
Coffee	3.8	(D)	(D)	(D)
Macadamia nuts	(D)	(D)	(D)	(D)
All other crops	3.0	7.3	2.5	6.8
Number of crop farms:				
Sugar	-	-	1	1
Pineapples	18	1	12	9
Vegetables and melons 2/	230	230	70	120
Fruits (excluding pineapples)	690	160	190	260
Coffee	790	3	7	30
Macadamia nuts	500	5	10	10
Taro	25	15	45	20
Flowers and nursery products	430	250	75	180
Value of crop sales (\$1,000):				
Sugar (unprocessed cane)	-	-	9,800	37,800
Pineapples (fresh equivalent)	(D)	(D)	(D)	(D)
Vegetables, ginger root, herbs and melons 3/	10,140	29,120	2,250	6,234
Fruits (excluding pineapples)	22,837	4,961	1,060	1,734
Coffee (parchment)	25,350	(D)	(D)	(D)
Macadamia nuts (in shell)	(D)	(D)	(D)	(D)
Taro	173	(D)	1,624	(D)
Seed crops	(D)	(D)	(D)	(D)
Flowers and nursery products	51,755	38,373	3,374	12,416

D Withheld to avoid disclosure of individual operations.

1/ Includes ginger root and herbs, 2003-2006. Beginning 2007, ginger root and herbs are not included.

2/ In 2003-2006, includes ginger root, herbs, noni, kava ('awa), and others. Beginning 2007, ginger root, herbs, noni, kava ('awa) and others combined and included in the Total (non-duplicated).

3/ Includes noni, kava ('awa), and others.

Source: 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)> accessed April 27, 2009.

**Table 19.09-- SPECIALTY CROPS, FRUITS, AND VEGETABLES: 2007**

[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 (2007-08)	6,400	1.2	7,500	425.0	31,875
Ginger root (2007-08)	60	30.0	1,800	160.0	2,880
Fresh herbs	(X)	(X)	5,000	(X)	8,506
Seed crops (2007-08)	6,010	(X)	16,140	(X)	146,270
Macadamia nuts (2007-08)	15,000	2.7	48,000	60.0	24,600
Fruits:					
Rambutan	265	(X)	824	239.0	1,969
Bananas	1,300	19.7	25,600	41.0	10,496
Papayas	1,310	25.5	33,400	39.2	13,094
Vegetables:					
Cabbage, Chinese	270	23.3	6,300	30.0	1,890
Cabbage, head	440	23.6	10,400	29.0	3,016
Cucumbers	310	16.1	5,000	50.0	2,500
Onions, dry	160	8.8	1,400	120.0	1,680
Onions, green	135	10.4	1,400	114.0	1,596
Peppers, green	160	11.3	1,800	69.0	1,242
Sweet potatoes	350	15.1	5,300	51.0	2,703
Taro	1/ 380	(X)	4,000	59.0	2,360
Tomatoes	740	19.3	14,300	69.0	9,867
Watermelons	540	24.3	13,100	30.0	3,930

X Not applicable.

1/ Acreage in crop.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual); and <[http://www.nass.usda.gov/hi/stats/t\\_of\\_c.htm](http://www.nass.usda.gov/hi/stats/t_of_c.htm)> accessed April 23, 2009.

**Table 19.10-- SUGARCANE ACREAGE, BY TYPE OF IRRIGATION:  
1993 TO 2006**

Year	Total cane land	Irrigated cane land		Unirrigated cane land
		Drip	Furrow or overhead	
1993	121,322	74,557	11,595	35,170
1994	98,413	68,547	10,753	19,113
1995	81,957	62,462	8,416	11,079
1996	68,816	56,147	7,511	5,158
1997	67,820	55,585	7,115	5,120
1998	67,585	55,828	6,620	5,137
1999	60,758	51,234	4,602	4,922
2000	43,821	43,821	-	-
2001	50,410	50,410	-	-
2002	47,476	47,476	-	-
2003	47,733	47,733	-	-
2004	43,465	43,465	-	-
2005	40,145	40,145	-	-
2006	42,080	42,080	-	-

Source: Hawaii Agriculture Research Center, records.

**Table 19.11-- LIVESTOCK INVENTORY, 1984 TO 2007, AND BY COUNTY, 2007**

[In thousands]

<b>Year and county</b>	<b>All cattle and calves 1/</b>	<b>Milk cows 1/</b>	<b>Hogs and pigs 2/</b>	<b>Chickens (excluding broilers) 2/</b>	<b>Bee colonies</b>
1984	221	12	47	1,195	9
1985	209	11	55	1,210	9
1986	199	12	50	1,185	9
1987	203	12	47	1,212	9
1988	212	12	43	1,217	9
1989	205	11	39	1,216	9
1990	215	11	36	1,183	10
1991	200	10	34	1,213	10
1992	178	11	35	1,109	9
1993	165	11	33	1,012	9
1994	178	11	35	981	9
1995	174	10	34	933	8
1996	172	10	28	876	8
1997	180	9	29	863	9
1998	173	9	29	747	8
1999	164	9	28	721	8
2000	150	7	26	722	7
2001	152	7	27	659	8
2002	151	7	24	625	7
2003	156	6	23	600	7
2004	155	6	22	598	8
2005	161	5	19	547	9
2006	158	4	16	470	10
2007	152	2	15	398	10
2007 3/					
Hawaii	109.1	1.8	1.1	(D)	(NA)
Honolulu	5.6	0.4	9.2	(D)	(NA)
Kauai	12.5	(4/)	2.0	(D)	(NA)
Maui	24.8	0.1	2.7	(D)	(NA)

NA Not available.

D Withheld to avoid disclosing data for individual operations.

1/ As of January 1 of the following year.

2/ As of December 1.

3/ Sum of county estimates may not add to State total due to rounding.

4/ Equals less than 50.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual); and <[http://www.nass.usda.gov/hi/stats/t\\_of\\_c.htm](http://www.nass.usda.gov/hi/stats/t_of_c.htm)> accessed March 4, 2009.

**Table 19.12-- NUMBER OF LIVESTOCK OPERATIONS AND VALUE OF LIVESTOCK SALES: 2003 TO 2007**

Subject	2003	2004	2005	2006	2007
Number of livestock operations, Dec. 31:					
Cattle 1/	750	800	800	800	1,100
Hogs	210	250	230	230	230
Milk	30	30	30	30	15
Eggs	80	80	80	80	80
Honey	29	31	34	35	40
Value of livestock sales (\$1,000):					
Cattle 2/	17,192	22,534	22,548	26,452	26,196
Hogs 2/	4,345	4,463	4,553	4,158	3,682
Milk	21,449	20,175	18,387	14,508	9,673
Eggs	9,396	10,670	8,979	8,192	7,428
Honey	1,157	1,221	1,686	3/ 1,125	1,454

1/ Includes beef, dairy, and dairy replacement operations.

2/ Excludes interfarm sales; includes out-of-state sales of slaughter cattle and feeder calves.

3/ Revised from previous *Data Book*.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual); and <[http://www.nass.usda.gov/hi/stats/t\\_of\\_c.htm](http://www.nass.usda.gov/hi/stats/t_of_c.htm)> accessed April 23, 2009.

**Table 19.13-- NUMBER OF LIVESTOCK OPERATIONS AND VALUE OF LIVESTOCK SALES, BY COUNTY: 2007**

Subject	Hawaii	Honolulu	Kauai	Maui
Number of livestock operations, Dec. 31:				
Cattle 1/	730	60	130	180
Hogs	70	70	30	60
Milk	7	3	1	4
Eggs	37	15	8	20
Honey	18	14	5	3
Value of livestock sales (\$1,000):				
Cattle 2/	19,676	942	1,318	4,260
Hogs 2/	185	1,974	638	885
Milk	(D)	(D)	(D)	(D)
Eggs	(D)	(D)	(D)	(D)

D Withheld to avoid disclosure of individual operations.

1/ Includes beef, dairy, and dairy replacement operations.

2/ Excludes interfarm sales; includes out-of-state sales of slaughter cattle and feeder calves.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual); and <[http://www.nass.usda.gov/hi/stats/t\\_of\\_c.htm](http://www.nass.usda.gov/hi/stats/t_of_c.htm)> accessed April 23, 2009.

**Table 19.14-- FLORICULTURE AND NURSERY PRODUCTS, 1997 TO 2007,  
AND BY COUNTY, 2003 TO 2007**

County and year	Number of farms	Growing area					Wholesale value (\$1,000)
		Total (acres)	Green-house (1,000 sq. ft.)	Artificial shade structure (1,000 sq. ft.)	Natural shade area (acres)	Open field (acres)	
State total:							
1997	670	2,158	2,805	23,885	10	1,535	66,655
1998	745	2,679	2,810	24,200	9	2,050	73,207
1999	765	2,712	2,910	25,695	15	2,040	75,725
2000	735	2,719	3,235	25,180	7	2,060	82,684
2001	790	3,049	3,175	26,660	9	2,355	88,597
2002	870	3,648	3,030	30,415	10	2,870	95,715
2003	865	3,890	2,540	27,465	16	3,185	95,601
2004	920	3,830	2,620	26,560	-	3,160	95,178
2005	955	3,988	2,095	27,015	-	3,320	100,962
2006 1/	930	4,052	2,180	25,115	-	3,425	98,725
2007	935	4,075	2,160	25,050	-	3,450	105,918
County, 2003:							
Hawaii	395	2,408	1,895	21,295	16	1,860	50,206
Honolulu	230	701	230	5,035	-	580	31,092
Kauai	80	180	65	360	-	170	3,067
Maui	160	601	350	775	-	575	11,236
County, 2004:							
Hawaii	425	2,404	1,990	20,840	-	1,880	50,414
Honolulu	235	638	255	4,660	-	525	32,173
Kauai	80	234	90	310	-	225	3,056
Maui	180	554	285	750	-	530	9,535
County, 2005:							
Hawaii	425	2,455	1,445	20,980	-	1,940	53,449
Honolulu	265	774	275	4,715	-	660	32,399
Kauai	80	210	110	525	-	195	3,204
Maui	185	549	265	795	-	525	11,910
County, 2006: 1/							
Hawaii	410	2,580	1,450	19,875	-	2,090	50,527
Honolulu	250	707	255	3,985	-	610	33,438
Kauai	75	232	205	530	-	215	2,937
Maui	195	533	270	725	-	510	11,823
County, 2007:							
Hawaii	430	2,588	1,605	20,080	-	2,090	51,755
Honolulu	250	664	215	3,895	-	570	38,373
Kauai	75	213	90	480	-	200	3,374
Maui	180	610	250	595	-	590	12,416

1/ Revised from previous *Data Book*.

Source: Hawaii Agricultural Statistics Service, *Hawaii Flowers & Nursery Products, Annual Summary*, various issues. See also <<http://www.nass.usda.gov/hi/flower/flower.pdf>> accessed November 18, 2008.

**Table 19.15-- FLORICULTURE AND NURSERY PRODUCTS, BY  
COMMODITY: 2007**

[Shown for commodities with value of sales over \$500,000 and growers with total sales of  
\$10,000 or more]

Commodity	Number of farms having sales	Number sold		Value of sales (\$1,000)
		Unit	Number	
Selected cut flowers:				
Anthuriums	57	1,000 dozens	658	4,840
Ginger, red	56	1,000 dozens	115	1,003
Heliconias	57	1,000 dozens	67	816
Proteas	27	1,000 stems	1,865	2,094
Orchids:				
Sprays: Dendrobiums	37	1,000 dozens	320	2,495
Sprays: Oncidiums 1/	22	1,000 dozens	54	644
Potted: Dendrobiums 2/	61	1,000 pots	917	5,062
Potted: Oncidiums 1/	45	1,000 pots	568	3,686
Potted: Phalaenopsis	19	1,000 pots	138	1,020
Lei or individual flowers:				
Dendrobiums	21	1,000 blooms	14,800	503
Plumerias	15	1,000 blooms	12,300	486
Foliage:				
Potted, dracaena	27	(X)	(NA)	5,949
Potted, palms	41	(X)	(NA)	8,753
Ti leaves, cut	39	1,000 leaves	5,000	614
Potted flowering plants:				
Anthuriums	14	1,000 pots	104	471
Poinsettias	22	1,000 pots	315	1,418
Plant rentals	40	(X)	(NA)	6,513
Landscape plants 3/	132	(X)	(X)	21,449

X Not applicable.

NA Not available.

1/ Prior to 2007, formerly called Oncidium.

2/ Prior to 2007, included in bud/bloom and community pots. Beginning 2007, includes in bud/bloom.

3/ Beginning 2007, excludes sod.

Source: Hawaii Agricultural Statistics Service, *Hawaii Flowers & Nursery Products, Annual Summary*, various issues. See also <<http://www.nass.usda.gov/hi/flower/flower.pdf>> accessed November 18, 2008.

**Table 19.16-- OUT-OF-STATE SALES OF FLORICULTURE AND NURSERY PRODUCTS: 2002 TO 2007**

[Thousand of dollars. Based on F.O.B. island value. Includes both wholesale and retail sales. Does not include sales of cut flowers, leis, etc., purchased within the State and hand carried out]

Type	2002	2003	2004	2005	2006	2007
Total sales	47,870	50,940	47,585	1/ 49,430	1/ 49,325	54,230
Anthuriums, cut	7,700	8,500	6,475	6,210	1/ 6,935	6,905
Dendrobiums, sprays	3,400	3,600	3,900	3,900	3,100	3,200
Foliage, potted	10,700	11,000	11,300	13,200	11,600	14,100
Heliconias	1,040	1,200	1,200	1,000	1,100	1,100
Dendrobiums, potted	4,510	4,590	4,645	4,335	3,760	3,100
Proteas	1,620	1,800	1,715	2,000	1,900	2,040
Other flowers, nursery products	18,900	20,250	18,350	1/ 18,785	1/ 20,930	23,785

1/ Revised from previous *Data Book*.

Source: Hawaii Agricultural Statistics Service, *Hawaii Flowers & Nursery Products, Annual Summary*, (July 8, 2008), p. 14. See also <<http://www.nass.usda.gov/hi/flower/flower.pdf>> accessed February 19, 2009.

**Table 19.17-- AGRICULTURAL LABOR: HIRED WORKERS ON FARMS BY TYPE OF FARM, 1993 TO 2008**

[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

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.

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)> accessed March 3, 2009.

**Table 19.18-- GENERAL EXCISE TAX BASE FOR PRODUCING:  
1996 TO 2008**

[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>
1996	479,009	2003	543,561
1997	505,557	2004	550,949
1998	478,201	2005	591,329
1999	501,501	2006	445,679
2000	519,272	2007	475,827
2001	499,896	2008	448,975
2002	522,418		

1/ Calendar year in which reported, including "prior years" reports. Income received in December is reported the following January, hence these annual totals generally refer to an "income year" ended November 30.

Source: Hawaii State Department of Taxation, "General Excise and Use Tax Base" (annual tabular release) see also <[http://www.state.hi.us/tax/a5\\_3txcolrpt.htm](http://www.state.hi.us/tax/a5_3txcolrpt.htm)>.

**Table 19.19-- AGRICULTURAL CHEMICALS USED, INCLUDING FERTILIZER:  
2002 AND 2007**

Chemicals used	Unit	2002	2007
Any fertilizer, manure, or chemicals used 1/ Manure used	farms	(NA)	5,742
	farms	730	705
	acres on which used	3,812	3,859
Any fertilizer or chemical expense 2/ 3/	farms	(NA)	6,158
	\$1,000	(NA)	47,046
Commercial fertilizer, lime and soil conditioners used 2/	farms	(NA)	4,785
	acres on which used	127,996	116,530
Commercial fertilizer, lime and soil conditioners expenses	farms	4,326	5,653
	\$1,000	17,791	29,807
Chemical expenses	farms	3,627	4,207
	\$1,000	16,134	17,238
Chemicals used to control Insects	farms	1,840	2,012
	acres on which used	41,616	33,474
Nematodes	farms	275	253
	acres on which used	8,169	6,889
Diseases in crops and orchards	farms	800	836
	acres on which used	30,824	9,716
Weeds, grass, or brush	farms	2,820	3,053
	acres on which used	101,258	98,108
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate	farms	216	255
	acres on which used	26,378	15,677

NA Not available.

1/ 2002 data are based on a sample of farms.

2/ 2002 farm count data are not comparable due to calculation change.

3/ 2002 expense data are not comparable due to calculation change.

Source: U.S. Department of Agriculture, *2002 Census of Agriculture, Hawaii*, (June 2004), p. 32 and U.S. Department of Agriculture, *2007 Census of Agriculture, Hawaii*, (February 2009), p. 34.

**Table 19.20-- AQUACULTURE INDUSTRY OPERATIONS: 1970 TO 2007**

Year	Number of operations, Dec. 31	Acreage, Dec. 31	Production (1,000 lb.)	Value (\$1,000)
1970	2	193	20	11
1971	2	193	17	17
1972	2	193	18	23
1973	3	203	34	34
1974	4	213	41	136
1975	10	234	82	178
1976	14	235	94	210
1977	25	246	123	281
1978	25	320	178	525
1979	23	493	246	1,531
1980	37	575	320	1,655
1981	41	547	338	1,868
1982	44	643	551	2,625
1983	42	496	345	1,605
1984	47	474	441	2,300
1985	48	465	583	2,780
1986	44	444	1,015	3,549
1987	45	437	1,689	6,263
1988	44	477	1,170	5,560
1989	46	479	1,264	6,835
1990	53	489	1,452	9,241
1991	71	595	1,207	6,884
1992	83	615	1,272	7,134
1993	90	640	1,296	7,469
1994	105	605	990	9,036
1995	107	635	1,410	13,307
1996	117	695	1,992	15,656
1997	110	(NA)	(NA)	16,600
1998	105	(NA)	2,243	16,620
1999	100	(NA)	2,404	18,102
2000	85	(NA)	2,898	22,170
2001	80	(NA)	(NA)	22,200
2002	70	(NA)	(NA)	25,180
2003	85	(NA)	(NA)	27,650
2004	100	(NA)	(NA)	28,100
2005	70	(NA)	(NA)	28,398
2006	80	(NA)	(NA)	21,257
2007	70	(NA)	(NA)	25,250

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) accessed February 26, 2009.

**Table 19.21-- AQUACULTURE OPERATIONS, ACREAGE, PRODUCTION,  
AND VALUE, BY COUNTY: 2006 AND 2007**

Subject	State total	Hawaii	Honolulu	Kauai	Maui
2006					
Number of operations	80	25	(D)	(D)	(D)
Production (1,000 lb.)	(NA)	(NA)	(NA)	(NA)	(NA)
Shellfish 1/	180	103	(D)	(D)	(D)
Finfish	426	(D)	(D)	(D)	(D)
Algae	(X)	(X)	(X)	(X)	(X)
Value (\$1,000)	21,257	17,470	(D)	(D)	(D)
Shellfish	2,351	1,834	(D)	(D)	(D)
Finfish	2,388	(D)	(D)	(D)	(D)
Algae	11,914	(D)	(D)	(D)	(D)
Other 2/	4,604	(D)	(D)	(D)	(D)
2007					
Number of operations	70	25	(D)	(D)	(D)
Production (1,000 lb.)	(NA)	(NA)	(NA)	(NA)	(NA)
Shellfish 1/	65	(D)	(D)	(D)	(D)
Finfish	523	(D)	(D)	(D)	(D)
Algae	(X)	(X)	(X)	(X)	(X)
Value (\$1,000)	25,250	20,155	(D)	(D)	(D)
Shellfish	520	(D)	(D)	(D)	(D)
Finfish	4,536	(D)	(D)	(D)	(D)
Algae	10,941	(D)	(D)	(D)	(D)
Other 2/	9,253	(D)	(D)	(D)	(D)

NA Not available.

D Not shown to avoid disclosure of individual operations, but combined and included in the state total.

X Not applicable.

1/ Some shellfish products sold by pieces, pounds not given.

2/ Non-food products: ornamental fish, seedstock, brood stock, and other. Items not sold by weight.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual); and  
<[http://www.nass.usda.gov/hi/stats/t\\_of\\_c.htm](http://www.nass.usda.gov/hi/stats/t_of_c.htm)> accessed February 26, 2009.

## Section 20

# FORESTRY, FISHERIES, AND MINING

This section presents data on forests and forest reserves, commercial fishing and fish populations, and mining and mineral products.

Important sources of data on these subjects are the *United States Census of Mineral Industries* and *Mineral Industry Surveys*, U.S. Census Bureau, *2002 Economic Census, Geographic Area Series*, Mining, and reports and records of the Hawaii State Department of Land and Natural Resources, Division of Aquatic Resources and Division of Forestry and Wildlife. *Historical Statistics of Hawaii*, Section 14, summarizes the data for earlier periods. Comparable national statistics are reported in the *Statistical Abstract of the United States: 2009*, 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, 2008
<a href="#">20.02</a>	Woodland on Farms, 1997, 2002, and 2007, and by County, 2007
<a href="#">20.03</a>	Forest and Brushland Fires, by Cause of Fire: 2005 to 2007
<a href="#">20.04</a>	Commercial Fishing: 2003 to 2008
<a href="#">20.05</a>	Commercial Fish Catch, by Species: 2006 to 2008
<a href="#">20.06</a>	Commercial Sea Landings, by Island: 2006 to 2008
<a href="#">20.07</a>	Commercial Sea Landings, by Fishing Method: 2006 to 2008
<a href="#">20.08</a>	Mineral Industries: 1977 to 2002
<a href="#">20.09</a>	Nonfuel Mineral Production: 2003 to 2005

**Table 20.01-- FOREST AND NATURAL AREA ACREAGE, BY ISLAND:  
JUNE 30, 2008**

Island	Conservation district forest land		Natural areas 3/	
	Forest reserve land 1/	Private forest land 2/	Number of areas	Acres
State total	637,000	328,742	19	109,164
Hawaii	448,000	106,745	8	82,535
Maui	4/ 83,000	53,180	4	17,123
Kahoolawe	-	-	-	-
Lanai	-	6,150	-	-
Molokai	(4/)	-	2	2,950
Oahu	31,000	88,817	3	1,770
Kauai	76,000	73,850	2	4,786
Niihau	-	-	-	-

1/ State-owned and privately-owned lands under surrender agreement in forest reserve system.

2/ Private forest land within conservation district. The majority of these lands were previously in the forest reserve system.

3/ Includes Waimanu Research Reserve (3,600 acres) and Alakai Wilderness Preserve (9,939 acres).

4/ Includes both Maui and Molokai.

Source: Hawaii State Department of Land and Natural Resources, Division of Forestry and Wildlife, records.

**Table 20.02-- WOODLAND ON FARMS, 1997, 2002, AND 2007, AND BY COUNTY, 2007**

[Acres]

Use	1997	2002	2007				
			State total	Hawaii	Honolulu	Kauai	Maui
Total	108,704	117,685	79,041	46,137	5,646	5,660	21,598
Pastured	31,844	41,467	22,570	12,791	(D)	103	(D)
Not pastured	76,860	76,218	56,471	33,346	(D)	5,557	(D)

D Withheld to avoid disclosing data for individual farms.

Source: U.S. Department of Agriculture, 2002 Census of Agriculture, Hawaii, (June 2004), p. 195.  
 2007 Census of Agriculture, Hawaii, (February 2009), p. 240.

**Table 20.03-- FOREST AND BRUSHLAND FIRES, BY CAUSE OF FIRE:  
2005 TO 2007**

Cause of Fire	Number of Fires			Acres burned		
	2005	2006	2007	2005	2006	2007
State total	109	205	147	26,492.6	14,584.8	29,591.5
Lightning	3	7	1	4.1	3,596.3	0.1
Campfire	8	4	5	801.7	783.1	40.1
Smoking	-	-	1	-	-	2,291.0
Debris burning	5	12	11	1.6	37.9	53.9
Arson	12	27	21	218.2	3,104.3	6,728.5
Equipment	6	15	9	135.9	679.9	255.6
Railroads	-	-	-	-	-	-
Children	-	-	-	-	-	-
Miscellaneous	75	140	99	25,331.1	6,383.3	20,222.3

Source: Hawaii State Department of Land and Natural Resources, Division of Forestry and Wildlife, Fire Management Program, *Annual Wildfire Summary Report* <<http://www.state.hi.us/dlnr/dofaw/fmp/firedata.htm>> accessed June 3, 2009.

**Table 20.04-- COMMERCIAL FISHING: 2003 TO 2008**

[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	2/ 26,563,127	(1/)	(1/)
2008	3,196	33,310,542	(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: 2006 TO 2008**

[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	2006	2007 1/	2008
Total catch	24,636,892	26,563,127	33,310,542
Tunas	14,361,338	14,613,016	19,985,859
Aku (skipjack)	811,535	1,207,357	636,190
Tombo	764,747	620,324	1,014,455
Bigeye (ahi)	9,805,946	10,064,751	14,199,122
Yellowfin (ahi)	2,950,509	2,701,159	4,120,986
Billfishes	3,763,115	5,649,300	5,989,668
Blue marlin	762,605	913,889	787,524
Shortnose spearfish	347,772	239,763	577,794
Striped marlin	708,898	1,147,064	820,105
Swordfish	1,923,964	3,318,223	3,771,529
Miscellaneous pelagic species	4,503,826	4,088,145	5,240,266
Mahimahi	1,544,162	1,162,164	1,791,321
Monchong	573,664	548,693	659,001
Ono	925,735	816,292	992,558
Opah	1,058,108	1,134,802	1,283,863
Walu	376,391	399,729	481,862
Deep bottom fishes	503,638	474,387	439,182
Ehu	29,821	25,038	23,089
Hapuupuu	42,047	29,680	24,060
Opakapaka	92,695	116,966	112,136
Uku	175,757	151,778	157,147
Ulaula (onaga)	99,814	121,272	82,476
Akule/opelu	843,567	1,034,554	792,269
Akule	462,485	678,621	489,538
Opelu	292,432	355,933	302,731
Jacks	46,285	50,526	53,012
Inshore fishes	248,436	305,484	324,841
Sharks	176,295	266,860	374,942
Mako	137,173	191,951	273,945
Lobsters	10,140	8,838	9,059
Crabs	32,227	31,492	47,893
Shrimps	103,857	2/	2/
Seaweeds	7,521	5,072	10,021
Unclassified / miscellaneous	36,647	35,453	43,530

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 miscellaneous.

Source: Hawaii State Department of Land and Natural Resources, Division of Aquatic Resources, *Commercial Fish Landings, State of Hawaii--Fiscal Years 2006-2008* and records.

**Table 20.06-- COMMERCIAL SEA LANDINGS, BY ISLAND: 2006 TO 2008**

[Fiscal year ending June 30, pounds landed]

<b>Island</b>	<b>2006</b>	<b>2007 1/</b>	<b>2008</b>
State total	24,636,892	26,563,127	33,310,542
Hawaii	3,582,672	3,311,346	3,073,342
Maui	503,888	520,093	658,024
Lanai	18,412	18,782	14,441
Molokai	28,764	17,390	22,652
Oahu	19,928,957	22,039,272	28,829,479
Kauai and Niihau	574,201	656,244	712,604

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:  
2006 TO 2008**

[Fiscal year ending June 30, pounds landed]

<b>Fishing method</b>	<b>2006</b>	<b>2007 1/</b>	<b>2008</b>
All methods	24,636,892	26,563,127	33,310,542
Aku pole and line	579,056	968,191	346,461
Longline	17,927,928	19,239,785	26,928,332
Handline	1,881,475	1,949,821	1,812,335
Trolling	2,604,873	2,751,699	2,926,225
Net	827,617	930,172	751,172
Trap	139,588	55,026	74,864
All other methods	676,356	668,433	471,153

1/ Revised from previous *Data Book* .

Source: Hawaii State Department of Land and Natural Resources, Division of Aquatic Resources, *Commercial Fish Landings, State of Hawaii--Fiscal Years 2006-2008* and records.

**Table 20.08-- MINERAL INDUSTRIES (NAICS 21): 1977 TO 2002**

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

Subject	1977	1982	1987	1992	1997	2002
Number of establishments	7	12	9	7	7	8
With 20 employees or more	2	4	4	4	2	1
All employees:						
Number (1,000) 1/	.1	.2	.2	.2	.1	.1
Annual payroll (million dollars)	1.9	3.8	7.4	9.4	5.6	7.3
Production, development, and exploration workers:						
Number (1,000) 1/	.1	.1	.2	.2	.1	.1
Annual hours (millions)	.2	.2	.4	.4	.2	.2
Annual wages (million dollars)	1.5	2.6	5.7	8.1	4.7	5.1
Value added (million dollars)	8.1	9.7	23.5	27.3	22.0	20.7
Total cost of supplies (million dollars)	2.9	5.9	10.4	11.3	(D)	6.6
Total value of shipments and receipts for services (million dollars)	9.7	12.8	31.1	33.7	33.3	25.6
Capital expenditures (million dollars)	1.3	2.7	2.8	4.8	(D)	1.7

D Withheld to avoid disclosing data for individual companies.

1/ For pay period including March 12.

Source: U.S. Census Bureau, *1987 Census of Mineral Industries, Geographic Area Series, Pacific States*, MIC87-A-9 (October 1990), Hawaii table 1; *1992 Census of Mineral Industries, Geographic Area Series, Pacific States*, MIC92-A-9 (May 1996), Hawaii table 1; *1997 Economic Census, Mining, Geographic Area Series, Hawaii*, EC97N21A-HI (May 2000), table 1; *2002 Economic Census, Mining, Geographic Area Series, Hawaii*, EC02-21A-HI (April 2005), table 1.

**Table 20.09-- NONFUEL MINERAL PRODUCTION: 2003 TO 2005**

[Production as measured by mine shipments, sales, or marketable production (including consumption by producers), Data are rounded to no more than three significant digits; may not add to totals shown]

Minerals	2003	2004	2005
QUANTITY (1,000 METRIC TONS)			
Cement, masonry	(D)	-	-
Gemstones	(NA)	(NA)	(NA)
Sand and gravel (construction)	808	1,260	1,390
Stone (crushed)	5,620	1/ 5,470	6,170
VALUE (\$1,000)			
Total	75,100	1/ 73,700	100,000
Cement, masonry	1/ (D)	-	-
Gemstones	119	262	217
Sand and gravel (construction)	9,560	12,100	17,500
Stone (crushed)	65,400	1/ 61,300	82,300

NA Not available.

