

State Population Total

1,257,608

City & County of Honolulu

902,704

Hawaii County

158,423



2003

The State of Hawaii
DATA BOOK
A Statistical Abstract

Kauai County

60,747

Maui County

135,734



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

2003

The State of Hawaii
DATA BOOK
A Statistical Abstract



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

August 2004

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Bibliography

Table A. Printing History of the State of Hawaii Data Book
On-line availability of *Data Book* tables to public

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 Pearl Imada Iboshi with the assistance of Glenn K. Ifuku (retired State Statistician), Mary Blewitt, Hans Meyer, Jan Nakamoto, Paul Oshiro, Michelle Fernandez, Greg Leong, Tam Yee, Francesca Delos Reyes, Angeline Aniya, David Hiromoto and the DBEDT Library. The Office of Planning, DBEDT, produced the maps.

The report is available <<http://www2.hawaii.gov/dbedt/>>.

ABOUT THIS EDITION

The Department of Business, Economic Development & Tourism is pleased to present the 2003 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 36th 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.



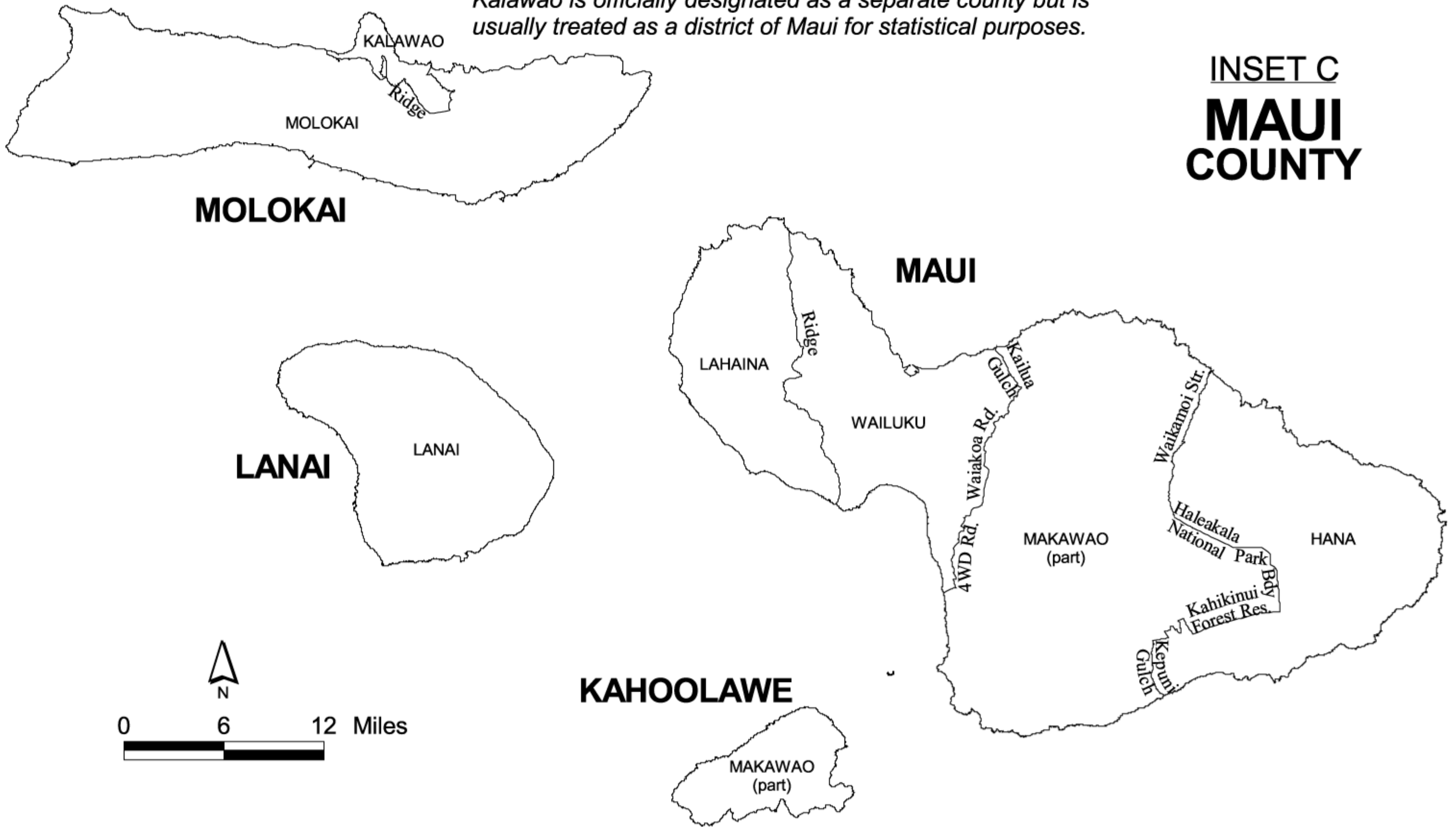
Linda Lingle
Governor of Hawaii



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

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

**INSET C
MAUI
COUNTY**

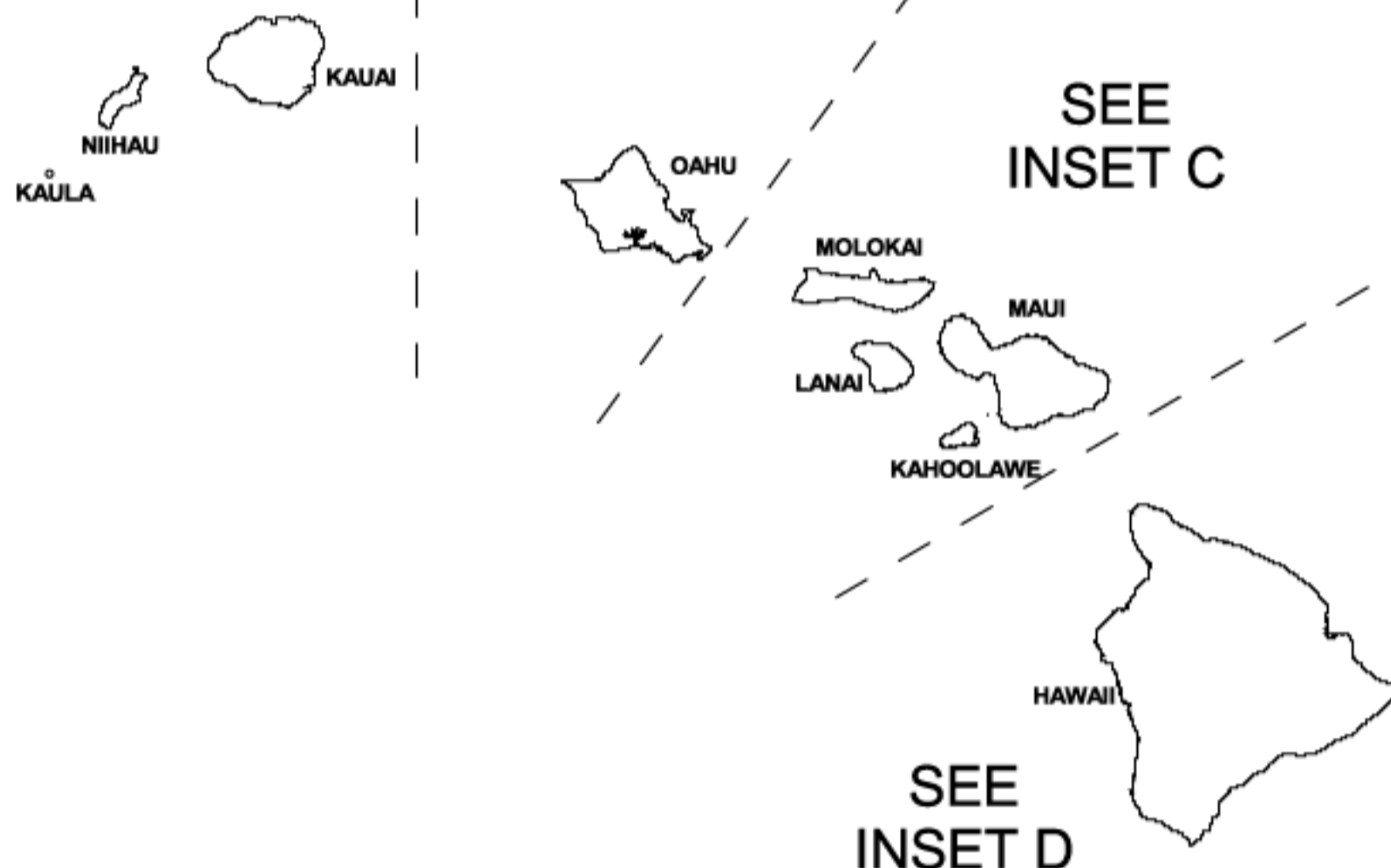


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