D Value withheld to avoid disclosing company proprietary data.

1/ Revised from previous *Data Book*.

Source: U.S. Geological Survey, Minerals Information, "*The Mineral Industry of Hawaii*," *Hawaii 2005*, <<http://minerals.er.usgs.gov/minerals/pubs/state/hi.html>> accessed June 19, 2007.

## Section 21

# CONSTRUCTION AND HOUSING

This section presents statistics on construction activity and costs, the size and composition of the housing inventory, occupancy of housing units and office buildings, home sales, and residential financing. Related series are included in Sections 6 (land use) and 14 (prices).

The principal sources for these data are the U.S. Census Bureau, various series compiled by state and county agencies (primarily the Hawaii State Department of Business, Economic Development & Tourism; Hawaii State Department of Commerce and Consumer Affairs; Hawaii State Department of Taxation; the Hawaii Housing Finance and Development Corporation; the Hawaii Public Housing Authority; the Hawaii Bureau of Conveyances; and the four county building departments) and local real estate companies. Persons interested in figures for earlier periods should consult *Historical Statistics of Hawaii*, Section 15. National statistics appear in Section 20 of the *Statistical Abstract of the United States: 2009*.

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

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

Narrative

<a href="#">21.01</a>	Number and Value of Building Permits, by County: 2002 to 2008
<a href="#">21.02</a>	Value of Building Permits, by Type, by County: 2006 to 2008
<a href="#">21.03</a>	Accepted Value Per Housing Unit by County: 2008
<a href="#">21.04</a>	General Excise Tax Base for Contracting: 1994 to 2008
<a href="#">21.05</a>	General Construction Statistics for Establishments with Payroll (NAICS 23): 2002
<a href="#">21.06</a>	Characteristics of the Construction Industries (NAICS 23): 2002
<a href="#">21.07</a>	Private Residential Construction and Demolition Authorized by Permits, by County: 2003 to 2008
<a href="#">21.08</a>	Revenues of Top Contractors: 2006 to 2008
<a href="#">21.09</a>	Honolulu Construction Cost Indexes: 1990 to 2008
<a href="#">21.10</a>	Condominium Associations and Apartments Registered: 1996 to 2008
<a href="#">21.11</a>	Condominium Projects Registered with the State of Hawaii: 2004 to 2008
<a href="#">21.12</a>	New Condominium Projects, by Type: 2004 to 2008
<a href="#">21.13</a>	Housing Units Converted to Condominium Units: 2004 to 2008
<a href="#">21.14</a>	Timeshare Properties and Units, by Island: 2008
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<a href="#">21.16</a>	Selected Housing Characteristics, by County: 2000
<a href="#">21.17</a>	Summary Housing Characteristics, by County: 2000
<a href="#">21.18</a>	Characteristics of Housing Units and Households, for the State, 2003 and 2006, and County, 2006
<a href="#">21.19</a>	Housing Unit Estimates, by County: 2000 to 2007
<a href="#">21.20</a>	Number of Housing Units in Oahu Neighborhoods: 2000 and 2008
<a href="#">21.21</a>	Housing Characteristics of Oahu Neighborhoods: 2000
<a href="#">21.22</a>	Vacancy and Homeownership Rates, for the State and Honolulu MSA: 1994 to 2008
<a href="#">21.23</a>	Building Vacancy Rates for Competitive Office Space for the Metropolitan Honolulu Office Market, By Submarket: 2000 to 2008
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<a href="#">21.26</a>	Characteristics of the Real Estate Subsector (NAICS 531): 2002
<a href="#">21.27</a>	Characteristics of the Real Estate Subsector (NAICS 531), by County and Selected Island and Census Designated Place: 2002
<a href="#">21.28</a>	Real Estate Licenses, Active and Inactive, by Type of License and Location: April 1, 2009
<a href="#">21.29</a>	Multiple Listing Service Listings and Sales, for Oahu: 1988 to 2008

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

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

<a href="#">21.30</a>	Multiple Listing Service Listings and Sales, by Type of Property, for Oahu: 2006 to 2008
<a href="#">21.31</a>	Multiple Listing Service Single Family Houses Sold, by Selling Price Range, for Oahu: 2006 to 2008
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<a href="#">21.33</a>	Multiple Listing Service, Number of Single Family and Condominium Sales, by County: 1996 to 2008
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<a href="#">21.39</a>	Foreclosure Market Statistics for Hawaii and the United States: 2007 and 2008
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<a href="#">21.42</a>	Tallest Structures, by Island: March 2009

**Table 21.01-- NUMBER AND VALUE OF BUILDING PERMITS, BY  
COUNTY: 2002 TO 2008**

Year	State total 1/	City and County of Honolulu	Hawaii County	Kauai County 1/	Maui County
<b>NUMBER ISSUED</b>					
2002	2/ 20,035	14,172	3,437	2/ 511	1,915
2003	2/ 23,203	16,261	4,250	2/ 493	2,199
2004	2/ 22,012	14,787	4,321	2/ 432	2,472
2005	2/ 23,855	15,174	5,436	2/ 897	2,348
2006	2/ 24,180	16,019	5,184	2/ 573	2,404
2007	2/ 21,242	13,954	4,580	2/ 512	2,196
2008	21,150	15,001	4,324	218	1,607
<b>ESTIMATED VALUE (\$1,000)</b>					
2002	1,772,027	876,049	449,601	172,660	273,716
2003	2/ 2,357,636	1,109,568	629,147	2/ 149,644	469,277
2004	2/ 2,714,046	1,320,552	826,494	2/ 118,169	448,831
2005	2/ 3,489,736	1,364,030	1,008,386	2/ 285,904	831,416
2006	2/ 3,819,079	1,625,328	926,019	2/ 288,321	979,412
2007	2/ 3,579,592	1,676,232	912,529	2/ 263,059	727,772
2008	2,899,665	1,481,272	704,317	270,237	443,840

1/ Kauai County data consists of residential data only from the U.S. Census Bureau. Prior to 2002, Kauai County data was obtained from the Kauai County Building Department.

2/ Revised from previous *Data Book*.

Source: Compiled from county building departments by the Hawaii State Department of Business, Economic Development & Tourism; U.S. Census Bureau, Building Permits  
<<http://censtats.census.gov/bldg/bldgprmt.shtml>>.

**Table 21.02-- VALUE OF BUILDING PERMITS, BY TYPE, BY COUNTY:  
2006 TO 2008**

[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>
2006					
Total	2/ 3,819,080	1,625,328	926,019	2/ 288,321	979,412
Residential	2/ 1,860,856	495,949	714,307	2/ 288,321	362,279
Hotel	400,142	-	-	(NA)	400,142
Non-residential	331,893	88,309	126,013	(NA)	117,570
Additions and alterations	1,226,189	1,041,070	85,698	(NA)	99,421
2007					
Total	2/ 3,579,592	1,676,232	912,529	2/ 263,059	727,772
Residential	2/ 1,849,518	597,794	686,264	2/ 263,059	302,401
Hotel	261,153	80,000	-	(NA)	181,153
Non-residential	442,736	199,128	115,879	(NA)	127,728
Additions and alterations	1,026,184	799,309	110,385	(NA)	116,489
2008					
Total	2,899,665	1,481,272	704,317	270,237	443,840
Residential	1,374,663	393,926	434,312	270,237	276,188
Hotel	34,700	34,700	-	(NA)	-
Non-residential	392,436	218,583	107,683	(NA)	66,171
Additions and alterations	1,097,866	834,063	162,322	(NA)	101,481

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.

2/ Revised from previous *Data Book*.

Source: Compiled from county building departments by the Hawaii State Department of Business, Economic Development & Tourism; U.S. Census Bureau, Building Permits  
<<http://censtats.census.gov/bldg/bldgprmt.shtml>>.

**Table 21.03-- ACCEPTED VALUE PER HOUSING UNIT,  
BY COUNTY: 2008**

[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	350,763	380,386	350,014	387,079	298,815
Two-family	(NA)	332,874	220,000	(NA)	209,841
Multi-family	215,633	91,921	97,780	699,487	851,466

NA Not available.

Source: Compiled from county building departments by the Hawaii State Department of Business, Economic Development & Tourism; U.S. Census Bureau, Building Permits  
<<http://censtats.census.gov/bldg/bldgprmt.shtml>> accessed June 29, 2009.

**Table 21.04-- GENERAL EXCISE TAX BASE FOR CONTRACTING:  
1994 TO 2008**

[In thousands of dollars. Data are on a cash basis accounting. Calendar year in which reported, including "prior years" reports. Income received in December is reported the following January, hence these annual totals generally refer to income received in the 12-month period ending November 30]

Year	Amount	Year	Amount	Year	Amount
1994	3,322,339	1999	2,991,201	2004	4,921,512
1995	3,133,510	2000	3,613,485	2005	5,851,033
1996	3,285,106	2001	3,766,404	2006	7,223,334
1997	2,944,427	2002	4,274,956	2007	8,072,912
1998	3,015,977	2003	4,536,323	2008	7,987,126

Source: Hawaii State Department of Taxation, *General Excise and Use Tax Collections* (annual calendar year summary) <[http://hawaii.gov/tax/a5\\_3txcolrptarchive.htm](http://hawaii.gov/tax/a5_3txcolrptarchive.htm)> accessed April 9, 2009.

**Table 21.05-- GENERAL CONSTRUCTION STATISTICS FOR  
ESTABLISHMENTS WITH PAYROLL (NAICS 23): 2002**

[Excludes establishments without payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to 1997]

Measure	Amount
Number of establishments	2,350
Number of employees	
Total	27,287
Construction workers	19,726
Number in	
March	18,831
May	19,620
August	20,280
November	20,173
Payroll (\$1,000)	
All employees	1,139,031
Construction workers	770,909
Value of construction work (\$1,000) 1/	5,562,996
Value of construction work on government owned projects	1,616,901
Value of construction work on privately owned projects	3,946,095
Net value of construction work (\$1,000)	3,809,556
Value added (\$1,000)	2,527,112
Cost of materials, components, supplies, and fuels (\$1,000)	1,359,502
Cost of construction work subcontracted out to others (\$1,000)	1,753,440
Total rental cost (\$1,000) 2/	104,863
Capital expenditures, except land (\$1,000)	87,095
End-of-year gross book value of depreciable assets (\$1,000)	786,657

1/ Definition modified from the 1997 Economic Census definition. In the 1987-1997 censuses, the value of construction work was collected to measure actual construction activity done during the year. Studies have shown that respondents were not able to accurately report these data. In 2002, receipts, billings, or sales for construction work was collected.

2/ Includes the costs for renting and/or leasing construction machinery and equipment, transportation equipment, production equipment, office equipment, furniture and fixtures, scaffolding, office space, and buildings. It excludes costs for the rental of land. It also excludes costs under agreements that in effect are conditional sales contracts such as capital leases.

Source: U.S. Census Bureau, *2002 Economic Census, Geographic Area Series, Construction, Hawaii*, EC02-23A-HI (August 2005), Tables 1, 2 and 3 <<http://www.census.gov/prod/ec0223ahi.pdf>> accessed January 17, 2006.

**Table 21.06-- CHARACTERISTICS OF THE CONSTRUCTION INDUSTRIES (NAICS 23): 2002**

[Excludes establishments without payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to 1997]

NAICS code	Kind of business	Estab-lish-ments	No. of employees		Payroll (\$1,000)		Value of construct-ion work (\$1,000) 1/
			All	Con-struction workers	All employ-ees	Con-struction workers	
23	Total	2,350	27,287	19,726	1,139,031	770,909	5,562,996
236	Construction of buildings	739	8,404	5,769	386,971	238,965	2,947,094
2361	Residential building construction	566	4,237	2,897	173,663	102,698	1,450,660
23611	Residential building construction	566	4,237	2,897	173,663	102,698	1,450,660
236115	New single-family housing construction (except operative builders)	264	2,399	1,753	105,601	69,177	707,731
236116	New multi-family housing construction (except operative builders)	3	(D)	(D)	(D)	(D)	(D)
236117	New housing operative builders	2/ 86	(D)	(D)	38,122	(D)	561,504
236118	Residential remodelers	212	878	569	(D)	(D)	(D)
2362	Nonresidential building construction	174	4,167	2,872	213,308	136,267	1,496,434
237	Heavy and civil engineering construction 3/	141	3,161	2,142	146,568	95,454	606,389
2371	Utility system construction	43	1,043	812	45,363	32,346	(D)
2372	Land subdivision	2/ 44	470	130	19,843	6,621	(D)
2373	Highway, street, and bridge construction	24	829	625	49,127	34,399	(D)
238	Specialty trade contractors 3/	1,470	15,722	11,815	605,492	436,490	2,009,513
2381	Foundation, structure, and building exterior contractors	290	3,019	2,388	122,907	92,452	421,369
2382	Building equipment contractors 3/	512	5,374	3,926	229,221	158,706	815,502
23821	Electrical contractors	207	2,565	1,961	103,166	72,683	372,229
23822	Plumbing, heating, and air-conditioning contractors	280	2,320	1,653	96,844	65,305	358,921
2383	Building finishing contractors	487	4,344	3,309	153,957	111,693	426,827

D Withheld to avoid disclosing data of individual companies.

1/ Definition modified from the 1997 Economic Census definition. In the 1987-1997 censuses, the value of construction work was collected to measure actual construction activity done during the year. Studies have shown that respondents were not able to accurately report these data. In 2002, receipts, billings, or sales for construction work was collected.

2/ Sampling error exceeds 40 percent.

3/ Includes subgroups not shown separately.

Source: U.S. Census Bureau, *2002 Economic Census, Geographic Area Series, Construction, Hawaii*, EC02-23A-HI (August 2005), Tables 1 and 2 <<http://www.census.gov/prod/ec0223ahi.pdf>> accessed January 17, 2006.

**Table 21.07-- PRIVATE RESIDENTIAL CONSTRUCTION AND DEMOLITION  
AUTHORIZED BY PERMITS, BY COUNTY: 2003 TO 2008**

Category and year authorized	State total	City and County of Honolulu	Other counties			
			Total	Hawaii	Kauai	Maui
<b>New single family units</b>						
2003	5,558	2,315	3,243	1,932	422	889
2004	5,568	1,828	3,740	2,179	401	1,160
2005	6,026	1,917	4,109	2,698	440	971
2006	5,765	1,724	4,041	2,484	474	1,083
2007	4,532	1,244	3,288	1,852	374	1,062
2008	2,560	719	1,841	1,105	201	535
<b>New duplex units</b>						
2003	160	100	60	44	10	6
2004	226	84	142	82	32	28
2005	664	146	518	156	156	206
2006	368	246	122	4	74	44
2007	130	70	60	8	18	34
2008	206	56	150	6	2	142
<b>New apartment units</b>						
2003	1,079	260	819	413	122	284
2004	3,270	2,055	1,215	844	-	371
2005	3,186	1,775	1,411	615	408	388
2006	1,628	739	889	266	319	304
2007	2,701	1,893	808	307	284	217
2008	2,121	1,280	841	440	288	113
<b>Units demolished</b>						
2003	486	404	82	35	-	47
2004	(NA)	(NA)	122	56	22	44
2005	777	640	137	57	28	52
2006	662	557	105	43	15	47
2007	643	497	146	62	36	48
2008	606	494	112	52	21	39

NA Not available.

Source: Compiled from county building departments by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 21.08-- REVENUES OF TOP CONTRACTORS: 2006 TO 2008**

[In millions of dollars. Contractors with the highest revenues based on 2008 survey responses]

Rank	Contractor	2006 1/	2007 2/	2008
1	Hawaiian Dredging Construction Co., Inc.	556.00	646.00	497.00
2	DCK Pacific Construction Co., LLC 3/	337.00	301.00	445.00
3	Nordic PCL Construction Services, Inc. 4/	(NA)	(NA)	271.00
4	Ledcor Construction Hawaii, LLC 5/	133.85	205.50	270.90
5	Albert C. Kobayashi, Inc.	132.00	219.00	243.00
6	Grace Pacific Corp.	154.00	202.42	225.00
7	Unlimited Construction Services, Inc.	(NA)	(NA)	192.00
8	Frank Coluccio Construction Co.	(NA)	(NA)	147.00
9	Swinerton Builders	90.20	95.14	135.80
10	Kiewit Pacific Co.	58.00	96.00	131.08
11	Delta Construction Corp.	67.00	88.00	130.00
12	Kiewit Building Group, Inc.	43.11	89.90	125.58
13	Coastal Construction Co., Inc.	144.00	156.60	125.29
14	Group Builders, Inc.	80.30	125.70	115.70
15	Dorvin D. Leis Co., Inc.	105.20	117.30	105.93
16	Wasa Electrical Services, Inc.	(NA)	(NA)	103.00
17	Nan, Inc.	97.00	105.30	100.00
18	Isemoto Contracting Co., Ltd.	118.20	132.20	96.10
19	Parsons 6/	83.80	90.60	92.00
20	Maryl Group, Inc. 7/	123.00	120.50	75.30
21	Alakai Mechanical Corp.	(NA)	51.21	67.72
22	Royal Contracting Co., Ltd.	76.00	83.30	66.50
23	Pankow	172.20	71.50	62.70
24	Allied Builders System	50.00	63.00	57.00
25	Shioi Construction, Inc.	58.00	64.90	56.40

NA Not available.

1/ Figures furnished in 2007 by the 2006 Top 25 listees.

2/ Figures furnished in 2008 by the 2007 Top 25 listees.

3/ Formerly known as Dick Pacific Construction Co., Ltd.

4/ Formed by a merger between PCL Construction Services, Inc. and Nordic Construction, Ltd.

5/ Same as Ledcor -U.S. Pacific Construction, LLC which was included in the 2007 listing.

6/ In 2006, Parsons listed as Parsons RCI Inc.

7/ In the 2006 ranking, it was listed as Maryl Pacific Construction, Inc.

Source: *Building Industry*, "Building Industry Top 25 Contractors" (July 2009), p. 30 and 32.

**Table 21.09-- HONOLULU CONSTRUCTION COST INDEXES: 1990 TO 2008**

[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	99.4	97.1	101.5
1993	111.5	116.0	106.2	103.9	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)

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* (annual),

<[http://www.hawaii.gov/dbedt/info/economic/data\\_reports/info/economic/data\\_reports/qser/](http://www.hawaii.gov/dbedt/info/economic/data_reports/info/economic/data_reports/qser/)> accessed March 5, 2009 and records.

**Table 21.10-- CONDOMINIUM ASSOCIATIONS AND APARTMENTS  
REGISTERED: 1996 TO 2008**

[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>
1996	1,249	107,580	2003	1,456	134,444
1997	1,277	106,052	2004	1,469	135,708
1998 1/	1,339	112,832	2005	1,501	138,334
1999	1,361	114,449	2006	1,546	142,171
2000	1,389	116,750	2007	1,565	145,124
2001	1,419	118,209	2008	1,601	151,238
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://hawaii.gov/dcca/areas/real/main/reports/>> accessed February 3, 2009.

**Table 21.11-- CONDOMINIUM PROJECTS REGISTERED WITH THE STATE  
OF HAWAII: 2004 TO 2008**

[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>Subject</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Projects	411	469	543	459	417
Individual units	10,106	15,695	11,243	11,157	9,128

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Real Estate Branch, *2008 Annual Report Real Estate Commission*  
<<http://hawaii.gov/dcca/areas/real/main/reports/>> accessed February 3, 2009.

**Table 21.12-- NEW CONDOMINIUM PROJECTS, BY TYPE: 2004 TO 2008**

[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	2004	2005	2006	2007	2008
All types	1/ 233	288	311	249	224
Residential	192	2/ 219	3/ 230	3/ 178	3/ 146
2 units or fewer	34	57	3/ 70	3/ 28	3/ 49
3 to 15 units	72	33	3/ 37	3/ 33	3/ 21
16 to 50 units	30	66	3/ 67	3/ 65	3/ 23
More than 50 units	56	4/ 64	3/ 52	3/ 47	3/ 27
Commercial and other	12	25	47	29	37
Agricultural	29	44	34	42	41

1/ Figure differs from the one shown in the source publication. Revision was based on information from the Department of Commerce and Consumer Affairs's Real Estate Branch.

2/ Figure differs from the one shown in the source publication for the "New Residential Projects - By Size" table. Revision was based on information from the Department of Commerce and Consumer Affairs's Real Estate Branch.

3/ The total residential figure reflects the total number of projects received which includes projects that were eventually withdrawn or returned. Subcategory figures, however, reflect the number of projects that had an issuance of the developer's public report.

4/ Revised from previous *Data Book*. Figures differ from those shown in the source publication for the "New Residential Projects - By Size" table. Revision was based on information from the Department of Commerce and Consumer Affairs's Real Estate Branch.

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Real Estate Branch, *2008 Annual Report Real Estate Commission* <<http://hawaii.gov/dcca/areas/real/main/reports/>> accessed February 3, 2009 and records.

**Table 21.13-- HOUSING UNITS CONVERTED TO CONDOMINIUM UNITS:  
2004 TO 2008**

[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>Subject</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Projects	116	135	164	157	132
Units	1,422	2,347	1,177	903	664

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Real Estate Branch, *2008 Annual Report Real Estate Commission* <<http://hawaii.gov/dcca/areas/real/main/reports/>> accessed February 3, 2009.

**Table 21.14-- TIMESHARE PROPERTIES AND UNITS, BY ISLAND: 2008**

<b>Subject</b>	<b>State total</b>	<b>Oahu</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui</b>	<b>Molokai</b>
Properties 1/	85	14	18	23	29	1
Registered units 2/	8,276	1,910	1,416	2,286	2,657	7
Operated units 3/	8,263	1,909	1,414	2,276	2,657	7

1/ Includes any property which contains one or more timeshare units.

2/ Number of units which have been designated for sale as timeshare. They include units that are not yet available for sale, are currently available for sale, have already been sold, and are currently in use by visitors.

3/ Number of units which have been sold or are available for sale as timeshare.

Source: Hawaii State Department of Business, Economic Development & Tourism, *2008 Visitor Plant Inventory* <<http://hawaii.gov/dbedt/info/visitor-stats/visitor-plant/vpi2008.pdf>> accessed May 19, 2009.

**Table 21.15-- HOME EXEMPTIONS CLAIMED: 2003 TO 2008**

Tenure and county	2003	2004	2005	2006	2007	2008
<b>TOTAL OWNER-OCCUPIED 1/</b>						
State total	197,492	198,620	201,541	207,316	210,600	216,172
Honolulu	133,121	132,662	134,403	137,842	139,637	141,870
Maui	21,477	21,951	22,177	23,348	23,353	25,212
Hawaii	32,115	32,887	33,622	34,269	35,419	36,642
Kauai	10,779	11,120	11,339	11,857	12,191	12,448
<b>FEE SIMPLE</b>						
State total	187,607	190,685	192,946	199,238	203,409	209,260
Honolulu	124,913	126,076	127,233	131,123	133,760	136,326
Maui	20,652	21,154	21,430	22,597	22,602	24,396
Hawaii	31,466	32,526	33,140	33,841	35,021	36,265
Kauai	10,576	10,929	11,143	11,677	12,026	12,273
<b>LEASEHOLD</b>						
State total	9,885	7,935	8,595	8,078	7,191	6,912
Honolulu	8,208	6,586	7,170	6,719	5,877	5,544
Maui	825	797	747	751	751	816
Hawaii	649	361	482	428	398	377
Kauai	203	191	196	180	165	175

1/ "Owner-occupied" is the sum of the "fee" and "leasehold" home exemptions categories. From 2008, exemptions for low income persons qualifying for higher amounts of tax exemptions were shown in the separate category called ""In Lieu of Home Ex" . These figures were previously included in the "fee" and "leasehold" home exemptions categories.

Source: City and County of Honolulu, Budget and Fiscal Services Department, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates & Exemptions, State of Hawaii*, "Number and Amount of Exemption by Type and County" (annual)

<<https://www.realpropertyhonolulu.com/portal/rpadcms/Reports?parent=REPORTS>> accessed January 12, 2009.

**Table 21.16-- SELECTED HOUSING CHARACTERISTICS, BY COUNTY: 2000**

[Data include some condominium units used or intended for use by transients]

Subject	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County 1/
All housing units	460,542	315,988	62,674	25,331	56,549
Occupied housing units	403,240	286,450	52,985	20,183	43,622
Owner-occupied housing units	227,888	156,290	34,175	12,384	25,039
Renter-occupied housing units	175,352	130,160	18,810	7,799	18,583
Average household size	2.92	2.95	2.75	2.87	2.91
Owner-occupied housing units	3.07	3.13	2.79	3.01	3.13
Renter-occupied housing units	2.71	2.74	2.69	2.63	2.61
Vacant housing units	57,302	29,538	9,689	5,148	12,927
For rent	15,699	12,203	1,556	504	1,436
For sale only	3,720	2,572	678	152	318
Rented or sold, not occupied	2,683	1,690	463	108	422
For seasonal, recreational, or occasional use	25,584	6,856	5,101	3,850	9,777
For migrant workers	57	17	21	14	5
Other vacant	9,559	6,200	1,870	520	969
Homeowner vacancy rate (percent)	1.6	1.6	1.9	1.2	1.3
Rental vacancy rate (percent)	8.2	8.6	7.6	6.1	7.2
Owner-occupied:					
Family households	178,918	124,021	25,634	9,765	19,498
Married-couple family	143,564	99,455	20,531	7,921	15,657
Other family	35,354	24,566	5,103	1,844	3,841
Nonfamily households	48,970	32,269	8,541	2,619	5,541
Renter-occupied:					
Family households	108,150	81,651	11,269	4,807	10,423
Married-couple family	72,513	56,740	6,297	2,960	6,516
Other family	35,637	24,911	4,972	1,847	3,907
Nonfamily household	67,202	48,509	7,541	2,992	8,160

1/ Maui County includes Kalawao County. Kalawao County had 172 housing units.

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

**Table 21.17-- SUMMARY HOUSING CHARACTERISTICS, BY COUNTY: 2000**

[Data include some condominium units used or intended for use by transients]

Characteristic	State total	Hawaii County	City and County of Honolulu	Kauai County	Maui County 1/
All housing units	460,542	62,674	315,988	25,331	56,549
Percent--					
Structure built 1990-2000	18.1	26.0	14.6	29.4	23.8
Structure built before 1940	4.7	6.7	4.4	5.3	4.1
Lacking complete plumbing	1.0	2.7	0.6	0.9	1.0
Lacking complete kitchen facilities	1.4	3.0	1.2	1.6	1.1
Percent with no telephone service 2/	2.0	3.3	1.7	2.2	2.4
Median number of rooms	4.3	4.6	4.3	4.6	3/ 4.0
All occupied units	403,240	52,985	286,450	20,183	43,622
Percent householder moved into unit--					
1999 to March 2000	20.2	19.7	20.1	17.7	22.2
Before 1980	22.6	20.1	23.8	21.7	17.8
Percent of units with occupants per room of 1.51 or more	7.8	5.7	8.2	5.4	8.2
Specified owner-occupied units	173,861	29,914	113,155	10,839	19,953
Median value (dollars)	272,700	153,700	309,000	216,100	249,900
With a mortgage	122,128	19,167	81,606	7,224	14,131
Median monthly costs (dollars)	1,571	1,133	1,653	1,375	1,572
Monthly costs were 35 percent or more of household income	38,510	5,970	24,904	2,435	5,201
Not mortgaged	51,733	10,747	31,549	3,615	5,822
Median monthly costs (dollars)	271	212	289	269	260
Specified renter-occupied units	174,458	18,382	129,907	7,735	18,434
Median gross rent (dollars)	779	645	802	739	3/ 788
Rent was 35 percent or more of household income	50,848	5,637	37,543	2,320	5,348

1/ Maui County includes Kalawao County. Kalawao County had 172 housing units.

2/ Telephone service not available in the unit from which calls could be made and received. This includes cellular telephones.

3/ Maui County, not including Kalawao County. Median number of rooms for Kalawao County was 2.0. Median gross rent for Kalawao County was \$525. No median available for combined area of Maui and Kalawao County.

Source: U.S. Census Bureau, Census 2000 Summary File 3 "Table DP-4. Profile of Selected Housing Characteristics: 2000" (May 2002) <<http://www.census.gov/Press-Release/www/2002/demoprofiles.html>> accessed June 19, 2002.

**Table 21.18--CHARACTERISTICS OF HOUSING UNITS AND HOUSEHOLDS,  
FOR THE STATE, 2003 AND 2006, AND COUNTY, 2006**

Subject	The State		County, 2006			
	2003	2006	Hono- lulu	Maui	Hawaii	Kauai
Total housing units	477,333	501,956	332,196	63,364	77,577	28,819
Home ownership rates	56.6	60.9	59.0	60.2	69.1	66.1
Type of housing						
Single family homes	52.7	54.2	48.4	61.5	67.9	67.6
Condominium units	26.2	26.0	28.5	32.2	12.3	20.2
Total households	410,794	435,818	303,149	49,484	61,213	21,971
Household income (median dollars)	1/ 46,086	53,571	54,545	52,500	48,125	53,261
Average monthly mortgage (dollars)	1,433	1,167	1,142	1,461	1,057	1,165
Average monthly rent (dollars)	992	1,274	1,300	1,256	1,146	1,230
Overcrowded 2/	1/ 10	8	8	8	7	7
Monthly shelter payment as percentage of income 3/						
Under 30 percent	1/ 54.7	54.2	54.8	49.1	54.9	57.6
30 to 40 percent	1/ 18.5	11.3	10.9	14.3	11.1	10.8
Over 40 percent	1/ 17.5	22.7	22.0	27.1	22.0	21.6
Not enough information	1/ 9.5	11.8	12.0	9.4	12.0	10.0
Household type (percent)						
Single member household	22.0	22.9	24.1	21.5	19.5	19.8
Married, no children	29.1	22.8	21.8	24.8	25.6	25.0
Parent(s) and children	1/ 22.3	21.6	20.9	24.0	22.6	23.3
Unrelated roommates	1/ 3.2	3.2	3.3	3.6	2.6	3.3
Multiple families	21.6	28.8	29.3	25.8	28.7	28.2
Undetermined	1.8	0.6	0.5	0.3	1.0	0.4

1/ Revised from previous *Data Book*.

2/ Percent with 1.01 or more persons per room.

3/ Includes both rent and mortgage payments.

Source: *Housing Policy Study, 2006*, prepared by SMS Research & Marketing Services, Inc.  
(February 2007) <<http://www.hawaii.gov/dbedt/hhfdc/files-pdf/StateMASTER--Final.pdf>> accessed  
April 13, 2007.

**Table 21.19-- HOUSING UNIT ESTIMATES, BY COUNTY: 2000 AND 2007**

Subject and county	April 1, 2000 estimates base 1/	July 1, 2000	July 1, 2007
HOUSING UNITS			
State total	460,542	461,693	506,737
Hawaii County	62,674	63,023	77,650
Honolulu County	315,988	316,461	334,792
Kauai County	25,331	25,395	29,193
Maui County 2/	56,549	56,814	65,102
PERCENT CHANGE 3/			
State total	(NA)	4/ 0.2	10.0
Hawaii County	(NA)	4/ 0.6	23.9
Honolulu County	(NA)	4/ 0.1	6.0
Kauai County	(NA)	4/ 0.3	15.2
Maui County 2/	(NA)	4/ 0.5	15.1
SHARE OF STATE (PERCENT)			
State total	100.0	100.0	100.0
Hawaii County	13.6	13.7	15.3
Honolulu County	68.6	68.5	66.1
Kauai County	5.5	5.5	5.8
Maui County 2/	12.3	12.3	12.8

NA Not available.

1/ The April 1, 2000 Housing Unit Estimates Base reflects changes to the Census 2000 housing units from the Count Question Resolution program and geographic revisions. There were no changes for Hawaii between the Census 2000 Housing Unit count and the April 1, 2000 Housing Unit Estimates Base.

2/ Maui County including Kalawao County.

3/ Percent change from April 1, 2000 estimates base.

4/ From April 1, 2000 estimates base so percent change covers only a 3 month period.

Source: U.S. Census Bureau, Population Division "Table 4: Annual Estimates of Housing Units for Counties in Hawaii: April 1, 2000 to July 1, 2007" HU-EST2007-04-15 (August 21, 2008)  
<<http://www.census.gov/popest/housing/tables/HU-EST2007-04-15.xls>> accessed August 21, 2008;  
calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 21.20-- NUMBER OF HOUSING UNITS IN OAHU NEIGHBORHOODS:  
2000 AND 2008**

Neighborhood area 1/ (see maps)	2000 2/	2008 3/	Percent change
Oahu total	315,988	337,152	6.7
1 Hawaii Kai	10,175	11,296	11.0
2 Kuliouou-Kalani Iki	5,677	5,840	2.9
3 Waialae-Kahala	3,982	4,044	1.6
4 Kaimuki	6,991	7,077	1.2
5 Diamond Head/Kapahulu/St. Louis Heights	8,252	8,315	0.8
6 Palolo	4,279	4,359	1.9
7 Manoa	7,616	7,688	0.9
8 McCully/Moiliili	14,098	14,504	2.9
9 Waikiki	18,370	18,700	1.8
10 Makiki/Lower Punchbowl/Tantalus	16,141	16,815	4.2
11 Ala Moana/Kakaako	9,440	12,799	35.6
12 Nuuanu/Punchbowl	6,759	6,878	1.8
13 Downtown	7,341	8,426	14.8
14 Liliha/Kapalama	6,974	7,057	1.2
15 Kalihi-Palama	11,108	11,599	4.4
16 Kalihi Valley	4,169	4,203	0.8
17 Moanalua	3,462	3,473	0.3
18 Aliamanu/Salt Lake/Foster Village	12,927	12,950	0.2
19 Airport Area	6,477	6,501	0.4
20 Aiea	10,194	10,474	2.7
21 Pearl City	15,040	15,114	0.5
22 Waipahu	17,263	18,297	6.0
23 Ewa	13,044	17,300	32.6
24 Waianae Coast	12,141	12,877	6.1
25 Mililani/Waipio/Melemanu	12,001	12,630	5.2
26 Wahiawa	11,972	12,323	2.9
27 North Shore	6,648	6,731	1.2
28 Koolauloa	4,473	4,573	2.2
29 Kahaluu	4,587	4,679	2.0
30 Kaneohe	11,347	11,515	1.5
31 Kailua	15,752	15,832	0.5
32 Waimanalo	2,890	3,038	5.1
33 Mokapu	2,388	2,388	0.0
34 Makakilo/Kapolei/Honokai Hale	7,968	10,462	31.3
35 Mililani Mauka-Launani Valley	4,042	6,395	58.2

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

2/ Year 2000 census data aggregated by traffic zone data. This may differ from data aggregated by census blocks which are shown in Table 21.22.

3/ Estimated housing units based on traffic zones.

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

**Table 21.21-- 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/Moiliili	14,098	3,596	9,074	28.4	1.5	9.2
9 Waikiki	18,370	3,819	7,578	33.5	3.0	30.3
10 Makiki/Lower Punchbowl/Tantalus	16,122	5,717	9,050	38.7	2.1	7.8
11 Ala Moana/Kakaako	9,440	2,475	5,322	31.7	8.4	8.1
12 Nuuanu/Punchbowl	6,830	3,756	2,655	58.6	0.6	7.1
13 Downtown	7,341	1,554	5,263	22.8	4.6	5.8
14 Liliha/Kapalama	6,852	3,669	2,826	56.5	1.0	6.1
15 Kalihi-Palama	11,108	2,945	7,313	28.7	1.1	7.2
16 Kalihi Valley	4,169	2,363	1,578	60.0	0.8	6.0
17 Moanalua	3,462	1,615	1,604	50.2	0.6	3.0
18 Aliamanu/Salt Lake/ Foster Village	12,927	5,687	6,045	48.5	1.3	10.1
19 Airport	5,627	87	4,914	1.7	7.4	0.6
20 Aiea	11,044	6,188	4,392	58.5	0.9	5.5
21 Pearl City	14,440	9,980	4,030	71.2	0.7	4.0
22 Waipahu	18,453	11,216	6,257	64.2	1.9	7.1
23 Ewa	12,895	8,020	3,690	68.5	2.7	6.0
24 Waianae Coast	12,357	6,094	4,442	57.8	2.9	16.7
25 Mililani/Waipio/Melemanu	11,261	7,889	2,972	72.6	1.0	5.7
26 Wahiawa	12,115	3,350	7,253	31.6	2.6	5.4
27 North Shore	6,648	2,595	3,298	44.0	1.1	5.7
28 Koolauloa	4,473	1,801	1,881	48.9	2.0	9.9
29 Kahaluu	4,587	3,072	1,312	70.1	0.7	4.7
30 Kaneohe	13,351	9,030	3,770	70.5	0.8	5.3
31 Kailua	14,063	9,597	3,887	71.2	0.7	4.0
32 Waimanalo	2,575	1,670	772	68.4	0.9	3.1
33 Mokapu	2,388	29	2,303	1.2	0.0	2.1

Continued on next page.

**Table 21.21-- 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 21.22-- VACANCY AND HOMEOWNERSHIP RATES, FOR THE STATE  
AND HONOLULU MSA: 1994 TO 2008**

Year	Rental vacancy rate 1/		Homeowner vacancy rate 1/		Gross vacancy rate 2/		Year-round vacancy rate 3/		Homeownership rate 1/	
	State	Hono- lulu MSA 4/	State	Hono- lulu MSA 4/	State	Hono- lulu MSA 4/	State	Hono- lulu MSA 4/	State	Hono- lulu MSA 4/
1994	7.4	5.0	2.0	1.4	(NA)	(NA)	(NA)	(NA)	52.3	51.5
1995	6.3	5.4	2.0	1.8	(NA)	(NA)	(NA)	(NA)	50.2	49.1
1996	6.0	4.7	1.4	1.3	(NA)	(NA)	(NA)	(NA)	50.6	49.1
1997	7.1	6.4	1.6	1.3	(NA)	(NA)	(NA)	(NA)	50.2	48.5
1998	6.9	6.3	1.3	0.9	(NA)	(NA)	(NA)	(NA)	52.8	51.2
1999	7.6	7.6	1.8	1.2	(NA)	(NA)	(NA)	(NA)	56.6	56.0
2000	5.3	4.9	0.9	0.7	(NA)	(NA)	(NA)	(NA)	55.2	56.8
2001	8.2	8.0	0.8	0.6	(NA)	(NA)	(NA)	(NA)	55.5	55.4
2002 5/	7.3	5.5	0.9	1.0	(NA)	(NA)	(NA)	(NA)	57.9	57.0
2003	8.9	7.0	1.2	0.9	(NA)	(NA)	(NA)	(NA)	58.3	56.9
2004	7.7	5.8	1.3	1.1	(NA)	(NA)	(NA)	(NA)	60.6	59.4
2005	5.1	3.9	0.6	0.6	14.1	9.3	13.9	9.0	59.8	58.0
2006	5.5	3.9	1.0	0.8	15.5	10.4	13.8	9.0	59.9	58.4
2007	6.3	5.1	1.7	1.2	16.2	10.1	14.8	8.7	60.1	58.8
2008	7.2	5.1	1.7	1.0	16.1	9.9	14.6	8.6	59.1	57.2
Standard error 6/	1.3	1.3	0.5	0.5	1.2	1.2	(NA)	(NA)	2.0	2.3

NA Not available.

1/ In 2008, the rental vacancy rate for the entire U.S. was 10.0 and the rental vacancy rate for all U.S. inside metropolitan areas was 10.0; the homeowner vacancy rate for the entire U.S. was 2.8 and the homeowner vacancy rate for all U.S. inside metropolitan areas was 3.7; and the homeownership rate for the entire U.S. was 67.8 and the homeownership rate for all U.S. inside metropolitan areas was 67.8.

2/ Percentage of the total housing inventory that is vacant. The percentage numerator is all vacant units, while the percentage denominator is the sum of all occupied and vacant housing units. In 2008, the gross vacancy rate for the entire U.S. was 14.4 and for all U.S. inside metropolitan areas was 12.6.

3/ Percentage of the total housing inventory, excluding seasonal rentals, that is vacant. The percentage numerator is all year-round vacant units, while the percentage denominator is the sum of all year round vacant units and occupied units. In 2008, the year-round vacancy rate for the entire U.S. was 11.1 and for all U.S. inside metropolitan areas was 10.6.

4/ The Honolulu Metropolitan Statistical Area (MSA) consists of the City and County of Honolulu. The metropolitan data for 1994 are based on 1980 metropolitan/nonmetropolitan definitions; 1995 to 2004 data are based on 1990 metropolitan/nonmetropolitan definitions; and 2005 and later data are based on 2000 metropolitan/nonmetropolitan definitions.

5/ Revised dataset.

6/ 90-percent confidence interval of standard errors.

Source: U.S. Census Bureau, "Housing Vacancies and Homeownership Annual Statistics: 2008"  
<<http://www.census.gov/hhes/www/housing/hvs/annual08/ann08ind.html>> accessed March 11, 2009.

**Table 21.23-- BUILDING VACANCY RATES FOR COMPETITIVE OFFICE SPACE FOR THE METROPOLITAN HONOLULU OFFICE MARKET, BY SUBMARKET: 2000 TO 2008**

[The size of the Metropolitan Honolulu Office Market survey varies from year to year. For 2008, it included 100 multi-tenant Class A and Class B buildings with 20,000 square feet or more. Rates are percent of space reported vacant in survey]

<b>Vacancy Rate 1/</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Downtown 2/	12.2	13.5	13.5	13.0	11.6	9.8	7.3	10.1	9.6
Suburban 3/	14.1	13.7	14.8	11.6	10.7	8.4	7.9	7.2	8.1

1/ The vacancy rates are for Class A and Class B buildings which were included in the survey. Class A buildings are those in excellent locations which have high-quality tenants, high-quality finish, are well-maintained, are professionally managed, and are usually new, or old buildings that are competitive with new buildings. Class B buildings are those in good locations that are professionally managed and have fairly high-quality construction and tenancy. Class B buildings generally show very little functional obsolescence and deterioration.

2/ Downtown is comprised of the Central Business District Submarket. Buildings surveyed in Downtown are 40,000 square feet and above.

3/ Suburban is comprised of eight submarkets: Kapiolani Corridor (Ala Moana, Kakaako, Kapiolani); Waikiki; East Oahu (Hawaii Kai to Kahala); East Central Oahu (Kaimuku to Kalihi); West Central Oahu (Mapunapuna to Pearl City); Leeward (Pearl City to Waipahu); West Oahu (Waipahu to Kapolei); and Windward (Kailua to Kaneohe). Buildings surveyed in the suburban market are 20,000 square feet and above.

Source: CB Richard Ellis, Inc. Hawaii, records.

**Table 21.24-- STATE GOVERNMENT CAPITAL IMPROVEMENT  
PROJECT EXPENDITURES: 1990 TO 2008**

[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	627,360	293,229	35,735	348	212,446	85,602
2000	612,559	295,988	34,114	305	179,336	102,817
2001	611,167	328,885	44,123	331	114,234	123,594
2002	654,804	387,088	45,962	133	123,084	98,538
2003	847,667	416,975	197,475	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	1,474,939	545,559	439,468	33,812	247,366	208,734
2008	1,547,001	493,066	589,859	38,455	217,465	208,156

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 and calculations by the Hawaii State Department of Business, Economic Development & Tourism as cited in DBEDT's *Quarterly Statistical and Economic Report - 1st Quarter* (annual),

<[http://www.hawaii.gov/dbedt/info/economic/data\\_reports/info/economic/data\\_reports/qser/](http://www.hawaii.gov/dbedt/info/economic/data_reports/info/economic/data_reports/qser/)> accessed March 5, 2009.

**Table 21.25-- HAWAII PUBLIC HOUSING AUTHORITY  
OPERATIONS: 2008**

[Fiscal year ending June 30 unless otherwise specified]

<b>Subject</b>	<b>Number</b>
Total units owned and administered by the Hawaii Public Housing Authority (HPHA) 1/	6,195
Total units occupied (May 31, 2009)	5,649
Total number of occupants (May 31, 2009)	15,778
Federal Public Housing Operating Fund (\$1,000) 2/	13,361
Average rent charged per unit per month (dollars) 3/	302

1/ Formerly known as Housing and Community Development Corporation of Hawaii. Federal low-rent, 5,331; State low-rent, 864.

2/ Federal projects only; revenue amounts include Federal subsidies.

3/ Some units pay zero rent; some get a utility allowance greater than the amount of rent that would otherwise be charged.

Source: Hawaii State Department of Human Services, Hawaii Public Housing Authority, records.

**Table 21.26-- CHARACTERISTICS OF THE REAL ESTATE  
SUBSECTOR (NAICS 531): 2002**

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

NAICS code	Kind of business	Estab-lish-ments	Revenue (\$1,000)	Annual payroll (\$1,000)	Paid employ-ees 1/
531	Total	1,526	1,657,773	333,457	10,228
5311	Lessors of real estate	633	688,789	86,150	2,582
53111	Lessors of residential buildings & dwellings	327	146,844	22,725	1,063
531110	Lessors of residential bldgs & dwellings	327	146,844	22,725	1,063
5311101	Lessors of apartment buildings	261	126,459	18,602	900
5311109	Lessors of dwell other than apt bldgs	66	20,385	4,123	163
53112	Lessors of nonresidential buildings 2/	248	409,327	48,633	1,133
531120	Lessors of nonresidential buildings 2/	248	409,327	48,633	1,133
5311201	Lessors of professional & other office	111	166,767	20,134	502
5311202	Lessors of manufacture & industrial	34	55,839	5,307	137
5311203	Lessors of shopping ctr & retail stores	80	149,171	18,599	393
5311209	Lessors of other nonres bldgs/facilities	23	37,550	4,593	101
53113	Lessors of miniwarehouse & self-store units	31	26,744	3,429	188
53119	Lessors of other real estate property	27	105,874	11,363	198
5312	Offices of real estate agents and brokers	448	555,125	105,177	3,509
53121	Offices of real estate agents and brokers	448	555,125	105,177	3,509
531210	Offices of real estate agents and brokers	448	555,125	105,177	3,509
5312101	Offices of residential real estate agents and brokers	382	503,520	91,612	3,204
5312109	Offices of nonresidential real estate agents and brokers	66	51,605	13,565	305
5313	Activities related to real estate	445	413,859	142,130	4,137
53131	Real estate property managers	269	328,014	106,052	3,342
531311	Residential property managers	185	133,687	59,834	2,009
531312	Nonresidential property managers	84	194,327	46,218	1,333
53132	Office of real estate appraisers	66	24,575	10,317	232
53139	Other activities related to real estate	110	61,270	25,761	563

1/ Pay period including March 12.

2/ Except miniwarehouses.

Source: U.S. Census Bureau, *2002 Economic Census, Real Estate and Rental and Leasing, Geographic Area Series, Hawaii*, EC02-53A-HI (December 2004), table 1  
<<http://www.census.gov/prod/ec02/ec0253ahi.pdf>> accessed January 3, 2005.

**Table 21.27-- CHARACTERISTICS OF THE REAL ESTATE SUBSECTOR  
(NAICS 531), BY COUNTY AND SELECTED ISLAND AND  
CENSUS DESIGNATED PLACE: 2002**

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

<b>Geographic area</b>	<b>Establish- ments (number)</b>	<b>Revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Paid employees, pay period including March 12</b>
State total	1,526	1,657,773	333,457	10,228
Hawaii County	184	185,252	44,299	1,220
Hilo	61	27,498	5,170	204
Holualoa	9	(D)	(D)	(1/)
Kailua	42	38,855	14,697	426
Kalaoa	4	(D)	(D)	(1/)
Waikoloa Village	6	(D)	(D)	(1/)
Honolulu County	1,041	1,186,815	232,283	7,070
Aiea	7	3,290	419	16
Halawa	13	(D)	(D)	(2/)
Heeia	4	97	20	5
Honolulu	837	1,002,430	198,584	5,997
Kailua	24	12,145	2,230	58
Kaneohe	14	4,565	504	29
Mililani Town	11	(D)	(D)	(2/)
Pearl City	5	675	147	7
Wahiawa	11	2,601	458	21
Waianae	7	1,919	252	11
Waimalu	34	22,279	6,422	221
Waipahu	17	9,106	1,076	51
Waipio	7	(D)	(D)	(2/)
Kauai County	113	103,413	25,411	931
Kalaheo	5	(D)	(D)	(1/)
Kapaa	13	8,017	1,361	32
Lihue	22	10,197	2,204	78
Wailua Homesteads	6	(D)	(D)	(1/)
Waimea	9	4,714	684	19

Continued on next page.

**Table 21.27-- CHARACTERISTICS OF THE REAL ESTATE SUBSECTOR  
(NAICS 531), BY COUNTY AND SELECTED ISLAND AND  
CENSUS DESIGNATED PLACE: 2002 -- Con.**

<b>Geographic area</b>	<b>Establish- ments (number)</b>	<b>Revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Paid employees, pay period including March 12</b>
Maui County	188	182,293	31,464	1,007
Haiku-Pauwela	3	(D)	(D)	(1/)
Kahului	13	62,334	7,273	171
Kaunakakai	2	(D)	(D)	(1/)
Kihei	47	31,848	4,952	163
Lahaina	28	24,154	4,666	121
Makawao	11	4,807	991	23
Napili-Honokowai	15	(D)	(D)	(2/)
Pukalani	4	(D)	(D)	(1/)
Wailea-Makena	11	8,749	1,199	95
Wailuku	30	15,768	3,494	112
Island of Lanai	1	(D)	(D)	(1/)
Island of Molokai (excluding Kaunakakai CDP)	(NA)	(NA)	(NA)	(NA)

D Withheld to avoid disclosing data for individual companies.

NA Not available.

1/ 0 to 19 employees.

2/ 20 to 99 employees.

Source: U.S. Census Bureau, *2002 Economic Census, Real Estate and Rental and Leasing, Geographic Area Series, Hawaii*, EC02-53A-HI (December 2004)

<<http://www.census.gov/prod/ec02/ec0253ahi.pdf>> accessed January 3, 2005.

**Table 21.28-- REAL ESTATE LICENSES, ACTIVE AND INACTIVE, BY TYPE  
OF LICENSE AND LOCATION: APRIL 1, 2009**

[Real estate licenses are subject to renewal on or before December 31 of each even-numbered year]

Type of license	Active	Inactive	Location 1/	Active	Inactive
Total	12,837	5,215	Oahu	7,971	2,760
			Hawaii	1,770	576
Broker	5,415	631	Maui	1,976	714
Individual	3,000	582	Kauai	890	397
Sole owner	1,028	-	Molokai	46	5
Corporation or partnership	889	34	Lanai	12	6
Limited liability corporation/ limited liability partnership	498	15	U.S. mainland	169	736
			Foreign	3	19
Salesman	7,422	4,584	Unknown	-	2

1/ Based on address of licensee.

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Geographic Report (Current Licenses) as of April 1, 2009  
<[http://hawaii.gov/dcca/areas/pvl/main/reports/pvl\\_geo/](http://hawaii.gov/dcca/areas/pvl/main/reports/pvl_geo/)> accessed April 21, 2009.

**Table 21.29-- MULTIPLE LISTING SERVICE LISTINGS AND SALES, FOR OAHU: 1988 TO 2008**

[Data include single family, condominium/cooperative, vacant, multi-family, commercial/industrial, 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

Source: Honolulu Board of Realtors, Multiple Listing Service records.

**Table 21.30-- MULTIPLE LISTING SERVICE LISTINGS AND SALES, BY TYPE  
OF PROPERTY, FOR OAHU: 2006 TO 2008**

Year and type of property	Number listed	Number sold	Percent sold	Sales price (dollars)	
				Median	Mean
2006					
Total	18,905	10,823	57.2	(NA)	545,137
Single family	7,233	4,041	55.9	630,000	778,393
Condominium/cooperative	10,220	6,380	62.4	310,000	363,639
Vacant land	675	183	27.1	425,000	871,329
Multi-family	389	126	32.4	996,500	1,284,297
Commercial/industrial	178	63	35.4	750,000	1,738,133
Business opportunities	210	30	14.3	62,500	124,723
2007					
Total	17,030	9,484	55.7	(NA)	557,943
Single family	6,640	3,627	54.6	643,500	794,183
Condominium/cooperative	9,084	5,499	60.5	325,000	381,263
Vacant land	606	161	26.6	398,000	617,159
Multi-family	329	108	32.8	992,500	1,179,933
Commercial/industrial	151	51	33.8	870,000	1,599,067
Business opportunities	220	38	17.3	114,000	160,842
2008					
Total	16,060	6,936	43.2	(NA)	563,993
Single family	6,324	2,741	43.3	624,000	792,520
Condominium/cooperative	8,383	3,933	46.9	325,000	383,418
Vacant land	626	122	19.5	332,500	657,573
Multi-family	277	75	27.1	1,125,000	1,571,122
Commercial/industrial	182	35	19.2	750,000	831,885
Business opportunities	268	30	11.2	106,000	146,600

NA Not available.

Source: Honolulu Board of Realtors, Multiple Listing Service records.

**Table 21.31-- MULTIPLE LISTING SERVICE SINGLE FAMILY HOUSES SOLD,  
BY SELLING PRICE RANGE, FOR OAHU: 2006 TO 2008**

<b>Selling price range</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
All properties	4,041	3,627	2,711
On leased land	37	48	34
Percent	0.9	1.3	1.3
Less than \$100,000	4	1	5
\$100,000 to \$149,999	6	5	6
\$150,000 to \$199,999	29	17	10
\$200,000 to \$249,999	22	18	22
\$250,000 to \$299,999	45	26	29
\$300,000 to \$349,999	68	63	75
\$350,000 to \$399,999	128	139	140
\$400,000 to \$449,999	205	191	186
\$450,000 to \$499,999	318	278	238
\$500,000 to \$549,999	465	396	281
\$550,000 to \$599,999	473	389	255
\$600,000 to \$649,999	359	327	251
\$650,000 to \$699,999	352	304	222
\$700,000 to \$799,999	463	460	327
\$800,000 to \$899,999	359	268	201
\$900,000 to \$999,999	192	183	117
\$1.0 to \$1.9 million	431	443	288
\$2.0 to \$2.9 million	68	63	10
\$3.0 to \$3.9 million	25	29	15
\$4.0 to \$4.9 million	10	12	12
\$5.0 million or more	19	15	21
Median value (dollars)	630,000	643,500	624,000
Mean value (dollars)	778,393	794,183	792,520

Source: Honolulu Board of Realtors, Multiple Listing Service records.

**Table 21.32-- MULTIPLE LISTING SERVICE CONDOMINIUM AND  
COOPERATIVE UNITS SOLD, BY SELLING PRICE  
RANGE, FOR OAHU: 2006 TO 2008**

Selling price range	2006	2007	2008		
			Total	Fee simple	Leasehold
All properties	6,380	5,499	3,933	3,469	464
Less than \$50,000	20	21	11	4	7
\$50,000 to \$74,999	16	11	12	-	12
\$75,000 to \$99,999	57	28	29	6	23
\$100,000 to \$124,999	66	77	47	19	28
\$125,000 to \$149,999	139	96	85	36	49
\$150,000 to \$174,999	279	177	157	124	33
\$175,000 to \$199,999	399	268	176	145	31
\$200,000 to \$224,999	388	257	237	196	41
\$225,000 to \$249,999	413	380	245	210	35
\$250,000 to \$274,999	488	419	313	272	41
\$275,000 to \$299,999	647	571	360	328	32
\$300,000 to \$349,999	1,026	804	541	488	53
\$350,000 to \$399,999	695	643	473	441	32
\$400,000 to \$449,999	490	450	310	296	14
\$450,000 to \$499,999	327	345	228	222	6
\$500,000 to \$599,999	367	410	268	258	10
\$600,000 to \$699,999	225	178	162	156	6
\$700,000 to \$799,999	116	137	106	104	2
\$800,000 to \$899,999	61	78	71	70	1
\$900,000 to \$999,999	42	47	19	17	2
\$1,000,000 or more	119	102	83	77	6
Median value (dollars)	310,000	325,000	325,000	339,000	230,000
Mean value (dollars)	363,639	381,263	383,418	400,501	255,699

Source: Honolulu Board of Realtors, Multiple Listing Service records.

**Table 21.33-- MULTIPLE LISTING SERVICE, NUMBER OF SINGLE FAMILY AND CONDOMINIUM SALES, BY COUNTY: 1996 TO 2008**

[Data reported in previous *Data Books* were county level data]

Category and year	State total	Oahu 1/	Hawaii	Kauai	Maui
SINGLE FAMILY					
1996	3,298	1,733	917	184	464
1997	3,775	2,039	958	214	564
1998	4,698	2,495	1,176	336	691
1999	5,741	2,858	1,447	433	1,003
2000	6,226	3,153	1,549	515	1,009
2001	6,556	3,413	1,660	454	1,029
2002	7,380	3,885	1,932	538	1,025
2003	8,891	4,477	2,310	676	1,428
2004	2/ 9,395	2/ 4,749	2,692	698	1,256
2005	2/ 9,401	2/ 4,616	2,757	671	1,357
2006	2/ 7,567	2/ 3,928	2,084	477	1,078
2007	2/ 6,787	2/ 3,557	1,683	408	1,139
2008	5,030	2,694	1,147	284	905
CONDOMINIUM					
1996	3,085	1,952	408	134	591
1997	3,524	2,079	448	145	852
1998	4,480	2,651	502	270	1,057
1999	5,694	3,290	577	402	1,425
2000	6,577	3,900	659	419	1,599
2001	6,559	4,231	562	359	1,407
2002	8,284	5,407	706	472	1,699
2003	10,620	7,110	956	535	2,019
2004	11,711	8,156	1,081	521	1,953
2005	11,938	8,041	1,166	673	2,058
2006	8,875	6,197	750	698	1,230
2007	2/ 7,426	2/ 5,428	519	295	1,184
2008	5,192	3,864	371	169	788

1/ May differ from Honolulu Board of Realtors data used in other *Data Book* tables.

2/ Revised from previous *Data Book*.

Source: Prudential Locations Research, records.

**Table 21.34-- MULTIPLE LISTING SERVICE, MEDIAN SALES PRICE OF SINGLE FAMILY AND CONDOMINIUM SALES, BY COUNTY: 1996 TO 2008**

[In dollars. Data reported in previous *Data Books* were county level data]

Category and year	State total	Oahu 1/	Hawaii	Kauai	Maui
SINGLE FAMILY					
1996	270,000	334,000	164,000	220,000	262,250
1997	257,000	305,000	152,750	223,000	251,000
1998	250,000	298,000	158,000	230,000	254,000
1999	250,000	290,000	160,000	237,500	250,000
2000	260,000	298,000	175,000	255,000	275,000
2001	268,950	300,000	187,750	287,000	297,500
2002	310,000	335,000	193,500	327,750	375,000
2003	360,000	385,000	235,000	366,375	440,000
2004	440,000	465,000	290,000	498,925	560,000
2005	2/ 560,000	590,000	385,000	639,000	678,000
2006	2/ 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
CONDOMINIUM					
1996	165,500	174,000	128,500	149,000	175,000
1997	145,000	150,000	125,000	120,000	152,250
1998	138,000	134,000	122,500	128,000	161,000
1999	137,700	125,000	135,000	120,000	165,000
2000	140,000	125,000	135,000	150,000	195,000
2001	145,000	132,000	139,500	162,500	197,000
2002	165,000	153,000	165,500	210,000	207,000
2003	185,000	175,000	185,000	287,000	241,000
2004	230,000	208,125	275,000	375,000	310,000
2005	299,000	269,000	369,500	435,000	385,000
2006	339,000	310,000	426,498	405,000	510,000
2007	350,000	325,000	394,900	565,000	550,000
2008	347,500	325,000	369,000	545,000	549,500

1/ May differ from Honolulu Board of Realtors data used in other *Data Book* tables.

2/ Revised from previous *Data Book*.

Source: Prudential Locations Research, records.

**Table 21.35-- NUMBER OF DEEDS FILED AND RECORDED AND APPROXIMATE VALUE OF LAND CONVEYED: 2003 TO 2008**

[Fiscal year ending June 30 unless otherwise specified. Data include leases, agreement of sales assignments, subleases, timeshares, etc., as well as deeds]

<b>Subject</b>	<b>2003 1/</b>	<b>2004 1/</b>	<b>2005 1/</b>	<b>2006 1/</b>	<b>2007</b>	<b>2008</b>
Number of deeds filed and recorded	110,922	(NA)	(NA)	(NA)	77,993	37,557
Approximate value of land conveyed (\$1,000)	15,643,941	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available.

1/ Prior to 2007, data based on calendar year.

Source: Hawaii State Department of Land and Natural Resources, Bureau of Conveyances, records.

**Table 21.36-- NUMBER OF DEEDS FILED BY LAND SALE PRICE,  
BY COUNTY: 2007**

[Fiscal year ending June 30. Based on recording date. Data include leases, agreement of sales, assignments, subleases, timeshares, etc., as well as deeds]

<b>Sales</b>	<b>State total</b>	<b>Honolulu</b>	<b>Hawaii</b>	<b>Maui</b>	<b>Kauai</b>
Total	77,993	29,143	12,504	25,878	10,468
Less than \$250,000	57,110	16,451	9,125	22,525	9,009
\$250,000 to \$499,999	8,912	5,680	1,643	1,094	495
\$500,000 to \$599,999	3,408	2,182	499	540	187
\$600,000 to \$749,999	3,276	2,104	403	532	237
\$750,000 to \$999,999	2,382	1,453	269	435	225
\$1.0 to \$1.4 million	1,326	601	206	379	140
\$1.5 to \$1.9 million	586	249	107	133	97
\$2.0 to \$2.4 million	281	101	78	76	26
\$2.5 to \$2.9 million	170	61	38	52	19
\$3.0 million or more	542	261	136	112	33

Source: Hawaii State Department of Land and Natural Resources, Bureau of Conveyances, records.

**Table 21.37-- NUMBER OF DEEDS FILED BY CLASS: 2007 AND 2008**

[Fiscal year ending June 30. Based on recording date]

<b>Sales</b>	<b>2007</b>	<b>2008</b>	<b>% change</b>
Total	77,993	37,557	-51.8
Deed	26,609	22,523	-15.4
Timeshare deed	30,302	973	-96.8
Assignment of lease	1,504	1,610	7.0
Agreement of sale	127	102	-19.4
Timeshare (lease)	1,073	16	-98.5
Lease	556	691	24.4
Apartment deed	13,288	11,463	-13.7
Assignment of timeshare	1,296	9	-99.3
Reconveyance of timeshare	3,114	136	-95.6
Apartment lease	124	33	-73.5

Source: Hawaii State Department of Land and Natural Resources, Bureau of Conveyances, records.

**Table 21.38-- FORECLOSURE FILINGS, BY JUDICIAL CIRCUIT:  
1993 TO 2008**

<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

1/ City and County of Honolulu and Kalawao on Molokai.

2/ Maui County excludes Kalawao on Molokai.

3/ Hawaii County.

4/ Kauai County.

Source: The Judiciary, Office of the Administrative Director of the Courts, Statistics Office, records.

**Table 21.39-- FORECLOSURE MARKET STATISTICS FOR  
HAWAII AND THE UNITED STATES: 2007 AND 2008**

Subject	Hawaii	United States
2007		
Total foreclosure filings 1/	1,270	2,203,295
Total properties with filings	966	1,285,873
Percent household (foreclosure rate) 2/	0.20	1.03
Foreclosure rate rank 3/	43	(X)
2008		
Total foreclosure filings 1/	3,346	3,157,806
Total properties with filings	3,185	2,330,483
Percent change from 2007	229.7	81.2
Percent change from 2006	489.8	224.8
Percent housing units (foreclosure rate) 2/	0.64	1.84
Foreclosure rate rank 3/	34	(X)

X Not applicable.

1/ Includes foreclosure-related documents in all three phase of foreclosure - Default (Notice of Default and Lis Pendens; Auction (Notice of Trustee Sale and Notice of Foreclosure Sale); and Real Estate Owned or REO properties (that has been foreclosed on and repurchased by a bank).

2/ Based on the U.S. Census Bureau's estimate of total housing units.

3/ Highest rate ranking 1 among the 50 states and D.C.

Source: RealtyTrac, "U.S. Foreclosure Activity Increases 75 Percent in 2007" (January 29, 2008) <<http://www.realtytrac.com/ContentManagement/pressrelease.aspx?ChannelID=9&ItemID=3988&acct=64847>> accessed July 3, 2008 and "Foreclosure Activity Increases 81 Percent in 2008" (January 15, 2009) <<http://www.realtytrac.com/ContentManagement/pressrelease.aspx?ChannelID=9&ItemID=5681&acct=64847>> accessed February 2, 2009.

**Table 21.40-- ELEVATORS: 2006**

[As of December 31]

Facility	State total	Oahu	Hawaii		Maui	Molo-kai	Lanai	Kauai
			Hilo	Kona				
Total	5,451	4,193	141	286	586	1	20	224
Hydro (Under 9 stories)	1,907	1,215	80	170	277	1	9	155
Roped:	3,544	2,978	61	116	309	-	11	69
Under 9 stories	1,668	1,199	50	116	238	-	11	54
9 to 18 stories	1,155	1,058	11	-	71	-	-	15
19 to 28 stories	407	407	-	-	-	-	-	-
29 to 38 stories	218	218	-	-	-	-	-	-
39 stories or more	96	96	-	-	-	-	-	-

Source: Hawaii State Department of Labor and Industrial Relations, Division of Occupational Safety and Health, Boiler and Elevator Inspection Bureau, records.

**Table 21.41-- ESCALATORS AND SIMILAR FACILITIES: 2007**

[As of December 31. Information in the source database is currently being updated so data may differ significantly from previous *Data Books*]

Facility	State total	Oahu	Hawaii		Maui	Molo-kai	Lanai	Kauai
			Hilo	Kona				
Total	1,034	814	53	19	105	4	2	37
Escalators & moving walks/ speed ramps	438	406	5	1	24	-	-	2
Inclined lifts	10	7	1	1	-	-	1	-
Private industrial elevators	36	2	-	1	19	-	-	14
Manlifts	8	6	-	1	-	1	-	-
Handicap/chairlifts	323	232	31	8	36	3	1	12
Dumbwaiters	219	161	16	7	26	-	-	9

Source: Hawaii State Department of Labor and Industrial Relations, Division of Occupational Safety and Health, Boiler and Elevator Inspection Bureau, records.

**Table 21.42-- TALLEST STRUCTURES, BY ISLAND: MARCH 2009**

Island and structure	Location	Year completed	Height	
			Stories	Feet
BUILDINGS 1/				
Hawaii: Bayshore Towers	Hilo	1970	15	135
Maui: The Whaler	Kaanapali	1975	12	170
Lanai: Manele Hotel	Hulopoe Bay	1991	3	48
Molokai: Molokai Light Station	Kalaupapa	1909	(NA)	138
Oahu: 2/ First Hawaiian Center	999 Bishop Street	1996	27	438
Hawaiki Tower	404 Piikoi Street	1999	47	400
Kauai: Marriott Resort & Beach Club	Lihue	1959	10	107
OTHER STRUCTURES				
Hawaii: Coast Guard LORAN Station	Upolu Point	1958	(X)	625
Maui: KMVI Radio Tower	Wailuku	1992	(X)	455
Lanai: Storage tanks	Manele Harbor	(NA)	(X)	50
Molokai: KAIM Radio Tower	Kalua Koi	1981	(X)	410
Oahu: VLF Antenna	Lualualei	1972	(X)	1,503
Kauai: Communication Engineers Tower	Mana	1964	(X)	400

NA Not available.

X Not applicable.

1/ Shown separately for the tallest in feet and also (if different) for the tallest in number of stories.

2/ Not shown are several 400 feet tall buildings with fewer than 47 stories.

Source: Compiled from county building departments by the Hawaii State Department of Business, Economic Development & Tourism.

## Section 22

# MANUFACTURES

This section presents statistics on the manufacturing segment of the economy, including sugar processing and pineapple canning. Additional information on manufacturing workers appears in Sections 12 and 15.

Sources for data on this subject include the *U.S. 2002 Economic Census*, the *U.S. Annual Survey of Manufactures*, publications of the Hawaii State Department of Agriculture and the Hawaii State Department of Taxation, and the *Hawaiian Sugar Manual* of the former Hawaiian Sugar Planters' Association, now the Hawaii Agriculture Research Center. *Historical Statistics of Hawaii*, Section 16, contains the figures for earlier years. Statistics for the nation as a whole appear in Section 21 of the *Statistical Abstract of the United States: 2009*.

**Table**  
**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): 2001 to 2006
<a href="#">22.02</a>	Detailed Manufacturing Statistics (NAICS) 31 - 33): 1997 and 2002
<a href="#">22.03</a>	Statistical Summary of Manufacturing (NAICS 31- 33), by County: 2002
<a href="#">22.04</a>	Manufacturing, by Selected Industry Groups (NAICS 31 - 33): 2006
<a href="#">22.05</a>	Manufacturing, Employment and Wages (NAICS 31-33), by Selected NAICS Code: 2007
<a href="#">22.06</a>	General Excise Tax Base for Manufacturing: 1987 to 2008
<a href="#">22.07</a>	Industrial and High-Technology Parks, by Island: 2007 and 2008
<a href="#">22.08</a>	Pineapple Companies and Canneries, and Sugar Companies and Mills, 1955 to 2007, and by Island, 2006 and 2007
<a href="#">22.09</a>	Sugar and Molasses Production: 1991 to 2008
<a href="#">22.10</a>	Value of Sales for Pineapple and Sugar Production: 1980 to 2007

**Table 22.01-- STATISTICAL SUMMARY OF MANUFACTURES  
(NAICS 31- 33): 2001 TO 2006**

[In millions of dollars unless otherwise noted. Industry groups with 950 employees or more; for 2002 data, with 100 employees or more. Statistics based on the North American Industry Classification System (NAICS)]

Subject	2001	2002	2003	2004	2005	2006
All employees						
Number (1,000)	14.4	13.2	13.6	14.0	14.0	14.0
Payroll	447.4	421.3	434.4	518.5	481.0	503.8
Production workers						
Number (1,000) 1/	9.1	8.9	9.0	8.8	9.0	9.0
Hours (millions)	16.7	16.8	17.6	18.6	18.7	18.1
Wages	224.7	254.7	269.1	319.2	282.5	299.5
Value added by manufacture	907.3	1,217.7	1,224.5	1,477.8	1,847.6	2,049.1
Cost of materials 2/	2,268.6	2,246.5	2,641.9	3,092.7	4,716.2	5,301.5
Value of shipments 2/	3,196.4	3,460.2	3,879.7	4,519.0	6,442.6	7,301.0
Total capital expenditures	157.2	83.0	91.3	98.3	146.4	173.5

1/ For years 2001 to 2004, average number of production workers for the payroll periods that include the 12th of March, May, August, and November, plus other employees for the payroll period that includes the 12th of March. For years 2005 and 2006, average number of production workers for the payroll periods that include the 12th of March, June, September, and December, plus other employees for the payroll period that includes the 12th of March.

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, 2001*, M01(AS)-3 (January 2003), table 2; *2003*, M03(AS)-3 (May 2005), table 2; *2004*, M04(AS)-3 (January 2006), table 2; *2005*, M05 (AS)-3 (November 2006), table 2; *2006* (December 2006) <<http://www.census.gov/mcd/asm-as3.html>> accessed March 5, 2008; U.S. Census Bureau, *2002 Economic Census, Manufacturing, Geographic Area Series, Hawaii*, EC02-31A-HI (RV) (September 2005), table 1 <<http://www.census.gov/prod/ec02/ec0231ahi.pdf>> accessed October 6, 2005.

**Table 22.02-- DETAILED MANUFACTURING STATISTICS  
(NAICS 31 - 33): 1997 AND 2002**

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

Item	Value	
	1997	2002
Companies 1/	895	(NA)
All establishments 2/	921	929
1 to 19 employees	762	772
20 to 99 employees	130	135
100 employees or more	29	22
All employees 3/	15,109	13,200
Total compensation (\$1,000)	503,407	512,860
Annual payroll	405,045	421,269
Total fringe benefits	98,362	91,591
Production workers, average for year	9,899	8,865
On March 12	9,835	8,858
On May 12	9,768	8,830
On August 12	10,194	8,880
On November 12	9,799	8,859
Production-worker hours (1,000)	18,362	16,837
Production-worker wages (\$1,000)	231,595	254,713
Total cost of materials (\$1,000)	1,941,147	2,246,539
Materials, parts, containers, packaging, etc., used	1,673,002	1,904,259
Resales	152,624	246,016
Purchased fuels	51,118	41,001
Purchased electricity	23,281	21,969
Contract work	41,122	33,294
Quantity of electricity purchased for heat and power (1,000 kWh)	245,275	204,563
Quantity of electricity generated less sold for heat and power (1,000 kWh)	(4/)	356,114
Total value of shipments (\$1,000)	3,192,532	3,460,199
Value of resales	181,478	280,656
Value added (\$1,000)	1,262,448	1,217,728
Total inventories, beginning of year (\$1,000)	336,547	366,172
Finished goods	175,028	195,042
Work-in-process	46,214	74,346
Materials and supplies	115,305	96,784

Continued on next page.

**Table 22.02-- DETAILED MANUFACTURING STATISTICS  
(NAICS 31 - 33): 1997 and 2002 -- Con.**

Item	Value	
	1997	2002
Total inventories, end of year (\$1,000)	351,344	370,990
Finished goods	188,052	237,652
Work-in-process	47,984	31,358
Materials and supplies	115,308	101,980
Gross value of depreciable assets (acquisition costs) at beginning of year (\$1,000)	1,221,564	1,386,417
Total capital expenditures (new and used)	100,707	82,960
Buildings and other structures	38,742	13,569
Machinery and equipment	61,965	69,391
Automobiles, trucks, etc., for highway use	(NA)	5,399
Computers and peripheral data processing equipment	(NA)	4,080
All other expenditures for machinery and equipment	(NA)	59,912
Total retirements	24,447	33,527
Gross value of depreciable assets at end of year (\$1,000)	1,297,824	1,435,850
Depreciation charges during year (\$1,000)	68,301	76,908
Total rental payments (\$1,000)	38,447	51,216
Buildings and other structures	23,072	36,161
Machinery and equipment	15,375	15,055

NA Not available.

1/ For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

2/ Includes establishments with payroll at any time during the year.

3/ Average number of production workers for pay period that includes the 12th of March, May,

4/ Withheld to avoid disclosing data for individual companies; data are included in higher level totals. August, and November plus other employees for payroll period that includes the 12th of March.

Source: U.S. Census Bureau, *1997 Economic Census, Manufacturing, Geographic Area Series, Hawaii*, EC97M31A-HI (May 2000), table 5; U.S. Census Bureau, *2002 Economic Census, Manufacturing, Geographic Area Series, Hawaii*, EC02-31A-HI (RV) (September 2005), table 5  
<<http://www.census.gov/prod/ec02/ec0231ahi.pdf>> accessed October 6, 2005.

**Table 22.03-- STATISTICAL SUMMARY OF MANUFACTURING  
(NAICS 31 - 33), BY COUNTY: 2002**

[For the State, industries with 100 employees or more; for the counties, industries with 500 employees or more. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census]

<b>Subject</b>	<b>State total</b>	<b>City and County of Honolulu</b>	<b>Hawaii County</b>	<b>Kauai County 1/</b>	<b>Maui County</b>
All establishments 2/ With 20 employees or more	929 157	683 132	114 14	39 3	93 8
All employees					
Number	13,200	10,253	1,246	210	1,491
Payroll (\$1,000)	421,269	326,845	38,289	5,903	50,232
Production workers					
Number 3/	8,865	6,855	740	129	1,141
Hours (1,000)	16,837	12,920	1,466	247	2,204
Wages (\$1,000)	254,713	195,266	20,463	3,344	35,640
Value added by manufacture (\$1,000)	1,217,728	948,546	97,719	14,403	157,060
Cost of materials 4/ (\$1,000)	2,246,539	2,017,417	102,186	13,047	113,889
Value of shipments 4/ (\$1,000)	3,460,199	2,959,134	204,377	26,132	270,556
Total capital expenditures (\$1,000)	82,960	59,572	6,371	443	16,574

1/ Kauai data calculated as residual by the Hawaii State Department of Business, Economic Development & Tourism.

2/ Includes establishments with payroll at any time during the year.

3/ Average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

4/ Aggregate of cost of materials and value of shipments include extensive duplication since products of some industries are used as materials by others.

Source: U.S. Census Bureau, 2002 *Economic Census, Manufacturing, Geographic Area Series, Hawaii*, EC02-31A-HI (RV) (September 2005), tables 1 and 3 <<http://www.census.gov/prod/ec02/ec0231ahi.pdf>> accessed October 6, 2005. Calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 22.04-- MANUFACTURING, BY SELECTED INDUSTRY GROUP  
(NAICS 31 - 33): 2006**

[Industry groups with 950 employees or more. Statistics based on the North American Industry Classification System (NAICS)]

<b>Subject</b>	<b>Total</b>	<b>Food NAICS 311</b>	<b>Food, bakeries &amp; tortilla NAICS 3118</b>	<b>Other food NAICS 3119</b>	<b>Printing &amp; related support NAICS 323</b>	<b>Non- metallic mineral NAICS 327</b>	<b>Miscel- laneous NAICS 339</b>	<b>Other miscel- laneous NAICS 3399</b>
All employees								
Number 1/	13,933	4,947	1,590	1,486	1,538	1,077	1,309	1,061
Payroll (\$1,000)	503,761	158,474	39,938	41,861	54,875	54,586	37,989	28,646
Production workers								
Number 1/	8,966	3,096	1,152	1,025	899	738	652	482
Hours (1,000)	18,148	6,500	1,860	1,994	1,732	1,654	1,238	890
Wages (\$1,000)	299,466	94,006	25,320	24,601	31,183	37,541	16,496	10,151
Value added (\$1,000)	2,049,067	544,935	105,648	164,666	121,418	190,714	60,483	45,337
Total cost of materials (\$1,000) 2/	5,301,463	444,485	59,998	141,602	61,645	130,820	66,475	60,715
Total value of shipments (\$1,000) 2/	7,300,965	986,050	164,288	301,316	181,624	322,444	121,757	100,946
Total capital expenditures (\$1,000)	173,501	45,698	5,163	3,757	5,125	14,644	4,099	3,962

1/ Average number of production workers for the March 12, June 12, September 12, and December 12 pay periods, plus other employees for the payroll period that includes the 12th of March.

2/ Aggregate of total cost of materials and total value of shipments includes extensive duplication, since products of some industries are used as materials of others.

Source: U.S. Census Bureau, 2006 Geographic Area Statistics, "2006 Annual Survey of Manufactures"  
<<http://www.census.gov/mcd/asm-as3.html>> accessed June 16, 2008.

**Table 22.05-- MANUFACTURING, EMPLOYMENT AND WAGES  
(NAICS 31-33), BY SELECTED NAICS CODE: 2007**

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

NAICS code	Kind of business	Average establishments	Annual average employment	Total annual wages (\$1,000)	Annual wages per employee
	Total	1,093	15,270	575,633	37,698
311	Food	324	6,264	176,026	28,099
3113	Sugar & confectionery product	23	853	29,812	34,946
3114	Fruit & vegetable preserving & specialty	25	540	19,530	36,189
3115	Dairy product	15	376	16,856	44,800
3116	Animal slaughtering & processing	21	532	14,724	27,655
3118	Bakeries & tortilla	146	2,146	48,730	22,706
312	Beverage and tobacco product	37	888	38,900	43,806
3121	Beverage	37	888	38,900	43,806
314	Textile product mills	31	262	7,126	27,182
315	Apparel	66	682	14,204	20,837
321	Wood product	34	(1/)	(1/)	(1/)
3212	Plywood & engineered wood product	9	231	8,701	37,749
3219	Other wood product	18	123	4,031	32,814
322	Paper	9	200	9,004	44,982
323	Printing & related support activities	125	1,159	39,954	34,466
325	Chemical	33	364	18,019	49,527
326	Plastics & rubber products	18	270	11,206	41,567
327	Nonmetallic mineral product	74	1,159	67,027	57,819
3272	Glass & glass product	12	49	1,590	32,668
3273	Cement & concrete product	35	879	56,541	64,336
3279	Other nonmetallic mineral products	20	201	8,213	40,927
332	Fabricated metal product	47	480	22,316	46,483
3323	Architectural & structural metals	30	277	11,851	42,834
334	Computer & electronic product	13	55	3,489	63,436
336	Transportation equipment	29	692	37,948	54,858
3366	Ship & boat building	19	647	36,063	55,710
337	Furniture & related product	72	582	24,119	41,423
339	Miscellaneous	160	1,152	37,696	32,711
3391	Medical equipment & supplies	44	291	11,316	38,943
3399	Other miscellaneous	117	862	26,380	30,609

1/ Data do not meet Bureau of Labor Statistics or State agency disclosure standards.

Source: U.S. Department of Labor, Bureau of Labor Statistics, *Employment and Wages, Annual Averages 2007*, table 10 <<http://www.bls.gov/cew/cewbultn07.htm>> accessed May 28, 2009.

**Table 22.06-- GENERAL EXCISE TAX BASE FOR MANUFACTURING:  
1987 TO 2008**

[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	1995	614,771	2003	638,863
1988	629,303	1996	622,889	2004	642,245
1989	630,997	1997	581,259	2005 1/	738,573
1990	728,387	1998	535,371	2006	781,626
1991	714,407	1999	585,305	2007	766,208
1992	714,470	2000	586,039	2008	795,352
1993	717,423	2001	611,292		
1994	618,238	2002	612,658		

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Taxation, "General Excise and Use Tax Base" (annual) and as revised. Beginning in 1997, <[http://www.state.hi.us/tax/a5\\_3txcolrptarchive.htm](http://www.state.hi.us/tax/a5_3txcolrptarchive.htm)> accessed June 22, 2009.

**Table 22.07-- INDUSTRIAL AND HIGH-TECHNOLOGY PARKS,  
BY ISLAND: 2007 AND 2008**

<b>Subject</b>	<b>State total</b>	<b>Hawaii</b>	<b>Maui</b>	<b>Molokai</b>	<b>Oahu</b>	<b>Kauai</b>
2007						
Number of parks	25	4	4	1	14	2
Total acres	4,772.20	1,794.00	751.00	16.50	2,141.70	69.00
Developed acres	2,863.50	512.00	208.00	6.70	2,068.30	68.50
Number of tenants 1/	1,692	184	616	1	834	57
Number of owners 2/	418	4	147	9	178	80
2008						
Number of parks	25	4	5	1	13	2
Total acres	4,866.80	1,867.00	776.30	16.50	2,138.00	69.00
Developed acres	3,067.12	717.00	232.30	6.70	2,042.12	69.00
Number of tenants 3/	1,101	184	20	1	836	60
Number of owners 4/	629	86	248	9	193	93

1/ Data on number of tenants not available for 3 parks, 2 on Maui and 1 on Oahu.

2/ Data on number of owners not available for 2 parks, 1 on Maui and 1 on Oahu.

3/ Data on number of tenants not available for 5 parks, 4 on Maui and 1 on Oahu.

4/ Data on number of owners not available for 2 parks on Oahu.

Source: *Pacific Business News*, Vol. 45, No. 46 (January 11, 2008), p. 24; Vol. 46, No. 46 (January 9, 2009), p. 18.

**Table 22.08-- PINEAPPLE COMPANIES AND CANNERIES, AND  
SUGAR COMPANIES AND MILLS, 1955 TO 2007,  
AND BY ISLAND, 2006 AND 2007**

Year	Pineapple (end of canning season)		Sugar (December 31)	
	Companies	Canneries	Companies 1/	Mills
1955	10	8	28	26
1960	8	9	27	27
1965	6	6	25	27
1970	4	4	23	26
1975	3	3	16	17
1980	3	3	15	14
1985	3	2	14	12
1990	4	2	12	12
1994	3	1	9	10
1995	3	1	8	10
1996	3	1	4	6
1997	3	1	4	6
1998	3	1	4	6
1999	3	1	4	6
2000	3	1	3	4
2001	3	1	2	2
2002	3	1	2	2
2003	3	1	2	2
2004	3	1	2	2
2005	3	1	2	2
2006	3	1	2	2
2007	2	-	2	2
ISLAND: 2006				
Hawaii	-	-	-	-
Maui	1	1	1	1
Oahu	2	-	-	-
Kauai	-	-	1	1
ISLAND: 2007				
Hawaii	-	-	-	-
Maui	1	-	1	1
Oahu	1	-	-	-
Kauai	-	-	1	1

1/ In operation; excludes cooperatives.

Source: Pineapple Growers Association of Hawaii, records; *Hawaiian Sugar Manual (annual)* ;  
Dole Food Company, records; Hawaii Agriculture Research Center, records.

**Table 22.09-- SUGAR AND MOLASSES PRODUCTION: 1991 TO 2008**

Year	Cane land (acres)		Cane used for sugar (short tons)	Sugar produced (short tons)		Molasses produced (short tons)
	Total area	Harvested area 1/		96° raw value	Equivalent refined	
1991	155,609	67,716	5,852,668	724,100	676,744	202,214
1992	145,790	62,123	5,432,286	652,304	609,643	203,739
1993	121,322	64,705	5,506,072	677,405	633,103	211,658
1994	98,413	64,951	5,268,859	658,538	615,470	200,835
1995	81,957	48,507	3,952,347	492,346	460,147	163,305
1996	68,816	36,769	3,542,460	437,262	408,665	145,369
1997	67,820	32,033	2,923,594	356,917	333,575	131,173
1998	67,585	30,347	2,725,744	353,893	330,748	125,909
1999	60,758	35,329	2,891,499	367,532	343,495	141,481
2000	43,821	30,194	2,364,357	301,165	281,469	101,329
2001	50,410	19,293	1,876,613	246,203	230,101	85,894
2002	47,476	21,311	2,108,810	270,084	252,421	89,885
2003	47,733	19,851	2,029,761	261,009	243,939	89,631
2004	43,465	21,790	1,978,821	257,866	241,002	80,466
2005	40,145	21,735	1,754,581	252,342	235,839	72,675
2006	42,080	20,413	1,614,691	213,185	199,243	65,505
2007	(NA)	20,385	2/ 1,492,357	206,008	192,535	62,231
2008	(NA)	20,426	1,422,296	185,171	173,061	62,278

NA Not available.

1/ The average growth of a crop is 22 to 26 months. Only a portion of the total acreage in cane is harvested each year.

2/ Revised from previous year *Data Book*.

Source: Hawaiian Sugar Planters' Association, *Hawaiian Sugar Manual* (annual), and records; Hawaii Agriculture Research Center, records.

**Table 22.10-- VALUE OF SALES FOR PINEAPPLE AND SUGAR PRODUCTION:  
1980 TO 2007**

[In millions of dollars]

Year	Pineapple		Sugar	
	Canned fruit and juices 1/	Fresh market sales 2/	Raw sugar 96°	Commercial molasses
1980	192.2	34.3	566.4	27.7
1981	172.0	45.6	314.2	13.7
1982	156.1	49.9	343.9	7.6
1983	171.6	47.4	396.5	13.7
1984	202.0	47.6	382.9	10.1
1985	171.7	50.8	331.9	8.9
1986	184.9	53.5	348.4	13.5
1987	202.9	48.5	325.0	10.9
1988	191.7	55.3	312.9	11.1
1989	182.7	59.2	313.6	8.4
1990	161.6	54.3	319.0	9.9
1991	172.7	51.9	261.0	9.7
1992	141.8	55.9	229.2	8.4
1993	86.6	54.0	242.9	9.0
1994	81.1	53.0	239.2	8.7
1995	72.5	62.5	190.5	9.7
1996	78.2	68.8	160.8	8.0
1997	73.0	63.7	127.5	5.0
1998	81.3	63.8	130.3	2.8
1999	72.3	72.5	129.5	1.8
2000	60.8	71.4	93.1	2.8
2001	67.7	68.9	86.4	4.2
2002	71.0	73.0	95.9	4.4
2003	64.4	78.5	95.9	3.1
2004	57.3	65.9	91.7	2.4
2005	49.8	63.6	87.9	4.6
2006	(NA)	3/ 60.5	74.8	4.9
2007	(NA)	(D)	70.9	5.4

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.

3/ Revised from previous *Data Book*.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (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 July 20, 2009; and records.

## Section 23

# DOMESTIC TRADE AND SERVICES

This section presents statistics relating to retail and wholesale trade; hotels; and selected personal, business, automotive, repair, and amusement services, including the motion picture industry. Related data are included in Sections 7, 12, 14 and 15.

The major sources of these data are the U.S. Census Bureau, *2002 Economic Census, Geographic Area Series*, Retail Trade, Wholesale Trade, and all others relating to the services industry. Statistics on the retailing, wholesaling, and services tax bases are available from the Hawaii State Department of Taxation. Data on hotel room counts, occupancy and other characteristics are published by the Hawaii State Department of Business, Economic Development & Tourism's Tourism Research Branch. The Film Industry Branch of the Hawaii State Department of Business, Economic Development & Tourism compiles data on motion picture and television production. A summary of figures on trade and services in earlier years appears in *Historical Statistics of Hawaii*, Section 20. The *Statistical Abstract of the United States: 2009*, Section 22 and 27, presents similar data for other states and the nation as a whole.

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<a href="#">23.40</a>	Hotel Rooms, Occupancy Rates, and Daily Room and Guest Rates: 1989 to 2008
<a href="#">23.41</a>	Hotel Room Occupancy and Room Rates, by Geographic Area: 2008
<a href="#">23.42</a>	General Excise Tax Base for Rentals: 1985 to 2008
<a href="#">23.43</a>	Computer and Software Stores and Services: 2002
<a href="#">23.44</a>	Motion Picture Services: 1977 to 2002
<a href="#">23.45</a>	Motion Picture and Television Production: 2000 to 2004

**Table 23.01-- GENERAL EXCISE TAX BASE FOR TRADE AND SERVICE  
ACTIVITIES: 1985 TO 2008**

[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

1/ Calendar year in which reported, including "prior years" reports. Income received in December is reported the following January, hence these annual totals generally refer to an "income year" ended November 30.

2/ Includes both business and professional services but excludes hotels, theater, amusement, broadcasting, and intermediary services.

3/ Theater, amusement, radio, etc.

Source: Hawaii State Department of Taxation, "General Excise and Use Tax Base" (annual tabular release). see also <[http://www.state.hi.us/tax/a5\\_3txcolrpt.htm](http://www.state.hi.us/tax/a5_3txcolrpt.htm)>.

**Table 23.02-- RETAIL ESTABLISHMENTS, BY PAYROLL STATUS:  
1972 TO 2002**

[Coverage has differed somewhat from census to census]

Year	Number of establishments			Sales (million dollars)		
	Total	With payroll	Without payroll	Total	With payroll	Without payroll
old definition:						
1972	6,392	4,491	1,901	1,865	1,820	45
1977	7,388	5,273	2,115	3,294	3,223	71
1982	8,917	6,139	2,778	5,193	5,102	92
1987	11,143	7,195	3,948	8,267	8,084	183
1992	13,185	7,807	5,378	11,510	11,250	260
1997	17,478	7,860	9,618	13,638	13,299	339
new definition: 1/						
1997	14,098	5,088	9,010	11,628	11,318	310
2002	13,719	4,924	8,795	13,362	13,008	354

1/ Excludes foodservices (eating and drinking places), included in earlier censuses.

Source: U.S. Census Bureau, *1972 Census of Retail Trade, Hawaii*, RC72-A-12 (July 1974), table 1; *1977 Census of Retail Trade, Hawaii*, RC77-A-12 (June 1979), table 1; *1982 Census of Retail Trade, Hawaii*, RC82-A-12 (September 1984), table 1; *1987 Census of Retail Trade, Hawaii*, RC87-A-12 (May 1989), table 1, and *Nonemployer Statistics Series, West*, RC87-N-4 (February 1990), table 2; *1992 Census of Retail Trade, Hawaii*, RC92-A-12 (October 1994), table 1, and *Nonemployer Statistics Series, Summary*, RC92-N-1 (February 1995), table 3; *1997 Economic Census, Retail Trade, Hawaii*, EC97R44A-HI (November 1999), table 1; *1997 Economic Census Accomodation and Foodservices*, EC97R72A-HI (October 1999), table 1; *1997 Economic Census, Nonemployer Statistics*, EC97X-CS4 (January 2001), table 2; *2002 Economic Census, Retail Trade, Geographic Area Series, Hawaii*, EC02-44A-HI, (January 2005), table 1; and *2002 Economic Census, Nonemployer Statistics, Hawaii*, <<http://www.census.gov/epcd/nonemployer/2002/hi/HI000.HTM>> accessed February 2, 2005.

**Table 23.03-- FOOD SERVICES & DRINKING PLACES (NAICS 722)  
BY TYPE OF SERVICE: 2002**

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

<b>NAICS code</b>	<b>Type of service</b>	<b>Establishments (number)</b>	<b>Sales (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Paid employees, pay period including March 12 (number)</b>
722	Food services & drinking places	2,858	2,331,592	645,689	50,781
7221	Full-service restaurants	1,081	1,185,561	368,028	27,296
7222	Limited-service eating places	1,401	869,160	207,744	18,613
7223	Special food services	109	174,794	46,889	2,556
72231	Food service contractors	56	150,324	39,650	2,011
72232	Caterers	33	20,778	6,430	479
72233	Mobile food services	20	3,692	809	66
7224	Drinking places (alcoholic beverages)	267	102,077	23,028	2,316

Source: U.S. Census Bureau, *2002 Economic Census, Accommodation and Food Services, Geographic Area Series, Hawaii*, EC02-72A-HI, (January 2005), table 1.

**Table 23.04-- CHARACTERISTICS OF RETAIL ESTABLISHMENTS  
(NAICS 44-45) WITH PAYROLL, BY BROAD GEOGRAPHIC AREA: 2002**

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

<b>Subject</b>	<b>State total</b>	<b>Oahu</b>	<b>Other Islands</b>
Number of establishments	4,924	3,065	1,859
Sales (\$1,000)	13,008,182	8,816,634	4,191,548
Annual payroll (\$1,000)	1,333,809	880,174	453,635
First quarter payroll (\$1,000)	320,859	212,995	107,864
Paid employees for pay period including March 12	63,794	41,968	21,826

Source: U.S. Census Bureau, *2002 Economic Census, Retail Trade, Geographic Area Series, Hawaii*, EC02-44A-HI, (January 2005), tables 1 and 2.

**Table 23.05-- RETAIL ESTABLISHMENTS (NAICS 44-45), FOR COUNTY AND SELECTED URBAN PLACE: 2002**

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

<b>Geographic area</b>	<b>Number of establishments</b>	<b>Sales (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Paid employees for pay period including March 12 (number)</b>
State total	4,924	13,008,182	1,333,809	63,794
Hawaii County	691	1,704,360	176,092	8,541
Captain Cook	8	17,240	2,282	96
Hawaiian Beaches	3	3,828	486	35
Hilo	249	792,491	83,458	3,863
Holualoa	14	22,105	1,687	77
Kailua	165	409,803	42,869	2,174
Kalaoa	23	147,713	11,327	346
Waikoloa Village	19	26,456	3,385	157
Honolulu County	3,065	8,816,634	880,174	41,968
Ahuimanu	6	15,842	1,358	82
Aiea	119	368,185	40,304	2,292
Ewa Beach	10	16,972	2,052	110
Halawa	23	20,135	2,771	125
Hauula	14	14,711	1,532	157
Heeia	3	402	61	4
Honolulu	2,088	5,375,770	534,189	25,050
Kailua	97	276,470	32,230	1,543
Kaneohe	111	386,227	40,319	1,841
Laie	7	16,106	1,809	110
Maili	7	6,329	512	30
Maunawili	6	7,180	451	34
Mililani Town	41	221,123	22,837	169
Nanakuli	11	23,480	1,896	109
Pearl City	44	372,240	26,067	1,333
Pupukea	5	13,320	1,448	70
Schofield Barracks	3	1,547	436	26
Wahiawa	37	94,355	8,535	419
Waialua	6	3,446	446	31
Waianae	21	74,924	7,568	450
Waimalu	58	206,585	24,433	833

Continued on next page.

**Table 23.05-- RETAIL ESTABLISHMENTS (NAICS 44-45) WITH PAYROLL, FOR COUNTY AND SELECTED URBAN PLACE: 2002 -- Con.**

<b>Geographic area</b>	<b>Number of establishments</b>	<b>Sales (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Paid employees for pay period including March 12 (number)</b>
Honolulu County - Con.				
Waimanalo	9	15,580	2,057	84
Waimanalo Beach	6	6,070	585	32
Waipahu	110	588,471	49,549	1,971
Waipio	14	29,882	3,597	145
Kauai County	352	714,715	78,749	4,084
Hanamaulu	3	3,332	387	28
Kalaheo	11	6,654	778	59
Kapaa	67	137,703	14,772	730
Lihue	83	280,163	28,795	1,295
Waimea	27	69,217	7,615	342
Maui County	816	1,772,473	198,794	9,201
Haiku-Pauwela	11	7,202	1,046	59
Island of Lanai	11	14,540	2,197	105
Island of Molokai 1/	5	4,161	487	36
Kahului	213	880,875	94,179	4,071
Kaunakakai	22	32,943	3,985	200
Kihei	65	183,662	16,143	884
Lahaina	198	253,968	32,133	1,531
Makawao	21	10,126	1,555	105
Napili-Honokowai	15	24,066	2,376	110
Pukalani	7	27,960	2,885	136
Wailea-Makena	60	74,342	11,529	556
Wailuku	59	94,711	11,129	525

1/ Balance of Molokai Island excluding Kaunakakai.

Source: U.S. Census Bureau, *2002 Economic Census, Retail Trade, Geographic Area Series, Hawaii*, EC02-44A-HI, (January 2005), tables 1, 3 and 4.

**Table 23.06-- RETAIL ESTABLISHMENTS (NAICS 44-45) WITH PAYROLL, BY KIND OF BUSINESS: 2002**

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

NAICS code	Kind of business	Number of establishments	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees 1/
44-45	Retail trade	4,924	13,008,182	1,333,809	63,794
441	Motor vehicle and parts dealers	336	2,552,832	218,125	6,013
442	Furniture and home furnishings stores	189	258,702	38,995	1,440
443	Electronics and appliance stores	171	290,837	29,290	1,332
444	Building material and garden equipment and supplies dealers	255	748,447	90,904	3,605
445	Food and beverage stores	722	2,258,963	236,558	12,080
446	Health and personal care stores	295	961,240	100,170	4,915
447	Gasoline stations	324	778,401	53,129	3,443
448	Clothing and clothing accessories stores	1,239	1,506,061	190,245	10,753
451	Sporting goods, hobby, book, and music stores	330	359,850	46,009	2,935
452	General merchandise stores	107	2,568,623	244,563	11,633
453	Miscellaneous store retailers	809	560,414	85,053	4,751
454	Nonstore retailers	147	163,812	20,768	894

1/ For pay period including March 12.

Source: U.S. Census Bureau, *2002 Economic Census, Retail Trade, Geographic Area Series, Hawaii*, EC02-44A-HI, (January 2005), table 1.

**Table 23.07-- PRIVATE INDUSTRY RETAIL EMPLOYMENT AND WAGES,  
ANNUAL AVERAGES (NAICS 44-45): 2007**

[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	4,651	70,321	1,883,610	26,786
441	Motor vehicle and parts dealers	329	7,147	316,516	44,288
442	Furniture and home furnishings stores	202	1,802	62,865	34,878
4421	Furniture stores	96	874	32,094	36,732
44221	Floor covering stores	38	435	18,888	43,430
442291	Window treatment stores	9	49	1,762	35,898
442299	All other home furnishings stores	59	445	10,120	22,758
443	Electronics and appliance stores	136	1,721	45,554	26,472
443111	Household appliance stores	25	119	3,876	32,643
443112	Radio, TV, and other electronics stores	66	851	20,985	24,654
44312	Computer and software stores	35	(D)	(D)	(D)
44313	Camera and photographic supplies stores	10	(D)	(D)	(D)
444	Building material and garden supply stores	272	4,999	159,771	31,963
44411	Home centers	35	2,218	61,467	27,717
44412	Paint and wallpaper stores	19	130	5,783	44,600
44413	Hardware stores	62	1,361	38,414	28,218
44419	Other building material dealers	117	929	44,597	47,984
44421	Outdoor power equipment stores	8	61	2,059	33,660
44422	Nursery, garden, and farm supply stores	31	299	7,450	24,889
445	Food and beverage stores	595	12,822	307,913	24,015
44511	Supermarkets and other grocery stores	215	9,239	232,373	25,152
44512	Convenience stores	137	1,530	28,145	18,400
44521	Meat markets	28	216	6,125	28,369
44522	Fish and seafood markets	37	393	9,859	25,102
44523	Fruit and vegetable markets	21	143	2,613	18,227
445291	Baked goods stores	15	97	2,802	28,759
445292	Confectionery and nut stores	36	342	7,440	21,760
445299	All other specialty food stores	51	640	14,562	22,750
4453	Beer, wine, and liquor stores	56	222	3,994	17,998
446	Health and personal care stores	346	5,414	164,507	30,384
44611	Pharmacies and drug stores	180	3,892	126,747	32,564
44612	Cosmetic and beauty supply stores	60	601	14,316	23,823
44613	Optical goods stores	31	370	9,295	25,132
446191	Food, health, supplement stores	45	339	6,613	19,499
446199	All other health and personal care stores	30	212	7,536	35,521
447	Gasoline stations	234	2,606	56,215	21,571
44711	Gasoline stations with convenience stores	179	2,167	46,429	21,428
44719	Other gasoline stations	55	439	9,786	22,279

Continued on next page.

**Table 23.07-- PRIVATE INDUSTRY RETAIL EMPLOYMENT AND WAGES,  
ANNUAL AVERAGES (NAICS 44-45): 2007 -- Con.**

NAICS code	Retail trade	Average establishments	Average employment	Total wages (\$1,000)	Wages per employee
448	Clothing and clothing accessories stores	1,201	11,633	250,991	21,576
44811	Men's clothing stores	68	946	17,172	18,162
44812	Women's clothing stores	246	2,753	56,934	20,683
44813	Children's and infants' clothing stores	27	244	2,714	11,139
44814	Family clothing stores	95	2,132	34,182	16,035
44815	Clothing accessories stores	82	750	21,829	29,089
44819	Other clothing stores	194	1,297	20,892	16,110
4482	Shoe stores	105	1,124	22,229	19,784
44831	Jewelry stores	367	2,083	65,190	31,290
44832	Luggage and leather goods stores	19	305	9,850	32,286
451	Sporting goods, hobby, book and music stores	345	3,313	62,143	18,756
45111	Sporting goods stores	181	1,555	31,860	20,488
45112	Hobby, toy, and game stores	41	544	8,035	14,761
45113	Sewing, needlework, and piece goods stores	14	118	2,604	22,081
45114	Musical instrument and supplies stores	19	111	2,264	20,409
45121	Book stores and news dealers	59	828	15,049	18,175
45122	Prerecorded tape, CD, and record stores	31	157	2,331	14,857
452	General merchandise stores	125	12,638	303,019	23,978
452111	Department stores, except discount	24	3,827	78,555	20,525
452112	Discount department stores	28	5,233	121,447	23,210
45291	Warehouse clubs and supercenters	10	2,640	86,813	32,885
45299	All other general merchandise stores	63	938	16,203	17,279
453	Miscellaneous store retailers	773	5,892	144,162	24,468
4531	Florists	95	495	8,319	16,823
45321	Office supplies and stationery stores	54	810	23,331	28,792
45322	Gift, novelty, and souvenir stores	341	2,720	64,439	23,692
4533	Used merchandise stores	49	453	9,176	20,241
45391	Pet and pet supplies stores	39	(D)	(D)	(D)
45392	Art dealers	119	595	19,383	32,563
453991	Tobacco stores	8	(D)	(D)	(D)
453998	Store retailers not specified elsewhere	68	(D)	(D)	(D)
454	Nonstore retailers	96	335	9,954	29,720

D Data do not meet BLS or State agency disclosure standards.

Source: U.S. Department of Labor, *Employment and Wages Annual Averages 2007*, table 10, <<http://www.bls.gov/cew/cewbultn07.htm>> accessed February 19, 2009.

**Table 23.08-- RETAIL TRADE AND FOOD SERVICES SALES, BY  
TYPE OF STORE: 2007**

[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	2007
All retail stores 1/	44, 45	24,817
Total Retail sales and food and drink	44, 45, 722	20,984
Motor vehicle and parts dealers	441	3,799
Furniture and home furnishings	442	561
Electronics and appliances	443	420
Building material and garden equipment and supply dealers	444	1,799
Food and beverage stores	445	3,446
Health and personal care	446	1,378
Gasoline stations	447	1,684
Clothing and clothing accessories	448	2,873
Sporting goods, hobby, book, & music stores	451	482
General merchandise	452	3,277
Miscellaneous store	453	873
Nonstore retailers	454	394
Food services & drinking places	722	3,833

1/ Includes other types of stores, not shown separately.

Source: Market Statistics (a division of Claritas Inc., Arlington VA), *The Survey of Buying Power Data Service*, annual, estimates cited in U.S. Census Bureau, *Statistical Abstract of the United States: 2009*, pp. 648-649.

**Table 23.09-- CHARACTERISTICS OF MAJOR SHOPPING CENTERS: 2002**

[Includes all centers on Oahu with more than 250,000 square feet of gross leaseable area and all centers on other islands with more than 150,000 square feet]

Island and name of center	Location	Year opened	Site area (acres)	Gross leaseable area (1,000 square feet)	Parking spaces	Number of stores
Oahu:						
Ala Moana Center	Honolulu	1959	50	1,800	9,000	230
Kahala Mall	Honolulu	1970	20	455	2100+	100
Koko Marina S.C.	Honolulu	1963	15	283	861	58
Moanalua S.C.	Honolulu	1952	15	250	500	50+
Pearl City S.C.	Pearl City	1967	14	255	837	34
Pearl Highlands Center	Pearl City	1993	13	410	2,000	24
Pearlridge Center	Aiea	1972	56	1,400	6,580	170
Royal Hawaiian S.C.	Honolulu	1980	7	293	614	150
Town Center of Mililani	Mililani	1987	45	489	2,502	70+
Victoria Ward Center	Honolulu	1980	65	650	1,200	165
Waikele Center	Waipahu	1993	42	522	2,162	25
Windward Mall S.C.	Kaneohe	1982	32	530	2,300	100
Hawaii:						
Keauhou Shopping Center	Kailua	1984	21	170	893	48
Prince Kuhio Plaza	Hilo	1985	46	504	2,831	75
Waiakea Center	Hilo	1997	18	229	1,157	16
Maui:						
Lahaina Market Place	Lahaina	1969	2	208	16	17
Maui Mall	Kahului	1971	25	193	700	43
Maui Marketplace	Kahului	1997	20	315	1,400	25
Piilani Village S.C.	Kihei	2000	15	150	750	30
Queen Kaahumanu Center	Kahului	1972	32	573	2,864	102
Shops at Wailea	Wailea	2000	16	161	900	62
Kauai:						
Kukui Grove Center	Lihue	1982	35	315	1,568	60

Source: International Council of Shopping Centers, Hawaii Council of Shopping Centers, 2002 *Hawaii Council of Shopping Centers Directory*.

**Table 23.10-- CHARACTERISTICS OF SHOPPING MALLS: 2007 AND 2008**

Subject	Hawaii		United States	Hawaii as percent of U.S.
	2007	2008	2008	
Shopping center space (millions sq ft)	(NA)	26.9	6,800	0.4
Number of shopping centers	(NA)	263	100,104	0.3
Shopping center (billions of dollars)	9.3	9.4	2,330	0.4
Number of jobs (in thousands)	47.8	47.0	12,900	0.4
State sales tax revenue (millions of dollars)	400.0	400.0	136,900	0.3
New shopping center construction (number)	6	8	1,905	0.4
Value of center construction, new and renovation (millions of dollars)	146.5	195.6	24,900	0.8

Source: International Council of Shopping Centers <[http://www.icsc.org/government/state\\_stats/Hawaii.pdf](http://www.icsc.org/government/state_stats/Hawaii.pdf)> accessed May 22, 2009.

**Table 23.11-- SHOPPING CENTER CHARACTERISTICS: 2002 TO 2005**

<b>Characteristic</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
Gross leasable area (million square feet)	20	21	21	21
Retail sales (billion dollars)	5.7	6.1	6.7	7.4
Retail sales per square foot (dollars)	279	297	321	346

Source: U.S. Census Bureau, *Statistical Abstract of the United States: 2008* (p. 658) and earlier editions, see also <<http://www.census.gov/compendia/statab/>> accessed January 7, 2008.

**Table 23.12-- CHARACTERISTICS OF EATING AND DRINKING PLACES: 2002**

[Includes only establishments of firms with payroll]

Subject	Full- service restaurants	Limited- service restaurants	Cafeterias, buffets, and grill buffets	Drinking Places (alcoholic beverages)
Establishments in business at end of year	994	1,067	12	238
Sales, calendar year (million dollars)	1185.6	751.3	12.5	102.1
Seats, Dec. 31	98,321	61,206	1,494	10,269
Average cost per meal (establishments):				
Less than \$2.00	-	1	-	(X)
\$2.00 to \$4.99	21	204	-	(X)
\$5.00 to \$6.99	62	660	-	(X)
\$7.00 to \$9.99	411	120	-	(X)
\$10.00 to \$14.99	146	113	-	(X)
\$15.00 to \$19.99	143	47	13	(X)
\$20.00 to \$29.99	110	-	-	(X)
\$30.00 or more	188	-	-	(X)
Menu type or specialty (establishments):				
Italian	125	78	-	(X)
Mexican	45	50	-	(X)
Chinese	68	225	-	(X)
Other ethnic	269	216	13	(X)
Seafood	76	1	-	(X)
Steak	45	8	-	(X)
Pizza	203	90	-	(X)
Chicken	-	1	-	(X)
Hamburger	10	172	-	(X)
Sandwich (Sub shop)	-	121	-	(X)
Other food specialty	12	31	-	(X)
Establishments with no food specialty	228	152	-	(X)

X Not applicable.

Source: U.S. Census Bureau, *2002 Economic Census, Accommodation and Food Services, Subject Series, EC02-72SX-SB* (December 2005), pp. 3, 16, 34 and 49.

**Table 23.13-- DUTY-FREE STORE REVENUES: 1985 TO 2008**

[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	1997	355,636,355
1986	270,891,959	1998	271,692,798
1987	369,788,429	1999	192,429,772
1988	445,072,755	2000	229,392,900
1989	451,185,041	2001	215,257,193
1990	413,932,037	2002	149,962,722
1991	378,587,469	2003	158,854,936
1992	421,953,644	2004	168,305,421
1993	397,322,968	2005	189,517,794
1994	413,417,555	2006	174,632,693
1995	419,548,514	2007	147,125,047
1996	425,824,748	2008	130,749,679

Source: DFS Hawaii, records; for 1995-2008 data Hawaii State Department of Transportation, Airport Division, records.

**Table 23.14-- ALCOHOLIC BEVERAGE SALES, BY TYPE: 2006 TO 2008**

[Fiscal year ending June 30]

Category	Wine gallons of 128 fluid ounces			Wholesale value, 2008 (dollars)
	2006	2007	2008	
All types	36,970,982	37,273,879	38,134,537	518,469,467
Distilled spirits	1,985,998	2,025,171	2,076,423	117,578,919
Sparkling wine	258,108	273,728	267,387	17,451,123
Still wine	3,552,543	3,674,139	3,827,244	140,628,196
Cooler beverage	459,835	401,978	378,096	4,577,391
Draft beer	2,706,714	2,724,226	2,784,432	16,959,536
Beer other than draft	28,007,784	28,174,637	28,800,955	221,274,302

Source: Hawaii State Department of Taxation, Tax Research and Planning, records.

**Table 23.15-- PRODUCT LINE SALES FOR RETAIL TRADE  
(NAICS 44-45): 2002**

<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	4,924	13,008,182	(X)	100.0
20100	Groceries & other food for human consumption off the premises	1,288	2,275,025	37.3	17.5
20120	Meals, unpack snacks, sandwiches, etc for immediate consumption	538	138,395	4.7	1.1
20140	Packaged liquor, wine, & beer	733	311,171	7.0	2.4
20150	Cigars, cigarettes, etc & smokers' access, excluding sls from vending	871	242,454	4.7	1.9
20160	Drugs, health aids, beauty aids, including cosmetics	958	1,010,043	16.7	7.8
20180	Soaps, detergents, & household cleaners	530	119,128	2.5	0.9
20190	Paper & related products, including paper towels, toilet tissue, wraps, etc	558	106,507	2.3	0.8
20200	Men's wear	763	377,927	10.4	2.9
20220	Women's, juniors', & misses' wear	1,085	762,169	16.3	5.9
20240	Children's wear, including boys, girls, & infants & toddlers	416	148,437	6.6	1.1
20260	Footwear, including accessories	558	216,447	8.2	1.7
20270	Sewing, knitting materials & supplies, needlework goods	79	20,479	1.6	0.2
20280	Curtains, draperies, blinds, slipcovers, bed & table coverings	166	83,622	3.0	0.6
20300	Major household appliances	146	130,559	6.0	1.0
20310	Small electric appliances & personal care appliances	135	27,180	1.1	0.2
20320	TVs, video recorders, video cameras, video tapes, DVDs, etc	259	157,918	6.7	1.2
20330	Audio equipment, musical instruments, radios, stereos, CDs, records, etc	294	131,751	4.8	1.0
20340	Furniture, sleep equipment & outdoor/patio furniture	297	203,455	7.2	1.6
20360	Flooring & floor coverings	135	89,975	9.7	0.7
20370	Computer hardware, software, & supplies	129	155,467	8.2	1.2
20380	Kitchenware & home furnishings	609	178,537	3.7	1.4

Continued on next page.

**Table 23.15-- PRODUCT LINE SALES FOR RETAIL TRADE  
(NAICS 44-45): 2002 -- Con.**

<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	1,004	477,049	13.9	3.7
20420	Books	308	89,694	4.3	0.7
20440	Photographic equipment & supplies	137	48,654	1.7	0.4
20460	Toys, hobby goods, & games	408	161,957	4.5	1.2
20490	Optical goods, including eyeglasses, contact lenses, sunglasses, etc	228	48,135	2.3	0.4
20500	Sporting goods	387	174,278	6.3	1.3
20580	RVs, including camping trailers, travel trailers, truck campers, etc	8	2,066	5.1	1/
20600	Hardware, tools, & plumbing & electrical supplies	296	264,122	7.4	2.0
20620	Lawn, garden, & farm equipment & supplies	395	197,866	5.0	1.5
20640	Dimensional lumber & other building/ structural materials & supplies	154	244,128	40.6	1.9
20670	Paint & sundries	147	81,765	5.6	0.6
20690	Wallpaper & other flexible wallcoverings	13	232	0.3	1/
20700	Automobiles, cars, vans, trucks, motorcycles, motor scooters, etc	126	2,039,901	87.3	15.7
20720	Automotive fuels	332	521,054	38.2	4.0
20730	Automotive lubricants, including oil, greases, etc	355	21,823	1.0	0.2
20740	Automotive tires, tubes, batteries, parts, accessories	452	289,343	7.1	2.2
20780	Household fuels, including oil, LP gas, wood, coal	88	75,904	7.6	0.6
20800	Pets, pet foods, & pet supplies	247	74,084	2.4	0.6
20850	All other merchandise	1,698	716,829	12.3	5.5
29810	All other merchandise	687	221,639	5.2	1.7
29900	All nonmerchandise receipts	963	370,621	5.9	2.8

X Not applicable.

1/ Less than half the unit shown.

Source: U.S. Census Bureau, Economic Census 2002, Subject series: Product lines, extracted from American FactFinder, <[http://factfinder.census.gov/home/saff/main.html?\\_lang=en](http://factfinder.census.gov/home/saff/main.html?_lang=en)> accessed March 14, 2006.

**Table 23.16-- WHOLESALE TRADE ESTABLISHMENTS AND SALES  
(NAICS 42): 1939 TO 2002**

[Based on then-current definition]

<b>Year</b>	<b>Number of establishments (number)</b>	<b>Sales (\$1,000)</b>	<b>Year</b>	<b>Number of establishments (number)</b>	<b>Sales (\$1,000)</b>
1939	704	97,045	1977	1,569	2,571,489
1948	702	480,734	1982	1,737	4,084,369
1954	594	581,940	1987	1,998	5,362,490
1958	793	618,155	1992	2,202	8,001,621
1963	974	735,205	1997	1,872	7,147,462
1967	1,030	1,013,813	2002	1,876	9,986,355
1972	1,336	1,538,429			

Source: Robert C. Schmitt, *Historical Statistics of Hawaii* (1977), table 20.7; U.S. Census Bureau, *1977 Census of Wholesale Trade*, WC77-A-12 (Rev.), *1982 Census of Wholesale Trade*, WC82-A-12, *1987 Census of Wholesale Trade*, WC87-A-12, and *1992 Census of Wholesale Trade*, WC92-A-12, *1997 Economic Census, Wholesale Trade, Hawaii*, EC97W42A-HI(RV) (March 2000), table1, *2002 Economic Census, Wholesale Trade, Geographic Area Series, Hawaii*, EC02-42A-HI (March 2005), table1a.

**Table 23.17-- CHARACTERISTICS OF WHOLESALE ESTABLISHMENTS  
(NAICS 42), BY BROAD GEOGRAPHIC AREA: 2002**

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

<b>Subject</b>	<b>State total</b>	<b>Oahu</b>	<b>Neighbor Islands</b>
Number of establishments	1,876	1,446	430
Sales (\$1,000)	9,986,355	8,579,151	1,407,204
Annual payroll (\$1,000)	683,396	583,575	99,821
First quarter payroll (\$1,000)	164,694	141,182	23,512
Paid employees for pay period including March 12 (number)	19,412	16,097	3,315
Operating expenses (\$1,000)	1,305,703	1,106,610	199,093
Inventories (\$1,000):			
Beginning of year	888,611	768,724	119,887
End of year	927,869	805,470	122,399

Source: U.S. Census Bureau, *2002 Economic Census, Wholesale Trade, Geographic Area Series, Hawaii*, EC02-42A-HI (March 2005), tables 1a and 3a.

**Table 23.18-- WHOLESALE TRADE (NAICS 42), BY TYPE OF OPERATION AND KIND OF BUSINESS: 2002**

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

NAICS codes	Type of operation and kind of business	Number of establishments (number)	Sales (\$1,000)	Annual payroll (\$1000)	Paid employees, pay period including March 12 (number)
42	Wholesale trade	1,876	9,986,355	683,396	19,412
	Type of operation:				
	Merchant wholesalers	1,691	6,664,459	556,839	17,044
	Manufacturers' sales branches and sales offices	89	(D)	(D)	(1/)
	Agents, brokers, and commission merchants	96	(D)	(D)	(2/)
	Kind of business:				
4231	Motor vehicles and motor vehicle parts and supplies	81	716,918	34,210	1,005
4232	Furniture and home furnishings	52	106,455	13,065	391
4233	Lumber and other construction materials	83	380,454	27,677	753
4234	Professional and commercial equipment and supplies	127	607,673	95,599	1,739
4235	Metals and minerals, except petroleum	18	(D)	(D)	(3/)
4236	Electrical and electrical goods	103	545,247	37,263	878
4237	Hardware, and plumbing and heating equipment and supplies	73	206,004	23,882	579
4238	Machinery, equipment, and supplies	122	319,604	37,796	1,072
4239	Miscellaneous durable goods	202	(D)	(D)	(1/)
4241	Paper and paper products	83	258,639	30,604	853
4242	Drugs and druggists' sundries	54	867,098	23,920	750
4243	Apparel, piece goods, and notions	129	208,933	22,124	739
4244	Grocery and related products	366	2,163,884	160,050	5,526
4245	Farm product raw materials	3	(D)	(D)	(4/)
4246	Chemical and allied products	40	153,277	22,614	488
4247	Petroleum and petroleum products	25	1,372,811	9,493	193
4248	Beer, wine, and distilled alcoholic beverages	28	(D)	(D)	(2/)
4249	Miscellaneous nondurable goods	191	(D)	(D)	(1/)

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**Table 23.18-- WHOLESALE TRADE (NAICS 42), BY TYPE OF OPERATION AND KIND OF BUSINESS: 2002 -- Con.**

<b>NAICS codes</b>	<b>Type of operation and kind of business</b>	<b>Number of establishments (number)</b>	<b>Sales (\$1,000)</b>	<b>Annual payroll (\$1000)</b>	<b>Paid employees, pay period including March 12 (number)</b>
4251	Wholesale electronic markets and agents and brokers	96	(D)	(D)	(2/)

D Withheld to avoid disclosing data for individual companies.

1/ 1,000 to 2,499 employees.

2/ 500 to 999 employees.

3/ 100 to 249 employees.

4/ 0 to 19 employees.

Source: U.S. Census Bureau, *2002 Economic Census, Wholesale Trade, Geographic Area Series, Hawaii*, EC97-42A-HI (March 2005), table 1a.

**Table 23.19-- WHOLESALE TRADE (NAICS 42), FOR COUNTY AND SELECTED URBAN PLACE: 2002**

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

<b>Geographic area</b>	<b>Number of establishments (number)</b>	<b>Sales (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Paid employees for pay period including March 12 (number)</b>
State total	1,876	9,986,355	683,396	19,412
Hawaii County	183	605,605	42,646	1,434
Hilo	79	380,573	23,276	781
Kailua	27	76,298	5,428	142
Kalaoa	22	66,296	5,395	151
Honolulu County	1,446	8,579,151	583,575	16,097
Aiea	18	35,137	3,958	97
Halawa	38	225,116	17,372	504
Honolulu	1,053	6,502,118	427,745	11,679
Kailua	37	61,479	4,258	129
Kaneohe	14	15,648	1,309	42
Mililani Town	10	4,179	372	10
Pearl City	30	135,268	10,811	294
Waimalu	32	202,038	10,592	374
Waipahu	36	178,479	19,571	592
Waipio	27	309,712	27,172	631
Kauai County	78	238,711	16,505	568
Lihue	42	154,146	12,208	395
Maui County	169	562,888	40,670	1,313
Kahului	52	329,452	19,396	516
Kihei	7	10,906	800	37
Wailuku	46	151,264	13,125	480

Source: U.S. Census Bureau, *2002 Economic Census, Wholesale Trade, Geographic Area Series, Hawaii*, EC02-42A-HI (March 2005), tables 1a, 3a and 4a.

**Table 23.20-- PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES ESTABLISHMENTS (NAICS 54), FOR COUNTY AND SELECTED URBAN PLACE: 2002**

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

<b>Geographic area</b>	<b>Establishments (number)</b>	<b>Receipts/ revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Paid employees, pay period including March 12 (number)</b>
State total	2,982	2,290,675	882,817	21,208
Hawaii County	298	155,259	68,118	2,173
Hilo	123	65,841	21,656	665
Holualoa	15	3,177	928	42
Kalaoa	15	3,778	1,025	77
Honolulu County	2,251	1,967,054	755,026	17,183
Ahuimanu	7	939	219	10
Aiea	16	8,940	4,098	151
Ewa Beach	3	482	126	18
Halawa	19	9,138	3,529	75
Heeia	6	558	194	13
Honolulu	1,838	1,711,390	658,894	14,382
Kailua	77	49,516	20,159	555
Kaneohe	44	13,641	4,738	199
Makakilo City	4	763	252	10
Maunawili	7	457	166	6
Mililani Town	20	5,861	1,753	80
Pearl City	12	4,821	2,095	69
Pupukea	4	478	111	2
Village Park	4	753	173	5
Wahiawa	16	10,088	3,372	86
Waianae	8	2,670	1,075	57
Waimalu	29	15,270	5,559	220
Waimanalo Beach	6	19,459	8,216	154
Waipahu	12	5,285	1,816	119
Waipio	16	10,871	4,385	1,075
Kauai County	123	42,272	15,325	518
Kalaheo	7	1,671	582	29
Kapaa	16	7,572	2,881	142
Lihue	35	11,649	4,033	110
Waimea	19	24,921	13,107	220

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**Table 23.20-- PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES ESTABLISHMENTS (NAICS 54), FOR COUNTY AND SELECTED URBAN PLACE: 2002 -- Con.**

<b>Geographic area</b>	<b>Establishments (number)</b>	<b>Receipts/ revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Paid employees, pay period including March 12 (number)</b>
Mauie County	310	126,090	44,348	1,334
Haiku-Pauwela	10	1,992	279	12
Kahului	36	16,095	5,964	213
Kihei	41	16,541	5,163	126
Makawao	14	4,827	1,892	107
Pukalani	10	5,079	2,913	79
Wailea-Makena	14	3,282	815	30
Wailuku	116	57,996	19,826	504

Source: U.S. Census Bureau, *2002 Economic Census, Professional, Scientific, and Technical Services, Geographic Area Series, Hawaii* EC02-54A-HI (March 2005), table 1, 3, and 4.

**Table 23.21-- ADMINISTRATIVE AND SUPPORT AND WASTE MANAGEMENT AND REMEDIATION SERVICES ESTABLISHMENTS (NAICS 56), FOR COUNTY AND SELECTED URBAN PLACE: 2002**

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

<b>Geographic area</b>	<b>Establishments (number)</b>	<b>Receipts (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Paid employees for pay period including March 12 (number)</b>
State total	1,704	1,633,312	706,425	31,921
Hawaii County	194	120,670	60,343	2,730
Hilo	57	40,338	19,380	1,032
Kailua	49	51,464	30,465	1,147
Kalaoa	15	6,610	2,335	90
Waikoloa Village	8	2,013	594	37
Honolulu County	1,145	1,236,434	553,470	24,548
Ahuimanu	3	489	168	20
Aiea	15	5,104	2,128	126
Ewa Beach	6	730	254	17
Halawa	18	14,050	4,624	182
Hauula	3	647	190	14
Honolulu	787	935,775	464,904	20,723
Kahaluu	5	1,858	866	28
Kailua	36	9,783	3,439	153
Kaneohe	30	7,815	1,998	147
Kaneohe Station	3	1,234	534	23
Makaha	3	158	64	18
Mililani Town	14	5,043	1,573	74
Pearl City	24	28,871	10,789	496
Village Park	4	369	105	15
Wahiawa	12	9,203	3,153	97
Waianae	6	1,056	408	22
Waimalu	23	21,868	10,678	558
Waipahu	29	18,498	7,204	363
Kauai County	98	45,865	16,265	868
Kekaha	3	1,889	303	15
Lihue	26	14,951	4,397	219
Wailua Homesteads	5	2,647	895	38
Maui County	267	230,343	76,347	3,775
Haiku-Pauwela	9	4,055	1,139	75
Kahului	52	61,899	26,387	1,618

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**Table 23.21-- ADMINISTRATIVE AND SUPPORT AND WASTE MANAGEMENT AND REMEDIATION SERVICES ESTABLISHMENTS (NAICS 56), FOR COUNTY AND SELECTED URBAN PLACE: 2002 -- 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</b>
Maui County - Con.				
Kihei	49	13,175	3,792	163
Lahaina	30	26,275	8,169	420
Pukalani	7	14,296	8,495	267
Wailuku	42	31,474	11,466	768

Source: U.S. Census Bureau, *2002 Economic Census, Administrative and Support and Waste Management and Remediation Services, Geographic Area Series, Hawaii* EC02-56A-HI (March 2005), tables 1, 3, and 4.

**Table 23.22-- EDUCATIONAL SERVICES ESTABLISHMENTS (NAICS 61),  
FOR COUNTY AND SELECTED URBAN PLACE: 2002**

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

<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	304	107,844	36,538	1,942
Hawaii County	29	6,178	1,913	120
Hilo	5	537	193	24
Kailua	8	4,245	1,310	54
Honolulu County	215	84,951	28,948	1,542
Aiea	5	1,585	561	33
Honolulu	147	69,254	24,259	1,132
Kailua	9	3,259	1,159	52
Kaneohe	8	894	182	14
Mililani Town	4	775	267	34
Waipio	3	614	98	45
Kauai County	10	2,479	619	37
Waimea	4	344	111	7
Maui County	50	14,236	5,058	243
Kahului	9	2,158	811	43
Kihei	8	3,054	1,091	38
Wailea-Makena	6	1,387	524	14

Source: U.S. Census Bureau, *2002 Economic Census, Educational Services, Geographic Area Series, Hawaii*, EC02-61A-HI (February 2005), tables 1, 3, and 4.

**Table 23.23-- ARTS, ENTERTAINMENT, AND RECREATION ESTABLISHMENTS  
(NAICS 71) FOR COUNTY AND SELECTED URBAN PLACE: 2002**

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

<b>Geographic area</b>	<b>Establishments (number)</b>	<b>Receipts/ revenues (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Paid employees, pay period including March 12 (number)</b>
State total	482	605,862	184,910	10,692
Hawaii County	74	55,490	16,940	884
Hilo	14	6,797	1,954	118
Kailua	22	19,411	5,492	315
Kalaoa	4	2,086	749	48
Honolulu County	267	383,882	120,914	7,456
Aiea	4	2,134	652	62
Honolulu	173	204,276	65,905	3,664
Kailua	16	11,868	3,815	210
Waimalu	11	15,638	4,081	293
Kauai County	43	42,739	12,370	726
Lihue	13	10,946	3,598	242
Maui County	98	123,751	34,686	1,626
Haiku-Pauwela	4	1,071	421	12
Kahului	12	16,715	4,228	221
Kihei	11	10,702	3,625	179
Lahaina	16	33,366	11,056	487
Pukalani	5	4,107	1,223	39
Wailuku	10	3,819	913	71

Source: U.S. Census Bureau, *2002 Economic Census, Arts, Entertainment, and Recreation, Geographic Area Series*, EC02-71A-HI (February 2005), tables 1, 3, and 4.

**Table 23.24-- OTHER SERVICES (EXCEPT PUBLIC ADMINISTRATION)  
ESTABLISHMENTS (NAICS 81), FOR COUNTY AND SELECTED  
URBAN PLACE: 2002**

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

<b>Geographic area</b>	<b>Establishments (number)</b>	<b>Receipts/ revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Paid employees, pay period including March 12 (number)</b>
State total	2,763	1,487,800	412,818	19,288
Hawaii County	266	103,296	28,745	1,387
Hilo	96	38,844	13,263	624
Holualoa	16	4,127	960	48
Kailua	59	23,614	6,325	285
Waikoloa Village	10	3,892	1,004	56
Honolulu County	2,020	1,168,859	323,721	14,907
Aiea	48	16,576	4,741	327
Ewa Beach	5	1,848	439	28
Halawa	16	7,804	2,093	70
Honolulu	1,431	896,885	239,792	10,786
Kailua	60	21,006	7,437	289
Kaneohe	75	34,211	9,420	509
Makaha	5	4,784	870	40
Makakilo City	12	2,437	499	33
Mililani Town	30	14,411	4,985	422
Nanakuli	3	1,152	240	13
Pearl City	35	19,091	5,113	180
Wahiawa	29	10,234	3,180	161
Waianae	13	10,598	3,841	168
Waimalu	56	29,305	8,511	424
Waipahu	64	28,454	8,317	459
Waipio	19	5,581	1,719	67
Waipio Acres	7	2,109	580	29
Kauai County	119	44,987	12,244	620
Kapaa	15	9,333	2,199	105
Lihue	35	10,591	2,761	100
Waimea	10	4,709	1,934	104
Maui County	358	170,658	48,108	2,374
Haiku-Pauwela	4	2,231	709	35
Kahului	59	25,679	9,077	477
Kaunakakai	7	2,435	945	48

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**Table 23.24-- OTHER SERVICES (EXCEPT PUBLIC ADMINISTRATION)  
ESTABLISHMENTS (NAICS 81), FOR COUNTY AND SELECTED  
URBAN PLACE: 2002 -- 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>
Maui County - Con.				
Kihei	65	21,334	5,285	266
Lahaina	53	14,625	3,717	165
Napili-Honokowai	14	6,066	1,492	57
Wailea-Makena	28	20,128	6,819	246
Wailuku	66	38,085	10,231	609

Source: U.S. Census Bureau, *2002 Economic Census, Other Services (Except Public Administration), Geographic Area Series*, EC02-81A-HI (March 2005), table 1, 3, and 4.

**Table 23.25-- PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES ESTABLISHMENTS (NAICS 54), BY TYPE OF OPERATION OR KIND OF BUSINESS: 2002**

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

NAICS code	Type of operation or kind of business	Establishments (number)	Receipts/Revenue (\$1,000)	Annual payroll (\$1,000)	Paid employees, pay period including March 12 (number)
	Subject to Federal Income Tax				
54	Professional, scientific, and technical services	2,943	2,209,769	853,929	20,502
541	Professional, scientific, and technical services	2,943	2,209,769	853,929	20,502
5411	Legal services	740	538,864	220,329	4,085
5412	Accounting, tax preparation, bookkeeping, and payroll services	541	261,541	121,165	4,342
5413	Architectural, engineering, and related services	583	681,284	252,623	4,788
5414	Specialized design services	94	37,929	7,978	210
5415	Computer systems design and related services	252	266,899	93,844	1,894
5416	Management, scientific, and technical consulting services	307	151,165	53,741	1,317
5417	Scientific research and development services	49	90,232	35,800	798
5418	Advertising and related services	127	68,861	32,243	1,150
5419	Other professional, scientific, and technical services	250	112,994	36,206	1,918
	Exempt from Federal Income Tax				
54	Professional, scientific, and technical services	39	80,906	28,888	706
541	Professional, scientific, and technical services	39	80,906	28,888	706
5411	Legal services	18	7,916	4,881	156
5417	Scientific research and development services	21	72,990	24,007	550

Source: U.S. Census Bureau, *2002 Economic Census, Professional, Scientific, and Technical Services, Geographic Area Series, Hawaii* EC02-54A-HI (March 2005), table 1.

**Table 23.26-- ADMINISTRATIVE AND SUPPORT AND WASTE MANAGEMENT AND REMEDIATION SERVICES ESTABLISHMENTS (NAICS 56), BY TYPE OF OPERATION OR KIND OF BUSINESS: 2002**

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

NAICS code	Type of operation or kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	Paid employees, pay period including March 12 (number)
56	Administrative and support and waste management and remediation services	1,704	1,633,312	706,425	31,921
561	Administrative and support services	1,605	1,431,687	654,577	30,682
5611	Office administrative services	63	88,640	31,714	716
5612	Facilities support services	23	20,044	6,430	195
5613	Employment services	89	247,762	182,396	9,196
5614	Business support services	124	73,778	27,445	1,318
5615	Travel arrangement and reservation services	489	410,616	136,663	4,968
5616	Investigation and security services	112	185,761	115,649	5,718
5617	Services to buildings and dwellings	628	362,357	139,962	7,696
5619	Other support services	77	42,729	14,318	875
562	Waste management and remediation services	99	201,625	51,848	1,239
5621	Waste collection	38	94,767	18,729	549
5622	Waste treatment and disposal	17	56,593	12,990	262
5629	Remediation and other waste management services	44	50,265	20,239	428

Source: U.S. Census Bureau, *2002 Economic Census, Administrative and Support and Waste Management and Remediation Services, Geographic Area Series, Hawaii* EC02-56A-HI (March 2005), table 1.

**Table 23.27-- EDUCATIONAL SERVICES ESTABLISHMENTS (NAICS 61),  
BY TYPE OF OPERATION OR KIND OF BUSINESS: 2002**

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

NAICS code	Type of operation or kind of business	Establishments (number)	Receipts/revenue (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)
	Subject to Federal Income Tax				
61	Educational services	238	66,078	22,490	1,394
611	Educational services	238	66,078	22,490	1,394
6114	Business schools and computer and management training	24	(D)	(D)	(1/)
6115	Technical and trade schools	33	14,245	4,675	221
6116	Other schools and instruction	168	(D)	(D)	(2/)
6117	Educational support services	13	5,248	1,938	114
	Exempt from Federal Income Tax				
61	Educational services	66	41,766	14,048	548
611	Educational services	66	41,766	14,048	548
6114	Business schools and computer and management training	2	(D)	(D)	(3/)
6115	Technical and trade schools	9	6,690	2,314	70
6116	Other schools and instruction	41	(D)	(D)	(4/)
6117	Educational support services	14	25,135	8,289	221

D Withheld to avoid disclosing data of individual companies.

1/ 100 to 249 employees.

2/ 500 to 999 employees.

3/ 0 to 19 employees.

4/ 250 to 499 employees.

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

**Table 23.28-- ARTS, ENTERTAINMENT, AND RECREATION ESTABLISHMENTS  
(NAICS 71), BY KIND OF BUSINESS OR OPERATION: 2002**

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

NAICS code	Kind of business or operation	Establishments (number)	Receipts/revenues (\$1,000)	Annual payroll (\$1,000)	Paid employees, pay period including March 12 (number)
	Subject to Federal Income Tax				
71	Arts, entertainment, and recreation	382	424,740	123,311	7,376
711	Performing arts, spectator sports, and related industries	108	99,947	27,867	1,717
7111	Performing arts companies	37	67,982	19,886	1,309
7112	Spectator sports	6	3,292	574	20
7113	Promoters of performing arts, sports, and similar events	16	16,492	3,431	240
7114	Agents and managers for artist, athletes, and other public figures	8	2,943	880	28
7115	Independent artists, writers, and performers	41	9,238	3,096	120
712	Museums, historical sites, and similar institutions	17	24,143	6,622	391
7121	Museums, historical sites, and similar institutions	17	24,143	6,622	391
713	Amusement, gambling, and recreation industries	257	300,650	88,822	5,268
7131	Amusement parks and arcades	20	25,012	6,396	344
7139	Other amusement and recreation services	237	275,638	82,426	4,924
	Exempt from Federal Income Tax				
71	Arts, entertainment, and recreation	100	181,122	61,599	3,316
711	Performing arts, spectator sports, and related industries	24	36,685	10,150	468
7111	Performing arts companies	20	23,720	7,794	338
7113	Promoters of performing arts, sports, and similar events	4	12,965	2,356	130

Continued on next page.

**Table 23.28-- ARTS, ENTERTAINMENT, AND RECREATION ESTABLISHMENTS  
(NAICS 71), BY KIND OF BUSINESS OR OPERATION: 2002 -- Con.**

<b>NAICS code</b>	<b>Kind of business or operation</b>	<b>Establishments (number)</b>	<b>Receipts/revenues (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Paid employees, pay period including March 12 (number)</b>
712	Museums, historical sites, and similar institutions	50	103,763	36,994	2,064
7121	Museums, historical sites, and similar institutions	50	103,763	36,994	2,064
713	Amusement, gambling, and recreation industries	26	40,674	14,455	784
7139	Other amusement and recreation services	26	40,674	14,455	784

Source: U.S. Census Bureau, *2002 Economic Census, Arts, Entertainment, and Recreation, Geographic Area Series*, EC02-71A-HI (February 2005), table 1.

**Table 23.29-- OTHER SERVICES (EXCEPT PUBLIC ADMINISTRATION)  
ESTABLISHMENTS (NAICS 81), BY KIND OF BUSINESS OR  
OPERATION: 2002**

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

NAICS code	Kind of business or operation	Establishments (number)	Receipts/revenue (\$1,000)	Annual payroll (\$1,000)	Paid employees, pay period including March 12 (number)
	Firms Subject to Federal Income Tax				
81	Other services (except public admin.)	1,543	791,628	238,754	11,544
811	Repair and maintenance	737	420,834	119,592	4,206
8111	Automotive repair and maintenance	491	257,475	68,270	2,604
8112	Electronic and precision equipment repair and maintenance	48	52,598	14,461	374
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	87	59,105	21,390	634
8114	Personal and household goods repair and maintenance	111	51,656	15,471	594
812	Personal and laundry services	806	370,794	119,162	7,338
8121	Personal care services	374	92,274	37,094	2,142
8122	Death care services	35	56,064	17,057	632
8123	Drycleaning and laundry services	81	98,340	33,887	1,828
8129	Other personal services	316	124,116	31,124	2,736
	Firms Exempt from Federal Income Tax				
81	Other services (except public admin.)	1,220	696,172	174,064	7,744
813	Religious/grantmaking/civic/professional and similar organization	1,220	696,172	174,064	7,744
8132	Grantmaking and giving services	68	115,166	18,239	506
8133	Social advocacy organizations	76	91,563	27,432	769
8134	Civic and social organizations	111	63,635	24,506	1,730
8139	Business, professional, labor, political, and similar organizations	965	425,808	103,887	4,739

Source: U.S. Census Bureau, 2002 Economic Census, Other Services (Except Public Administration), Geographic Area Series, EC02-81A-HI (March 2005), table 1.

**Table 23.30-- TRAVEL ARRANGEMENT AND RESERVATION SERVICES  
(NAICS 5615): 2002**

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

<b>NAICS code</b>	<b>Kind of business</b>	<b>Establishments (number)</b>	<b>Revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Paid employees, pay period including March 12 (number)</b>
5615	All establishments	489	410,616	136,663	4,968
56151	Travel agencies	285	127,269	54,198	2,259
56152	Tour operators	151	128,995	45,065	1,654
56159	Other travel arrangement & reservation services 1/	53	154,352	37,400	1,055

1/ Includes convention & visitors bureaus (NAICS 561591; 17 establishments). Excludes convention and trade show organizers (NAICS 56192; 22 establishments).

Source: U.S. Bureau of the Census, *2002 Economic Census, Administrative and Support and Waste Management and Remediation Services, Geographic Area Series, Hawaii*, EC02-56A-HI (March 2005), table 1.

**Table 23.31-- ACCOMMODATION AND FOOD SERVICES (NAICS 72), FOR COUNTY AND SELECTED URBAN PLACE: 2002**

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

<b>Geographic area</b>	<b>Number of establishments</b>	<b>Sales (\$1,000)</b>	<b>Annual payroll (\$1000)</b>	<b>Paid employees for pay period including March 12 (number)</b>
State total	3,138	5,551,380	1,604,706	85,641
Hawaii County	350	747,901	210,356	10,595
Captain Cook	5	1,697	524	42
Hilo	137	91,546	25,391	2,263
Kailua	76	259,893	47,177	2,442
Kalaoa	4	2,850	608	66
Waikoloa Village	11	13,050	4,286	228
Honolulu County	2,119	2,956,987	830,599	49,864
Ahuimanu	7	3,592	823	88
Aiea	59	41,004	10,292	910
Halawa	15	12,170	3,371	191
Hauula	8	5,213	1,217	108
Honolulu	1,446	2,385,495	679,399	37,237
Kaneohe	76	48,562	12,210	1,158
Laie	7	4,958	1,289	125
Mililani Town	35	28,049	7,293	696
Nanakuli	4	3,303	798	85
Pearl City	38	32,168	7,797	751
Village Park	7	5,207	1,066	121
Wahiawa	40	31,160	7,999	751
Waianae	20	12,233	2,958	311
Waimalu	68	60,141	15,985	1,417
Waimanalo	6	2,794	707	70
Waimanalo Beach	4	1,598	364	39
Waipahu	60	40,653	9,402	886
Waipio	13	18,980	4,169	408
Kauai County	208	467,176	122,682	6,250
Kalaheo	8	4,002	1,432	119
Kapaa	37	30,977	8,861	602
Lihue	41	101,526	28,230	1,383

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**Table 23.31-- ACCOMMODATION AND FOOD SERVICES (NAICS 72), FOR  
COUNTY AND SELECTED URBAN PLACE: 2002 -- Con.**

<b>Geographic area</b>	<b>Number of establishments</b>	<b>Sales (\$1,000)</b>	<b>Annual payroll (\$1000)</b>	<b>Paid employees for pay period including March 12 (number)</b>
Kauai County - con. Waimea	24	12,061	3,520	236
Mauai County	461	1,379,316	441,069	18,932
Kahului	77	85,862	21,545	1,620
Kihei	78	71,471	17,616	1,285
Lahaina	94	154,665	42,979	2,627
Makawao	8	8,392	2,869	263
Napili-Honokowai	18	29,908	6,698	449
Pukalani	9	5,840	1,455	135
Wailea-Makena	34	371,472	140,687	4,687
Wailuku	52	22,777	5,642	471

Source: U.S. Census Bureau, *2002 Economic Census, Accommodation and Food Services, Geographic Area Series, Hawaii*, EC02-72A-HI, (January 2005), tables 1, 3 and 4.

**Table 23.32-- ACCOMMODATION AND FOODSERVICES (NAICS 72): 2002**

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

NAICS codes	Subject	Number of establishments	Receipts (\$1,000)	Annual payroll (\$1,000)	Paid employees, pay period including March 12
72	Accommodation and foodservices	3,138	5,551,380	1,604,706	85,641
721	Accommodation	280	3,219,788	959,017	34,860
7211	Traveler accommodation	272	3,218,155	958,659	34,835
72111	Hotels (except casino hotels) and motels	243	3,212,231	957,486	34,759
72119	Other traveler accommodation	29	5,924	1,173	76
721191	Bed-and-breakfast inns	20	3,514	743	48
721199	All other traveler accommodation	9	2,410	430	28
7212	RV parks and recreational camps	3	298	84	5
7213	Rooming and boarding houses	5	1,335	274	20
722	Foodservices and drinking places	2,858	2,331,592	645,689	50,781
7221	Full-service restaurants	1,081	1,185,561	368,028	27,296
7222	Limited-service eating places	1,401	869,160	207,744	18,613
7223	Special foodservices	109	174,794	46,889	2,556
72231	Foodservice contractors	56	150,324	39,650	2,011
72232	Caterers	33	20,778	6,430	479
72233	Mobile foodservices	20	3,692	809	66
7224	Drinking places (alcoholic beverages)	267	102,077	23,028	2,316

Source: U.S. Census Bureau, *2002 Economic Census, Accommodation and Foodservices, Geographic Area Series, Hawaii*, EC02-72A-HI, (January 2005), table 1.

**Table 23.33-- PRODUCT LINE SALES FOR ACCOMMODATION AND FOOD SERVICES (NAICS 72): 2002**

<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 totals	3,138	5,551,380	(X)	100.0
20010	Guestroom or unit rentals	279	2,151,209	66.8	38.8
20030	Telephone service charges	157	26,302	1.2	0.5
20050	Rental of public rooms/areas, incl conference/convention mtg rooms	118	55,015	3.6	1.0
20060	Membership dues and fees	20	12,393	3.4	0.2
20100	Groceries and other foods for human consumption off the premises	109	6,066	2.0	0.1
20120	Meals, unpack snacks, sandwiches, etc for immediate consumption	2,789	2,578,356	49.7	46.4
20130	Alcoholic drinks served at the establishment	1,287	437,592	12.5	7.9
20140	Packaged liquor, wine, and beer	114	13,057	5.9	0.2
20150	Cigars, cigarettes, etc and smokers' access, excluding sales from vending	52	1,343	0.6	(1/)
20850	All other merchandise	39	7,100	0.9	0.1
29810	All other merchandise	370	87,987	3.9	1.6
29980	All other nonmerchandise receipts	149	174,827	8.9	3.1

X Not applicable.

1/ Less than half the unit shown.

Source: U.S. Census Bureau, 2002 Economic Census, Subject series: Product lines, extracted from American FactFinder, <[http://factfinder.census.gov/home/saff/main.html?\\_lang=en](http://factfinder.census.gov/home/saff/main.html?_lang=en)> accessed March 14, 2006.

**Table 23.34-- VISITOR ACCOMMODATIONS, BY COUNTY: 1970 TO 2008**

[Number of units]

Year	State total	City & County of Honolulu	Hawaii County	Kauai County	Maui County
1970	26,923	18,449	3,166	2,565	2,743
1971	32,289	22,531	3,435	2,628	3,695
1972	35,797	24,742	4,241	2,719	4,095
1973	36,608	25,108	4,796	2,629	4,075
1974	38,675	25,365	5,234	2,868	5,208
1975	39,632	25,352	5,348	3,102	5,830
1976	42,648	25,851	6,045	3,520	7,232
1977	44,986	27,363	5,929	3,657	8,037
1978	47,070	28,546	6,002	3,786	8,736
1979	49,832	30,065	6,093	4,202	9,472
1980	54,246	34,334	5,889	4,322	9,701
1981	56,769	33,967	6,705	4,738	11,359
1982	57,968	33,492	7,167	5,147	12,162
1983	58,765	34,354	7,469	4,193	12,749
1984	62,448	36,848	7,149	5,313	13,138
1985	65,919	38,600	7,511	5,656	14,152
1986	66,308	39,010	7,280	5,922	14,096
1987	65,318	38,185	7,328	5,956	13,849
1988	69,012	37,841	8,823	7,180	15,168
1989	67,734	36,467	8,161	7,398	15,708
1990	71,266	36,899	8,952	7,546	17,869
1991	72,275	36,623	9,383	7,567	18,702
1992	73,089	36,851	9,170	7,778	19,290
1993	69,502	36,604	9,140	4,631	19,127
1994	70,463	36,194	9,595	5,870	18,804
1995	(NA)	(NA)	(NA)	(NA)	(NA)
1996	70,288	36,146	9,558	6,760	17,824
1997	71,025	35,971	9,913	6,589	18,552
1998	71,480	36,206	9,655	6,969	18,650
1999	71,157	35,861	9,815	6,872	18,609
2000	71,506	36,303	9,774	7,159	18,270
2001	72,204	36,824	9,944	7,202	18,234
2002	70,783	36,457	9,297	7,037	17,992
2003	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

NA Not available.

Source: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *Visitor Plant Inventory* (annual).

**Table 23.35-- VISITOR ACCOMMODATIONS, BY TYPE: 1986 TO 2008**

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

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.

Source: Hawaii Visitors & Convention Bureau, *Visitor Plant Inventory*, 1986 to 1998; Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *Visitor Plant Inventory* (annual) for 1999-2008 and records.

**Table 23.36-- VISITOR ACCOMMODATIONS, BY TYPE AND BY ISLAND: 2008**

Year and island	Properties			Units		
	Total	Hotels 1/	Condo-miniums 2/	Total	Hotels 1/	Condo-miniums 2/
State total	1,697	1,481	216	74,177	57,777	16,400
Oahu	211	176	35	34,081	28,828	5,253
Waikiki/Honolulu	113	84	29	28,733	25,052	3,681
Rest of Oahu	98	92	6	5,348	3,776	1,572
Other islands	1,486	1,305	181	40,096	28,949	11,147
Hawaii	355	330	25	11,240	9,881	1,359
Maui	420	306	114	19,055	11,984	7,071
Lanai	6	6	0	354	354	0
Molokai	26	21	5	244	83	161
Kauai	679	642	37	9,203	6,647	2,556

1/ Includes hotels, apartment hotels, bed-and-breakfasts, hostels, Individual vacation units and timeshares. Properties with both condo and hotel units are included with condominiums.

2/ Condominium accommodations in rental pools for transient use. Includes condo/hotel units.

Source: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *Visitor Plant Inventory* (annual).

**Table 23.37-- VISITOR ACCOMMODATIONS, BY TYPE AND GEOGRAPHIC AREA: 2008**

Type of accommodation	Properties			Units		
	State total	Oahu	Other islands	State total	Oahu	Other islands
All types	1,697	211	1,486	74,177	34,081	40,096
Apartment-hotel	12	5	7	182	139	43
Bed and breakfast	171	25	146	649	89	560
Condominium hotel	216	35	181	16,400	5,253	11,147
Hostels	12	7	5	343	252	91
Hotel	137	65	72	42,461	25,789	16,672
Individual vacation units	1,047	58	989	5,492	567	4,925
Timeshare	73	13	60	8,314	1,909	6,405
Other	29	3	26	336	83	253

Source: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *Visitor Plant Inventory* (annual).

**Table 23.38-- HOTELS AND OTHER LODGING PLACES (NAICS 721),  
BY COUNTY: 2000 TO 2006**

[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>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
State total	273	265	269	296	313	326	334
Hawaii	47	50	48	52	59	59	64
Honolulu	122	120	122	121	125	134	129
Kauai	32	34	38	44	46	50	55
Maui	72	61	61	79	83	83	86

Source: U.S. Census Bureau, *County Business Patterns, Hawaii* (annual). Also see <http://censtats.census.gov/cbpnaic/cbpnaic.shtml> accessed December 2, 2008.

**Table 23.39-- VISITOR ACCOMMODATIONS, BY NIGHTLY PRICE: 2008**

<b>Island and type of accommodation</b>	<b>Total</b>	<b>\$100 or less</b>	<b>\$101 to \$250</b>	<b>\$251 to \$500</b>	<b>Over \$500</b>
Available Units	74,177	6,668	27,669	26,961	12,879
Island:					
Oahu	34,571	2,972	14,902	12,761	3,935
Hawaii	11,569	1,875	3,591	4,861	1,241
Kauai	8,469	690	2,582	3,700	1,497
Maui	18,948	1,071	6,397	5,447	6,034
Molokai	254	58	182	12	1
Lanai	367	3	13	179	171
Type of unit:					
Apartment/Hotel	169	134	34	1	-
Bed and breakfast	683	211	429	41	2
Condominium hotel	15,570	1,438	8,309	4,729	1,093
Hostel	346	346	-	-	-
Hotel	44,923	3,313	13,029	18,194	10,387
Individual vacation unit	4,619	891	2,465	1,005	257
Timeshare	7,666	208	3,376	2,944	1,138
Other	201	127	26	46	2

Source: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *Visitor Plant Inventory* (annual) and records.

**Table 23.40-- HOTEL ROOMS, OCCUPANCY RATES, AND DAILY ROOM AND GUEST RATES: 1989 TO 2008**

[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	4/ 75.0	4/ 199.96	(NA)
2008	74,177	34,081	40,096	70.4	201.43	(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 1995-2008.

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); PKF-Hawaii, *Trends in the Hotel Industry, Hawaii*, (December issues); Smith Travel Research, Hospitality Advisors LLC, *Hawaii Hotel Flash Report*, (December/Year-End Highlights issues).

**Table 23.41-- HOTEL ROOM OCCUPANCY AND ROOM RATES, BY  
GEOGRAPHIC AREA: 2008**

<b>Geographic area</b>	<b>Percent occupied</b>	<b>Average daily room rate (dollars)</b>	<b>Revenue per available room (dollars)</b>
State total	70.4	201.43	141.90
Oahu	74.9	169.92	127.27
Waikiki	75.6	168.68	127.51
Other Oahu	70.3	178.88	125.67
Maui	67.9	268.55	182.24
Wailea	66.2	431.20	285.37
Lahaina-Kaanapali-Kapalua	69.0	248.92	171.81
Other Maui	66.6	290.93	193.70
Hawaii	59.8	203.13	121.54
Kohala Coast	57.9	281.48	163.12
Kauai	70.4	206.43	145.35

Source: Smith Travel Research, Hospitality Advisors LLC, *Hawaii Hotel Flash Report, (December/Year-End 2008 Highlights)*.

**Table 23.42-- GENERAL EXCISE TAX BASE FOR RENTALS:  
1985 TO 2008**

[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

1/ Calendar year in which reported, including "prior years" reports. Income received in December is reported the following January, hence these annual totals generally refer to an "income year" ended November 30.

2/ Includes residential, office, automobile, and equipment rentals, and land leases.

Source: Hawaii State Department of Taxation, "General Excise and Use Tax Base" (annual tabular release). see also <[http://www.state.hi.us/tax/a5\\_3txcolrpt.htm](http://www.state.hi.us/tax/a5_3txcolrpt.htm)>.

**Table 23.43-- COMPUTER AND SOFTWARE STORES AND SERVICES: 2002**

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

<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 for pay period including March 12 (number)</b>
Wholesale trade: Computer and computer peripheral equipment and software merchant (NAICS 42343)	28	178,465	48,415	578
Retail trade: Computer and software stores (NAICS 44312)	39	128,850	9,492	457
Services: Computer and office machine repair and maintenance (NAICS 811212)	28	9,794	3,374	117
Computer systems design and related services (NAICS 5415)	252	266,899	93,844	1,894
Data processing, hosting, and related services (NAICS 5182)	73	57,091	42,600	1,054
Software Publishers (NAICS 5112)	8	8,898	2,673	35

Source: U.S. Census Bureau, *2002 Economic Census, Retail Trade, Geographic Area Series, Hawaii*, EC02-44A-HI (January 2005); *2002 Economic Census, Wholesale Trade, Geographic Area Series, Hawaii*, EC02-42A-HI (March 2005); *2002 Economic Census, Other Services (Except Public Administration), Geographic Area Series, Hawaii*, EC02-81A-HI (March 2005); *2002 Economic Census, Professional, Scientific, and Technical Services, Geographic Area Series, Hawaii*, EC02-54A-HI (March 2005); *2002 Economic Census, Information, Geographic Area Series, Hawaii*, EC02-51A-HI (March 2005).

**Table 23.44-- MOTION PICTURE AND VIDEO SERVICES: 1977 TO 2002**

[Includes establishments with payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in Economic Censuses prior to the 1997 Economic Census.  
For 1963-1972 data, see Data Book 1990, table 699]

Subject and year	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)
Motion picture and video production, distribution, and services (NAICS 51211, 51212, 51219):				
1977	11	926	174	31
1982	16	4,203	1,147	74
1987	25	10,177	2,394	136
1992	50	20,394	6,028	250
1997	63	33,727	10,660	278
2002	67	(D)	6,021	183
Motion picture and video exhibition (NAICS 51213):				
1977 1/	50	17,444	(D)	(D)
1982	36	21,329	3,195	519
1987	35	(D)	(D)	(D)
1992	34	(D)	(D)	(D)
1997	35	62,133	8,866	1,195
2002	42	96,148	10,310	1,079
Video tape and disc rental (NAICS 53223):				
1987	78	12,319	2,456	376
1992	78	26,909	5,252	545
1997	81	23,862	4,346	451
2002	67	37,401	5,813	500

D Withheld to avoid disclosing data for individual companies.

1/ Data include 3 establishments without payroll.

Source: U.S. Bureau of the Census, *1977 Census of Service Industries, Hawaii*, SC77-A-12 (December 1979); *1982 Census of Service Industries, Hawaii*, SC82-A-12 (September 1984); *1982 Census of Service Industries, Motion Picture Industry*, SC82-I-4 (December 1985); *1987 Census of Service Industries, Hawaii*, SC87-A-12 (July 1989); *1992 Census of Service Industries, Hawaii*, SC92-A-12 (August 1994); *1997 Economic Census, Information, Geographic Area Series, Hawaii*, EC97S51A-HI (October 1999); *1997 Economic Census, Real Estate and Rental and Leasing, Geographic Area Series, Hawaii*, EC97F53A-HI (August 1999); *2002 Economic Census, Information, Geographic Area Series, Hawaii*, EC02-51A-HI (March 2005); *2002 Economic Census, Real Estate and Rental and Leasing, Geographic Area Series, Hawaii*, EC02-53A-HI (December 2004).

**Table 23.45-- MOTION PICTURE AND TELEVISION PRODUCTION:  
2000 TO 2004**

Subject	2000	2001	2002	2003	2004
Number of features and programs filmed	13	22	15	6	18
Feature films for theater viewing	5	4	5	3	0
TV movie of the week, television episodic, specials	7	18	10	3	14
Hawaii-based TV network series	1	-	-	-	4
Expenditures in Hawaii (million dollars)	136.0	83.3	147.2	84.0	164.0
Commercials	7.5	6.7	5.7	4.3	8.7
Hawaii-based TV series	20.0	-	-	2.5	100.1
Feature films	51.5	12.2	76.6	18.7	0.3
TV specials/episodics/movie of week	10.3	7.8	16.3	16.1	9.1
Others (still photography, sports, exercise or music video, cable, misc.)	12.1	14.8	13.1	8.4	11.5
Documentaries/industrials/news/ educational/travelog/video stock	2.0	9.2	2.4	2.5	2.3
Annual permit holders	10.3	13.0	11.0	9.5	9.6
Private property projects	15.0	15.0	15.0	15.0	15.0
Sports events, annual (private)	7.0	7.0	7.0	7.0	7.0
Tax revenues generated (million dollars)	16.5	10.7	18.6	10.7	17.4
Spending effect on economy (million dollars)	217.3	132.6	234.9	134.2	262.0

Source: Hawaii State Department of Business, Economic Development & Tourism, Hawaii Film Office, records.

## Section 24

# FOREIGN AND INTERSTATE COMMERCE

This section includes data on the flow of goods and services between Hawaii and the rest of the world, and on investment by foreign countries.

Sources for statistics on interstate and foreign commerce, and on foreign investment include the U.S. Census Bureau and the Bureau of Economic Analysis, the Hawaii State Department of Business, Economic Development & Tourism's Foreign Trade Zone No. 9 and its subzones, and the City & County of Honolulu Department of Budget & Fiscal Services. Additional information is found in waterborne cargo data compiled by the U.S. Army Corps of Engineers in Section 18.

Comparable data for the nation as a whole appear in Section 28 of the *Statistical Abstract of the United States: 2009*. Long-term island trends are summarized in *Historical Statistics of Hawaii*, Section 21.

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

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

Narrative

<a href="#">24.01</a>	Foreign Trade Through the Hawaii Customs District: 1984 to 2008
<a href="#">24.02</a>	Foreign Trade Through the Hawaii Customs District, by Classification: 2004 to 2008
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<a href="#">24.17</a>	Foreign Direct Investment in Hawaii in Majority-owned Nonbank Affiliates: 2005 and 2006

**Table 24.01-- FOREIGN TRADE THROUGH THE HAWAII  
CUSTOMS DISTRICT: 1984 TO 2008**

[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)

NA Not available.

1/ Customs value basis. Excludes vessels under their own power or afloat and shipments valued under \$251.

2/ Totals are on f.a.s. (free alongside ship) basis.

3/ Includes merchandise exports originated in Hawaii and exported through other customs districts. Not available before 1987. This methodology is based on an "Origin of Movement" which is designed to measure the transportation origin of exports, i.e. the state from which an export product began its journey to the port of exit.

4/ Not available before 1993 nor after 2002. The methodology is based on "Location of Exporter" (EL) which tracks the sales origin of exports and is best suited for export promotion or marketing purposes. Effective with the January 2003 statistics, the EL series was discontinued.

Source: U.S. Census Bureau, *Highlights of U.S. Export and Import Trade, FT990*, cumulative totals in December issues, 1984-1988; *U.S. Merchandise Trade: Selected Highlights, FT920*, December 1989 to 2008, 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 March 3, 2009; *U.S. Merchandise Trade, FT900 Supplement*, December issue 1989 to 2008 <[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 March 3, 2009; 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: 2004 TO 2008**

[In millions of dollars]

Classification	2004	2005	2006	2007	2008
General imports by district of entry:					
Customs value 1/	2,795.3	3,700.6	4,852.6	5,208.4	5,980.2
C.i.f. value 2/	3,021.4	3,981.4	5,195.9	5,512.4	6,310.4
General imports by district of unloading:					
Customs value 1/	4,800.6	6,097.4	6,865.0	7,198.8	7,564.9
C.i.f. value 2/	5,113.6	6,478.1	7,283.9	7,566.9	7,947.5
Imports for consumption by district of entry (customs value 1/)	2,235.9	2,918.8	4,171.7	4,233.9	5,108.1
Duty free value	684.3	751.6	1,225.9	1,249.1	1,121.9
Dutiable value	1,551.5	2,167.2	2,945.8	2,984.8	3,986.2
Exports of domestic & foreign merchan- dise by district of export (f.a.s. value 3/)	1,754.1	2,416.0	3,215.8	4,760.5	7,579.1
Exports of merchandise by origin of movement 4/	404.8	1,028.2	705.7	560.4	964.0
Commodities	335.9	962.2	568.6	515.0	878.7
Manufactured commodities	248.9	877.2	477.2	407.4	740.0
Non-manufactured commodities	87.0	85.0	91.4	107.6	138.7
Reexports 5/	68.8	65.9	137.1	45.4	85.3

1/ Prices paid by the buyer to the seller in accordance with 1979 Trade Agreement Act amendments to the 1930 Tariff Act.

2/ Cost, insurance and freight.

3/ Free alongside ship value at U.S. port of export, based on transaction price, including inland freight, insurance, and other charges; excludes cost of loading merchandise aboard exporting carrier and also excludes freight, insurance, etc. beyond U.S. port of export.

4/ 1996-1999 had been based on 1987 Standard Industrial Classification (SIC) and beginning in 2000 based on the North American Industry Classification System. Includes merchandise exports originated in Hawaii and exported through other customs districts. Exports are by "point of origin" of their journey to export, a transportation not production basis. The U.S. Census Bureau discontinued the state export series based on the exporter location (exhibit 2a) after the December 2002 estimates.

5/ Not available by state prior to 1996 from U.S. Census Bureau, alternate source is U.S. Department of Commerce, International Trade Administration.

Source: U.S. Census Bureau, *U.S. Merchandise Trade: Selected Highlights, FT920*, December issue (annual) tables 1, 4, 5 and 6, and beginning with 2004

<[http://www.census.gov/foreign-trade/Press-Release/ft920\\_index.html](http://www.census.gov/foreign-trade/Press-Release/ft920_index.html)> accessed March 3, 2009

and *U.S. Merchandise Trade, FT900 Supplement, December* issue (annual) exhibit 2

<[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 March 3, 2009.

**Table 24.03-- FOREIGN TRADE THROUGH THE HAWAII CUSTOMS DISTRICT, BY METHOD OF TRANSPORTATION: 1992 TO 2008**

[Data may include imports intended for consumption on the Mainland and exports originated on the Mainland]

Category and year	Value (million dollars)			Shipping weight (mil. kgs.)	
	Total 1/	Vessel	Air	Vessel	Air
General imports: 2/					
1992	2,733.60	1,117.26	1,439.90	4,604.17	15.26
1993	2,826.79	1,043.06	1,706.64	4,675.51	17.52
1994	3,160.26	1,059.72	1,992.06	5,328.29	19.28
1995	3,373.40	1,032.83	2,261.32	5,565.18	17.37
1996	3,554.76	1,167.70	2,348.64	5,770.20	18.73
1997	4,063.49	1,233.18	2,810.88	6,297.15	25.59
1998	3,393.45	922.44	2,453.54	5,840.69	24.93
1999	4,256.43	1,160.82	3,080.85	5,969.10	30.90
2000	5,630.19	1,734.27	3,833.91	6,436.23	30.32
2001	3,453.76	1,412.64	2,032.61	5,847.01	18.80
2002	3,995.89	1,463.64	2,359.94	5,838.85	31.94
2003	4,004.94	1,847.27	2,108.32	6,688.67	28.92
2004	4,800.64	2,390.28	2,389.78	7,019.16	39.75
2005	6,097.40	3,354.30	2,733.50	8,128.10	41.50
2006	6,865.00	4,333.10	2,429.10	8,807.30	35.60
2007	7,198.80	4,731.50	2,321.90	9,131.40	32.80
2008	7,564.90	5,589.50	1,891.10	7,955.90	25.60
Exports: 3/					
1992	604.23	153.67	184.64	677.98	12.54
1993	1,099.70	113.14	242.61	431.74	12.66
1994	989.42	166.59	350.03	999.25	17.52
1995	1,072.16	149.59	476.56	896.20	20.53
1996	1,293.90	165.91	452.36	816.56	21.32
1997	1,627.98	213.54	341.53	922.07	16.07
1998	1,042.27	153.55	335.51	719.10	11.96
1999	1,182.73	138.79	492.10	545.93	12.99
2000	702.72	214.11	251.90	694.98	9.40
2001	630.94	161.77	267.45	612.31	10.04
2002	2,691.80	168.63	309.51	502.53	9.33
2003	2,521.81	158.63	316.58	486.30	11.13
2004	1,754.11	238.15	319.07	606.56	8.76
2005	2,416.00	226.50	384.50	535.70	9.80
2006	3,215.80	310.90	584.30	567.40	11.60
2007	4,760.50	344.10	900.00	636.40	15.10
2008	7,579.10	377.80	995.40	583.50	14.80

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) exhibits 1 and 6, 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 March 3, 2009.

**Table 24.04-- FOREIGN-TRADE ZONE AND SUBZONE OPERATIONS:  
2004 TO 2008**

[Fiscal year ending September 30. Subzone No. 9-B, HFM filed deactivation request on June 29, 1999. Deactivation pending. Subzone No. 9-C, Dole Packaged Foods Co. deactivated on February 26, 1996]

<b>Subject</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Zone No. 9, General Purpose 1/:					
Firms using zone	277	274	369	369	228
On continuous basis	195	190	190	231	231
User employment at zone	417	407	407	399	440
Full-time employees	159	144	144	256	275
Value of merchandise (\$1,000): 2/					
In/out 3/	934,462	1,427,469	1,646,054	1,828,272	2,771,796
Exports 3/	216,504	302,641	320,967	351,641	486,800
Revenue 4/ (\$1,000)	1,644	(NA)	(NA)	(NA)	(NA)
Expenditures 4/ (\$1,000)	1,373	(NA)	(NA)	(NA)	(NA)
Subzone No. 9-A, Tesoro Hawaii, Corp. 5/:					
User employment at subzone 6/	246	248	250	250	250
Value (\$1,000): 2/					
Merchandise, in/out	2,279,901	3,024,247	4,146,225	4,128,464	5,155,277
Exports	167,471	178,859	216,978	159,153	265,760
Subzone No. 9-D, Maui Pineapple Co. Ltd.:					
User employment at subzone 6/	447	265	251	126	108
Value (\$1,000): 2/					
Merchandise, in/out	86,925	72,651	75,990	50,866	5,860
Exports	916	3,117	5,058	4,709	-
Subzone No. 9-E, Chevron U.S.A. Products Co. Hawaii Refinery:					
User employment at subzone 6/	184	190	205	223	224
Value (\$1,000): 2/					
Merchandise, in/out	1,401,817	1,880,721	2,696,645	2,639,729	3,808,132
Exports	47,470	83,027	100,412	90,863	141,041
Subzone No. 9-F, The Gas Company dba SNG 7/					
User employment at subzone 6/	31	30	32	32	34
Value (\$1,000): 2/					
Merchandise, in/out	50,561	69,300	97,110	93,371	143,556
Exports	-	-	-	-	-

Continued on next page.

**Table 24.04-- FOREIGN-TRADE ZONE AND SUBZONE OPERATIONS:  
2004 TO 2008 -- Con.**

1/ Includes sites at Pier 2, Honolulu Harbor; Hawaii Fueling Facilities Corporation at Honolulu International Airport; and Pacific Allied Products, Ltd. at James Campbell Industrial Park. Revised to show all firms occupying facilities and those on continuous basis only and to count all employment and full-time only. Continues to be employment only at the Zone, therefore, excluding downtown or other support.

2/ Since 1994, method of calculating value of "Merchandise, in/out" and "Exports" excludes value added in subzone manufacturing activity.

3/ Beginning with 1998, includes activity at 3 General Purpose sites.

4/ Years ending June 30.

5/ On May 29, 1998 Tesoro Hawaii Corporation acquired all of the outstanding stock of BHP Petroleum Americas Refining, Inc. from BHP Hawaii.

6/ Continues to be employment only at the Zone, therefore, excluding downtown or other support site employment.

7/ On March 18, 1997, the Citizens' Utilities Company was granted its own subzone status. It was formerly part of Subzone 9-A. It is dba The Gas Company's Synthetic Natural Gas (SNG) Facility.

Source: Hawaii State Department of Business, Economic Development & Tourism, Foreign-Trade Zone No. 9, annual reports and records and <<http://www.ftz9.org/ftzview.cfm?id=34>> accessed July 13, 2009.

**Table 24.05-- COMMODITY EXPORTS TOTAL AND TO TOP  
25 FOREIGN COUNTRIES: 2005 TO 2008**

[In millions of dollars. Includes merchandise exports originated in Hawaii and exported through other customs districts. Exports are by "point of origin" of their journey to export, a transportation not production basis. Countries in decreasing order of 2008 totals]

Country	2005	2006	2007	2008
Total	1,032	693	560	964
Top 25 foreign countries	992	642	522	946
Australia	3	9	38	375
Korea, South	54	24	51	110
Japan	143	188	156	98
China	139	26	29	75
Singapore	521	232	106	75
Guatemala	-	33	-	50
Netherlands	1	4	3	23
Canada	17	16	21	22
Philippines	10	11	12	17
El Salvador	-	25	29	15
United Kingdom	10	19	16	14
Hong Kong	6	6	19	12
New Zealand	8	1	3	10
Taiwan	1	2	5	9
Federal Republic of Germany	7	6	5	8
Thailand	9	15	10	6
France	2	2	2	6
Mexico	1	4	3	4
Costa Rica	2	3	8	3
Netherlands Antilles	1	-	-	3
Sweden	-	1	1	2
Marshall Islands	54	1	1	2
South Africa	-	1	2	2
Peru	-	-	-	2
Chile	1	12	1	2

Source: U.S. Census Bureau, Foreign-Trade Division "Total U.S. Exports (Origin of Movement) via Hawaii - Top 25 Countries Based on 2008 Dollar Value"  
<<http://www.census.gov/foreign-trade/statistics/state/data/hi.html>> accessed May 4, 2009.

**Table 24.06-- TOTAL AND TOP 25 CATEGORIES OF COMMODITY  
EXPORTS TO FOREIGN COUNTRIES: 2005 TO 2008**

[In millions of dollars. Includes merchandise exports originated in Hawaii and exported through other customs districts. Exports are by "point of origin" of their journey to export, a transportation not production basis. Top 25 based on 2008 values]

Country	2005	2006	2007	2008
All commodities	1,032	693	560	964
Top 25 commodities	872	506	384	810
Airplane & OT A/C, unladen weight > 15,000 kg.	640	236	26	336
Light oils & preps, (not crude) from petroleum & bituminous mineral	99	88	142	131
Ferrous waste & scrap NESOI	36	26	39	61
Oil (not crude) from petrol & bituminous mineral, etc.	-	65	45	52
Parts of airplanes or helicopters, NESOI	14	14	24	36
Water, mineral & aerated natural/artificial not sweetened/flavor	7	12	39	35
Petroleum coke, not calcined	-	-	-	29
Gas turbines of a power exceeding 5,000 kw	6	-	1	20
Parts, ex. antenna for transmission, RDR, radio, TV, etc. NESOI	1	-	1	16
Cocoa preparations, not in bulk form, NESOI	10	12	13	13
Copper waste and scrap	1	3	5	8
Sulfur of all kinds, not sublimed, precip, colloidal	-	-	-	8
Papayas (papaws), fresh	8	8	8	7
Waste, scrap unbleach kraft, corrugated paper/paperboard	4	4	6	7
Exports of military equipment, not identified	26	14	4	6
Parts, for direct find compasses, navigational instruments	1	-	1	6
Paintings, drawing and pastels by hand	4	3	3	5
Rec (waste/scrap) paper/pprbrd, mainly of blchd chem. pulp, etc.	2	2	6	5
Household and toilet articles NESOI of plastics	-	(1/)	-	5
Seaweeds & other algae fresh or dried, not ground	3	6	4	5
Helicopters of an unladen weight exceeding 2,000 kg.	-	-	-	4
Transmission app. incorp. reception, for radio or TV	-	-	4	4
Aluminum waste and scrap	4	7	6	4
Coffee, not roasted, not decaffeinated	4	5	5	4
Other instruments, specifically designed for telecommunication	1	(1/)	5	4

1/ Value rounds to zero.

Source: U.S. Census Bureau, Foreign-Trade Division "Total U.S. Exports (Origin of Movement) via Hawaii - Top 25 6-digit HS Commodities Based on 2008 Dollar Value"

<<http://www.census.gov/foreign-trade/statistics/state/data/hi.html>> accessed May 4, 2009.

**Table 24.07--FOREIGN AGRICULTURAL EXPORTS FOR HAWAII AND  
THE UNITED STATES: 1999 TO 2008**

[In millions of dollars. Reported for fiscal year ending September 30. Annual estimates of U.S. exports by State and commodity group based on each State's share of U.S. agricultural production]

Year	Hawaii	United States	Year	Hawaii	United States
1999 1/	82.5	49,028.4	2004 2/	88.6	62,315.3
2000 1/	80.5	50,725.6	2005 3/	95.2	62,503.8
2001 2/	73.3	52,631.9	2006 2/	93.2	68,678.1
2002 1/	66.9	53,205.6	2007 1/	88.7	82,363.7
2003 1/	79.8	55,951.4	2008	100.2	115,451.5

1/ Both Hawaii and United States estimates revised from previous *Data Book*.

2/ United States estimates revised from previous *Data Book*.

3/ United States estimate revised from previous *Data Book* and while one Hawaii commodity estimate was revised, the total is unchanged.

Source: U.S. Department of Agriculture, Economic Research Service, "Commodity exports by State historical (time-series) data for all States and commodity groups, 1999-2007" (June 30, 2009)

<<http://www.ers.usda.gov/Data/StateExports/>> accessed July 2, 2009.

**Table 24.08-- FOREIGN AGRICULTURAL EXPORTS, BY COMMODITY  
GROUP FOR HAWAII AND THE UNITED STATES: 2003 TO 2008**

[In millions of dollars. For fiscal year ending September 30. Source data for Hawaii 2003, 2005 and 2007 were revised. United States data for 2003 to 2007 were revised]

<b>Export</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Hawaii total 1/	79.8	88.6	95.2	93.2	88.7	100.2
Wheat and products	6.6	7.4	8.1	8.5	10.7	12.7
Fruit and preps.	35.6	46.4	54.2	49.8	38.7	43.5
Tree nuts	15.1	10.9	7.6	7.6	7.9	8.5
Live animals and meat	1.5	1.1	1.0	1.3	1.3	1.8
Hides and skins	0.5	0.4	0.4	0.5	0.5	0.5
Poultry and products	0.4	0.3	0.4	0.3	0.3	0.3
Fats, oils, and greases	0.1	0.2	0.1	0.1	0.2	0.3
Feeds and fodders	0.2	0.2	0.2	0.2	0.2	0.3
Seeds	0.5	0.6	0.6	0.3	0.6	0.9
Other 2/	19.4	21.2	22.4	24.5	28.2	31.4
United States total	55,951.4	62,315.3	62,503.8	68,678.1	82,363.7	115,451.5
Wheat and products	5,307.7	6,626.1	5,880.0	6,142.1	8,681.9	14,836.0
Rice	1,021.3	1,307.2	1,355.6	1,420.6	1,403.3	2,183.3
Feed grains	6,684.3	8,253.7	6,898.0	8,594.1	11,835.9	18,147.5
Soybeans and products	8,269.8	9,059.3	8,805.8	8,244.3	11,028.2	19,331.9
Sunflowerseed and products	117.4	170.1	143.5	192.4	196.2	226.8
Peanuts and products	187.7	219.1	217.5	224.7	249.6	337.5
Cotton and linters	2,853.7	4,534.2	3,879.5	4,677.9	4,304.9	4,782.2
Cottonseed and products	102.7	108.5	97.0	123.8	165.5	213.5
Unmanfctd. tobacco	1,001.2	1,049.6	988.4	1,058.4	1,143.5	1,279.8
Fruit and preps.	3,554.0	3,839.3	4,093.7	4,580.3	5,030.6	5,925.7
Tree nuts	1,489.9	1,924.5	2,499.7	3,008.6	3,024.9	3,488.1
Vegetables and preps.	3,097.8	3,291.3	3,631.9	3,908.6	4,298.5	5,160.2
Live animals and meat	6,279.7	4,417.5	4,922.7	5,831.3	6,800.0	9,454.6
Hides and skins	1,785.4	1,763.3	1,748.1	1,978.2	2,156.0	2,128.4
Poultry and products	2,103.7	2,519.2	3,028.7	2,966.9	3,777.1	4,922.4
Fats, oils, and greases	539.4	574.1	479.4	477.8	748.4	1,070.2
Dairy products	1,030.2	1,325.0	1,744.5	1,820.2	2,522.1	4,099.1
Feeds and fodders	1,998.6	2,032.2	2,210.6	2,493.2	2,887.8	3,988.6
Seeds	802.9	865.4	916.3	870.7	933.1	1,194.8
Other 2/	7,724.0	8,435.8	8,963.0	10,064.1	11,176.3	12,681.1

1/ Rice, feed grains, soybeans and products, sunflowerseed and products, peanuts and products, cotton and linters, cottonseed and products, unmanufactured tobacco, vegetables and preparations, and dairy products are zero for this period.

2/ Other includes sugar and tropical products, minor oilseeds, essential oils, beverages other than juice, nursery and greenhouse, wine, and misc. horticultural and vegetable products.

Source: U.S. Department of Agriculture, Economic Research Service, "Commodity exports by State historical (time-series) data for all States and commodity groups, 1999-2008" (June 30, 2009) <<http://www.ers.usda.gov/Data/StateExports/>> accessed July 1, 2009.

**Table 24.09-- PROFILE OF EXPORTING COMPANIES, UNITED STATES  
AND HAWAII: 2006 AND 2007**

[In number, millions of dollars, and percent]

Characteristic	2006 Exports		2007 Exports	
	U.S.	Hawaii	U.S.	Hawaii
State of origin of movement 1/				
Value of exports	1,036,635	706	1,162,479	560
Value as percent of total	100.0	0.1	100.0	2/ 0.0
Known value 3/	4/ 915,752	645	1,031,007	480
Percent of known value	100.0	0.1	100.0	2/ 0.0
Number of exporters	4/ 247,985	4/ 744	266,457	776
Percent of number of exporters	100.0	0.3	100.0	0.3
Percent change from previous year				
Value of exports	(NA)	(NA)	12.1	-20.6
Known value 3/	(NA)	(NA)	12.6	-25.7
Number of exporters	(NA)	(NA)	7.4	4.3

NA Not available.

1/ The Exporter Location designation has not been reported as of the 2000-2001 publication and had been discontinued as of January 2003. See <<http://www.census.gov/foreign-trade/Press-Release/notice.html>>.

2/ Rounds to zero.

3/ Defined as portion of total U.S. exports that could be matched to specific companies.

4/ Revised from previous *Data Book*.

Source: U.S. Census Bureau, *Profile of U.S. Exporting Companies, 2006-2007* (pp. 25-26)  
<<http://www.census.gov/foreign-trade/Press-Release/edb/2007/>> accessed April 9, 2009.

**Table 24.10-- AGRICULTURAL LANDHOLDINGS OF FOREIGN OWNERS:  
2003 TO 2007**

[The source report is required annually under section 5 of the U.S. Agricultural Foreign Investment Disclosure Act of 1978. Under the Act, any person who holds an Immigration and Naturalization Service Form I-151 or I-551 (green card) is exempt from filing. For 2000 to 2005, approximate landarea as established by the U.S. Census Bureau in conjunction with the 1990 Census of Population there were 4,111,000 acres of land in the state and for 2006 and 2007, 4,110,720 acres with the 2000 Census. Data are as of February 28, 2003 through 2007]

Subject	2003	2004	2005	2006	2007
Parcels owned by foreigners	99	100	103	104	105
Privately owned agricultural land (1,000's) 1/	1,986	1,986	1,986	1,803	1,803
Acres owned by foreigners	167,164	167,206	167,600	167,627	168,008
Percent of all privately owned agric. land 2/	8.4	8.4	8.4	9.3	9.3

1/ Preliminary estimate based on unpublished USDA, Economic Research Service 1997 data through 2005, and for 2006-2007, similar unpublished 2002 data of Ruben Lubowski, Economic Research Service. Total land area minus federal, state, county and municipal; Indian Trust; rural transportation; and urban lands. Includes forest land, pasture land, cropland, range, and miscellaneous. Estimates of urban and rural transportation lands are from U.S. Department of Agriculture, Economic Research Service, 2006 and estimates of federal and other public lands are from the General Services Administration, 2001 and National Resource Conservation Service, 2000 respectively.

2/ The 2007 percentage for Hawaii ranked 2nd (rank of 1 assigned to the highest) among the 50 States, exceeded only by Maine at 18.5 percent and well above the national percentage of 1.6 percent.

Source: U.S. Department of Agriculture, Farm Service Agency, *Foreign Ownership of U. S. Agricultural Land Through February 28, 2003* (annual thereafter), reports 1 and 3. See also <<http://www.fsa.usda.gov/FSA/webapp?area=home&subject=ecpa&topic=afa>>.

**Table 24.11-- AGRICULTURAL AND NONAGRICULTURAL LANDHOLDINGS OF FOREIGN OWNERS, BY COUNTRY AND BY COUNTY: 2006 AND 2007**

[The source report is required annually under section 5 of the U.S. Agricultural Foreign Investment Disclosure Act of 1978. Under the Act, any person who holds an Immigration and Naturalization Service Form I-151 or I-551 (green card) is exempt from filing. Based on a 2000 estimate from the U.S. Census Bureau Geography Division, there were 4,111,720 acres of land. Privately-owned: land area minus federal, state, county and municipal; Indian Trust; rural transportation; and urban lands. Includes forest land, pasture land, cropland, range, and miscellaneous.]

Subject	State total	Honolulu	Hawaii	Kauai	Maui
2006					
Parcels owned by foreigners	104	10	70	6	18
Use of agricultural landholdings of foreign owners	172,238	5,304	105,670	7,915	53,349
Cropland	41,761	994	37,915	132	2,720
Pasture	84,708	-	34,196	2,844	47,668
Forest	7,071	-	1,730	4,201	1,140
Other agriculture	34,087	1,117	30,656	697	1,617
Non agriculture	4,611	3,193	1,173	41	204
Acres owned by foreigners	172,238	5,304	105,670	7,915	53,349
Canada	76	-	66	-	10
France	38	-	-	-	38
Germany	434	-	23	384	27
Switzerland	258	-	-	258	-
United Kingdom	3,128	-	3,128	-	-
All others	168,304	5,304	102,453	7,273	53,274
2007					
Parcels owned by foreigners	105	10	71	6	18
Use of agricultural landholdings of foreign owners	172,619	5,304	106,051	7,915	53,349
Cropland	41,761	994	37,915	132	2,720
Pasture	85,089	-	34,577	2,844	47,668
Forest	7,071	-	1,730	4,201	1,140
Other agriculture	34,087	1,117	30,656	697	1,617
Non agriculture	4,611	3,193	1,173	41	204
Acres owned by foreigners	172,619	5,304	106,051	7,915	53,349
Canada	76	-	66	-	10
Germany	434	-	23	384	27
Netherlands	3,711	-	3,711	-	-
United Kingdom	3,128	-	3,128	-	-
All others	165,270	5,304	99,123	7,531	53,312

Source: U.S. Department of Agriculture, Farm Service Agency, *Foreign Ownership of U. S. Agricultural Land Through February 28, 2006*, reports 1, 2 and 3; and *Ibid. February 28, 2007*. See also <<http://www.fsa.usda.gov/FSA/webapp?area=home&subject=ecpa&topic=afa>>.

**Table 24.12-- FOREIGN DIRECT INVESTMENT IN HAWAII IN GROSS PROPERTY, PLANT, AND EQUIPMENT OF NONBANK AFFILIATES, BY COUNTRY OF ULTIMATE BENEFICIAL OWNER: 1977 TO 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	12,941	11,377	10,962	33	382	152	985	299	128
1999	11,460	10,113	9,689	35	389	118	823	274	132
2000	10,369	8,983	8,452	36	495	28	948	272	138
2001	9,787	8,354	7,924	38	392	28	1,049	246	110
2002 3/	7,816	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2003 3/	7,579	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2004 3/	6,741	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2005 3/	5,838	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2006 3/	5,641	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

D Withheld to avoid disclosing data for individual companies.

NA Not available.

1/ Figures for Australia include New Zealand and South Africa for 1977-86 but exclude these countries thereafter.

2/ Figures for Other subtotal include New Zealand and South Africa for 1987-1998 but exclude these countries for 1977-86. Figures for Other subtotal include Middle East, Africa less South Africa, Other Asia and Pacific less New Zealand, and United States for those years.

3/ Beginning with 2002, the survey data was largely tabulated for majority-owned (50 percent or more foreign direct investor) affiliates. See also table 24.17. 2005 estimate has been revised from previous *Data Book* and 2006 estimate is preliminary.

Source: U.S. Department of Commerce, *Foreign Direct Investment in the United States, Operations of U.S. Affiliates of Foreign Companies* (annual) and *Foreign Direct Investment in the United States: Benchmark Survey, Final Results* (various years) and <<http://www.bea.gov/bea/ai/newiid.htm>> accessed October 17, 2008; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 24.13-- EMPLOYMENT OF NONBANK AFFILIATES IN HAWAII, BY COUNTRY OF AFFILIATE: 1977 TO 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	45.4	31.9	30.6	(D)	(D)	1.5	6.8	4.0	1.2
1999	44.3	31.5	29.9	(3/)	(D)	0.9	7.1	3.7	1.1
2000	44.8	29.9	28.5	(D)	(D)	1.3	8.5	3.8	1.3
2001	41.0	27.5	26.2	(D)	(NA)	0.8	7.9	3.9	0.9
2002 4/	37.1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2003 4/	35.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2004 4/	31.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2005 4/	29.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2006 4/	28.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

D Withheld to avoid disclosing data for individual companies.

NA Not available.

1/ Figures for Australia include New Zealand and South Africa for 1977-86 but exclude these countries thereafter.

2/ Figures for Other subtotal include New Zealand and South Africa for 1987-1998 but exclude these countries for 1977-86. Figures for Other subtotal include Middle East, Africa less South Africa, Other Asia and Pacific less New Zealand, and United States for those years.

3/ Fewer than 50 employees.

4/ Beginning with 2002, the survey data was largely tabulated for majority-owned (50 percent or more foreign direct investor) affiliates. See also table 24.17. 2005 estimate has been revised from previous *Data Book* and 2006 estimate is preliminary.

Source: U.S. Department of Commerce, *Foreign Direct Investment in the United States, Operations of U.S. Affiliates of Foreign Companies* (annual) and *Foreign Direct Investment in the United States: Benchmark Survey, Final Results* (various years) and <[http://www.bea.gov/scb/account\\_articles/international/iidguide.htm](http://www.bea.gov/scb/account_articles/international/iidguide.htm)> accessed October 17, 2008; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 24.14-- FOREIGN DIRECT INVESTMENT IN HAWAII IN GROSS PROPERTY, PLANT, AND EQUIPMENT OF NONBANK AFFILIATES, BY INDUSTRY OF AFFILIATE: 1977 TO 2006**

[Investment by Hawaii nonbank affiliates of U.S. business enterprises owned 10 percent or more, directly or indirectly, by a foreign person. In millions of dollars. Data for 1996 are the last year presented according to the International Survey Industry based on the 1987 Standard Industrial Classification. See Table 24.16 for detailed 1997-2001 estimates]

Year	All industries	Petroleum	Manufacturing	Wholesale trade	Retail trade	Finance, nonbank	Insurance	Real estate	Services & other	Services	Other
1977	672	16	8	5	54	0	1	233	354	(NA)	(NA)
1978	742	17	12	8	57	1	1	246	400	(NA)	(NA)
1979	789	17	14	7	65	1	1	256	427	(NA)	(NA)
1980	1,020	(D)	(D)	17	52	(D)	2	431	474	(NA)	(NA)
1981	1,158	(D)	24	(D)	(D)	1	2	494	501	(NA)	(NA)
1982	1,366	21	38	24	80	(D)	1	584	(D)	(NA)	(NA)
1983	1,460	22	40	28	253	10	1	558	(D)	(NA)	(NA)
1984	1,691	23	73	56	274	3	3	605	653	(NA)	(NA)
1985	1,777	26	103	60	281	3	2	584	719	(NA)	(NA)
1986	2,013	31	157	61	280	4	1	713	767	(NA)	(NA)
1987	3,474	26	129	44	297	3	(D)	991	(D)	1,860	(D)
1988	4,990	28	201	91	322	3	8	1,739	2,598	2,371	227
1989	8,224	(D)	247	179	340	10	15	2,380	(D)	4,309	(D)
1990	11,830	(D)	368	189	490	17	15	3,868	(D)	5,855	(D)
1991	13,921	(D)	386	212	535	82	13	4,069	(D)	7,385	(D)
1992	15,454	(D)	290	(D)	564	222	17	5,075	8,450	7,939	511
1993	16,030	(D)	296	258	570	300	(D)	4,907	8,970	8,454	516
1994	16,185	(D)	308	257	597	306	18	4,615	(D)	8,863	(D)
1995	15,972	(D)	319	168	626	(D)	21	4,374	9,255	8,480	775
1996	15,324	(D)	279	181	739	205	(D)	4,167	8,830	8,072	758
1997	14,805	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1998	12,941	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1999	11,460	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2000	10,369	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2001	9,787	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 1/	7,816	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2003 1/	7,579	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2004 1/	6,741	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2005 1/	5,838	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2006 1/	5,641	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

D Withheld to avoid disclosing data for individual companies.

NA Not available.

1/ Beginning with 2002, the survey data was largely tabulated for majority-owned (50 percent or more foreign direct investor) affiliates. See also table 24.17. Estimate for 2005 has been revised from previous *Data Book* and estimate for 2006 is preliminary.

Source: U.S. Department of Commerce, *Foreign Direct Investment in the United States, Operations of U.S. Affiliates of Foreign Companies* (annual) and *Foreign Direct Investment in the United States: Benchmark Survey, Final Results* (various years) and <[http://www.bea.gov/scb/account\\_articles/international/iidguide.htm](http://www.bea.gov/scb/account_articles/international/iidguide.htm)> accessed October 17, 2008; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 24.15-- EMPLOYMENT OF NONBANK AFFILIATES IN HAWAII,  
BY INDUSTRY OF AFFILIATE: 1977 TO 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 1/	Petro- leum	Manufac- turing	Whole- sale trade	Retail trade	Finance, nonbank	Insur- ance	Real estate	Services & other	Services	Other
1977	11.4	(D)	0.6	0.4	2.9	-	0.2	0.2	(D)	(NA)	(NA)
1978	11.9	(D)	0.8	0.6	3.2	-	0.2	0.2	(D)	(NA)	(NA)
1979	14.7	(D)	1.3	0.7	4.0	-	0.2	0.3	(D)	(NA)	(NA)
1980	15.5	(D)	1.3	0.8	4.0	(D)	0.3	0.5	(D)	(NA)	(NA)
1981	17.0	(D)	1.3	0.8	5.4	0.1	0.3	0.8	(D)	(NA)	(NA)
1982	16.4	(D)	1.9	0.7	4.2	0.3	(D)	0.7	8.4	(NA)	(NA)
1983	16.3	(D)	1.4	0.8	4.5	0.3	0.2	0.7	(D)	(NA)	(NA)
1984	16.5	(D)	2.0	2.0	4.4	0.2	0.3	0.5	(D)	(NA)	(NA)
1985	18.7	(D)	2.0	1.8	5.0	0.2	0.3	1.0	(D)	(NA)	(NA)
1986	18.4	(D)	2.4	2.0	4.5	0.2	0.2	1.3	(D)	(NA)	(NA)
1987	27.3	-	1.3	1.3	5.1	0.2	1.4	0.6	17.4	11.0	6.4
1988	34.8	-	2.1	2.9	5.3	0.2	0.4	1.8	22.2	13.2	9.0
1989	45.0	0.8	2.3	4.0	5.3	0.2	1.0	2.0	29.5	16.9	12.6
1990	53.0	0.9	2.8	4.2	7.1	0.2	1.0	3.5	33.4	21.2	12.2
1991	56.0	(D)	2.7	4.7	(D)	0.2	1.1	(D)	35.5	23.0	12.5
1992	53.8	(D)	3.5	4.1	7.8	0.2	(D)	3.1	32.9	23.8	9.1
1993	52.4	1.3	2.3	4.2	7.8	0.1	1.0	3.4	32.4	25.0	7.4
1994	50.8	1.0	2.4	3.5	7.8	0.2	0.9	2.6	32.5	26.0	6.5
1995	48.9	(1/)	2.4	1.9	9.1	0.1	(2/)	2.6	30.6	23.4	7.2
1996	47.5	(1/)	2.2	1.5	(3/)	0.1	0.9	2.2	29.5	22.2	7.3
1997	50.2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1998	45.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1999	44.3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2000	44.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2001	41.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 4/	37.1	(NA)	1.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2003 4/	35.6	(NA)	0.7	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2004 4/	31.5	(NA)	0.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2005 4/	29.0	(NA)	0.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2006 4/	28.9	(NA)	1.1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

D Withheld to avoid disclosing data for individual companies.

NA Not available.

1/ Employment range 1,000 to 2,499.

2/ Employment range 500 to 999.

3/ Employment range 10,000 to 49,999.

4/ Beginning with 2002, the survey data was largely tabulated for majority-owned (50 percent or more foreign direct investor) affiliates. See also table 24.17. Estimate for 2005 has been revised from previous *Data Book* and estimate for 2006 is preliminary.

Source: U.S. Department of Commerce, *Foreign Direct Investment in the United States, Operations of U.S. Affiliates of Foreign Companies* (annual) and *Foreign Direct Investment in the United States: Benchmark Survey, Final Results* (various years) and <[http://www.bea.gov/scb/account\\_articles/international/iidguide.htm](http://www.bea.gov/scb/account_articles/international/iidguide.htm)> accessed October 17, 2008; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 24.16-- FOREIGN DIRECT INVESTMENT IN HAWAII IN GROSS PROPERTY, PLANT, AND EQUIPMENT OF NONBANK AFFILIATES AND EMPLOYMENT, BY INDUSTRY OF AFFILIATE: 1997 TO 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	12,941	324	185	810	178	87	3,844	1	7,513
1999	11,460	284	177	939	238	58	3,228	2	6,534
2000	10,369	245	228	601	337	81	3,053	4	5,821
2001	9,787	245	277	631	259	76	2,909	4	5,386
2002 2/	7,816	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2003 2/	7,579	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2004 2/ 3/	6,741	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2005 2/ 3/	5,838	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2006 2/ 3/	5,641	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Employment									
1997	50.2	2.0	2.0	6.6	0.5	1.0	3.2	0.1	34.9
1998	45.4	2.3	2.0	6.5	0.7	1.0	3.5	0.1	29.3
1999	44.3	2.4	1.7	6.6	0.8	1.0	1.7	0.1	29.8
2000	44.8	2.5	3.5	6.5	0.9	1.1	1.8	0.1	28.4
2001	41.0	2.2	3.9	6.2	0.7	1.1	1.9	0.1	24.9
2002 2/	37.1	1.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2003 2/	35.6	0.7	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2004 2/	31.5	0.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2005 2/	29.0	0.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2006 2/	28.9	1.1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available.

1/ Effective with 1997 the data are classified according to the 1997 International Survey Industry which is based on the 1997 North American Industry Classification System (NAICS). Petroleum is no longer shown as a separate industry, instead the various petroleum-related activities are distributed among the major NAICS-based industries to which they belong, e.g. gas stations are in retail trade. Services is no longer shown as a separate industry, instead the various services-related activities are distributed among the major NAICS-based industries such as Information, Professional, Other industries, etc. See Tables 24.12 and 24.13 for 1977-96 detailed estimates.

2/ Beginning with 2002, survey data was largely tabulated for majority-owned (50 percent or more foreign direct investor) affiliates. See also table 24.17. Estimate for 2005 has been revised from previous Data Book and estimate for 2006 is preliminary.

3/ Indicates that more than 50 percent of the value for the data cell has been estimated by BEA to account for data not reported by respondents.

Source: U.S. Department of Commerce, *Foreign Direct Investment in the United States, Operations of U.S. Affiliates of Foreign Companies* (annual) and *Foreign Direct Investment in the United States: Benchmark Survey, Final Results 1997*; *Ibid, Preliminary Results 2002*. See also <<http://www.bea.gov/bea/ai/newiid.htm>> accessed October 17, 2008; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 24.17-- FOREIGN DIRECT INVESTMENT IN MAJORITY-OWNED NONBANK AFFILIATES: 2005 AND 2006**

[Investment by Hawaii nonbank affiliates of U.S. business enterprises owned 50 percent or more, directly or indirectly, by a foreign person. Estimates for 2005 are revised and for 2006 are preliminary]

Category	Gross property, plant, and equipment (million dollars)	Employment (1,000 employees)
<b>2005 1/</b>		
All countries	5,806	28.6
Asia & Pacific	4,843	18.1
Japan	4,458	16.8
Canada	93	0.5
Europe	649	7.9
Latin America & other Western Hemisphere	36	1.0
Other, subtotal 2/	185	1.1
All industries 3/	5,806	28.6
Manufacturing	321	2.6
Wholesale trade	260	2.0
Retail trade	350	3.4
Information	127	0.3
Finance (exc. depository inst) & insurance	16	0.4
Real estate, rental & leasing	1,132	2.8
Professional, scientific, & technical services	4/ 3	0.1
Other industries	3,597	16.9
<b>2006 1/</b>		
All countries	5,607	28.5
Asia & Pacific	4,546	16.9
Japan	4,200	16.0
Canada	107	0.7
Europe	726	8.7
Latin America & other Western Hemisphere	26	1.0
Other, subtotal 2/	202	1.2
All industries 3/	5,607	28.5
Manufacturing	287	2.9
Wholesale trade	359	2.1
Retail trade	327	3.3
Information	131	0.3
Finance (exc. depository inst) & insurance	15	0.4
Real estate, rental & leasing	4/ 926	1.7
Professional, scientific, & technical services	4/ 3	4/ 0.1
Other industries	3,557	17.7

D Withheld to avoid disclosing data for individual companies.

1/ In 2005 there were 237 affiliates with total assets, sales, or net income (or loss) greater than \$10 million and that had employment, and in 2006, there were 242.

2/ Includes Africa, the Middle East, and the United States.

3/ Effective with 1997 the data are classified according to the 1997 International Survey Industry which is based on the 1997 North American Industry Classification System (NAICS).

4/ Indicates that more than 50 percent of the value for the data cell has been estimated by BEA to account for data not reported by respondents.

Source: U.S. Department of Commerce, *Foreign Direct Investment in the United States, Operations of U.S. Affiliates of Foreign Companies* (annual), tables III.D-12; III.D-13; III.D-18; III.G-7, and III.G-8

<[http://www.bea.gov/scb/account\\_articles/international/iidguide.htm#FDIUS](http://www.bea.gov/scb/account_articles/international/iidguide.htm#FDIUS)> accessed October 17, 2008; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

# BIBLIOGRAPHY

This volume is the 41st of its type compiled by the Hawaii State Department of Business, Economic Development & Tourism (DBEDT) and its predecessor agencies. The first was *Statistical Abstract of Hawaii, 1962*, issued by the Department of Planning and Research in 1962. After a four-year hiatus, updated versions titled *The State of Hawaii Data Book* were published by the Department of Planning and Economic Development in 1967, 1968, and annually beginning in 1970. The 1987 edition was the first one issued by DBEDT. Copies can be consulted in the DBEDT Library, Hawaii State Library, University of Hawaii and community college libraries, and other collections throughout the state.

Additional information regarding specific statistical sources can be found in the introductory statements to each section of the *Data Book*, in footnotes and source references to the various tables, and in the underlying reports.

Although most of the series in the *Data Book* are shown only for recent years, many earlier figures appear in *Historical Statistics of Hawaii*, by Robert C. Schmitt. This book, published by the University Press of Hawaii in 1977, contains 711 pages of narrative and tables on the development of statistics in Hawaii since the 18th century.

Statistical abstracts have also been published for the counties of Hawaii, Maui and Kauai. The Hawaii County Department of Research and Development issued its *2006 County of Hawaii Data Book*, a 550 page compendium, in November 2007 and this information is updated on a regular basis on the Internet site <[http://co.hawaii.hi.us/databook\\_current/dbbooktoc.htm](http://co.hawaii.hi.us/databook_current/dbbooktoc.htm)>. *Maui County Data Book 2007*, 249 pages, a joint production of the Maui County Office of Economic Development and the Hawaii Business Research Library, a division of the Hawaii Small Business Development Center Network, was issued in April 2008. The price per print copy is \$20.00. The online version and archives of previous editions is available at <<http://www.hbrl-sbdc.org/mcdb.htm>>. *Statistical Abstract of the Kauai Economy, 2002*, prepared by the Kauai County Office of Economic Development, appeared in June 2002. No update to the abstract is planned. Statistical data for Kauai County may be accessed on-line at <[www.kauai.gov/business](http://www.kauai.gov/business)>.

Persons interested in data for other states or the nation as a whole should consult the *Statistical Abstract of the United States* and other Census Bureau resources such as the *State and Metropolitan Area Data Book*, *County and City Data Book* and *USA Counties* <<http://www.census.gov/compendia/statab/>>. The *Abstract* is an annual publication of the U.S. Census Bureau which was initiated in 1878. The current edition is the 128<sup>th</sup> and is dated 2009. Accessing and ordering information for the *Statistical Abstract* as well as other Census Bureau products may be viewed at the website <<http://www.census.gov/>>.

**Table A.-- PRINTING HISTORY OF THE STATE OF HAWAII DATA BOOK:  
1993-94 TO 2008**

[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/

- 1/ U.S. Mainland price; \$15.00 for Canada, \$20.00 for Mexico, and \$40.00 for all other countries.  
 2/ U.S. Mainland price; \$21.00 for Canada, \$28.00 for Mexico, and \$48.00 for all other countries.  
 3/ U.S. Mainland price; \$25.00 for Canada, \$38.00 for Mexico, and \$51.00 for all other countries.  
 4/ U.S. Mainland price; \$27.00 for Canada, \$40.00 for Mexico, and \$53.00 for all other countries.  
 5/ The *State of Hawaii Data Book* was not printed. It is available electronically on the Internet. It is also available on CD-ROM for selected *Data Books*.  
 6/ U.S. Mainland price; \$36.00 for Canada, \$41.00 for Mexico, and \$53.00 for all other countries.  
 7/ *2006 Data Book* was not available for purchase.  
 Source: Hawaii State Department of Business, Economic Development & Tourism records.

# AVAILABILITY OF ELECTRONIC VERSIONS OF THE DATA BOOK TABLES

Selected *State of Hawaii Data Books* are available to the public on CD-ROMs and the Internet.

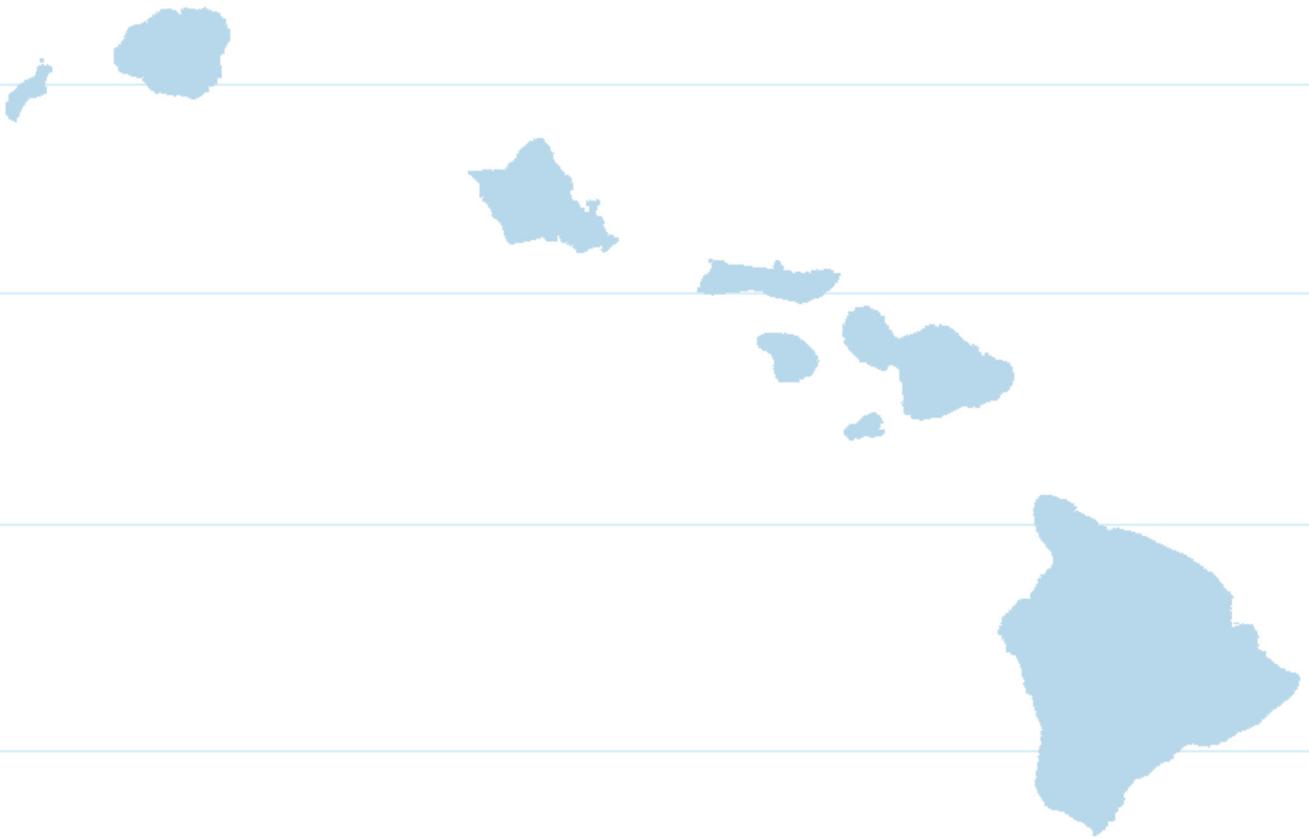
Electronic versions of the Data Book on CD-ROM are distributed on the Hawai'i Data Disc series. The first Hawai'i Data Disc, produced by the Research and Economic Analysis Division of DBEDT in 1993, contained the 1989 through 1992 *Data Books*. The 2002 Hawai'i Data Disc became available in September 2002 and included the *Data Books* for 1998 through 2001; the 2003 Hawai'i Data Disc in November 2003 with the *Data Books* for 2001 and 2002; the 2004 Hawai'i Data Disc in November 2004 with the *Data Books* for 2002 and 2003; the 2005 Hawai'i Data Disc in August 2005 with the *Data Books* for 2000 through 2004; and the 2006 Hawai'i Data Disc in August 2006 with the *Data Books* for 2001 through 2005. 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 latest CD-ROM, the 2008 Hawai'i Data Disc, was released in August 2008 and included the *Data Books* for 2003 through 2007.

Since 1996, the *Data Book* and other DBEDT publications and information have been made available on the Internet. The current DBEDT Internet site is <http://www.hawaii.gov/dbedt/>. *Data Book* tables may be viewed or downloaded from this web site. Updates and revisions to the tables will also be accessible throughout the year on the DBEDT Internet site.

A related online product is the *State of Hawaii Data Book Time Series*. Information from *Data Books* published between 1969 to the present were combined to produce a time series for selected tables. Only tables that had at least five years of continuous data were selected. This product is also found on the current DBEDT Internet site.

A new Internet site which hosts the DBEDT Data Warehouse is now available at <http://www.hawaiieconomicdata.com/>. Time-series data from the *Data Book* may be obtained using the quick or the customized report functions. Recent *State of Hawaii Data Books* as well as *Data Book* table updates may also be accessed on this site under the "Reports" section.

For further information about available data and sources, users should call the DBEDT Library at (808) 586-2424.



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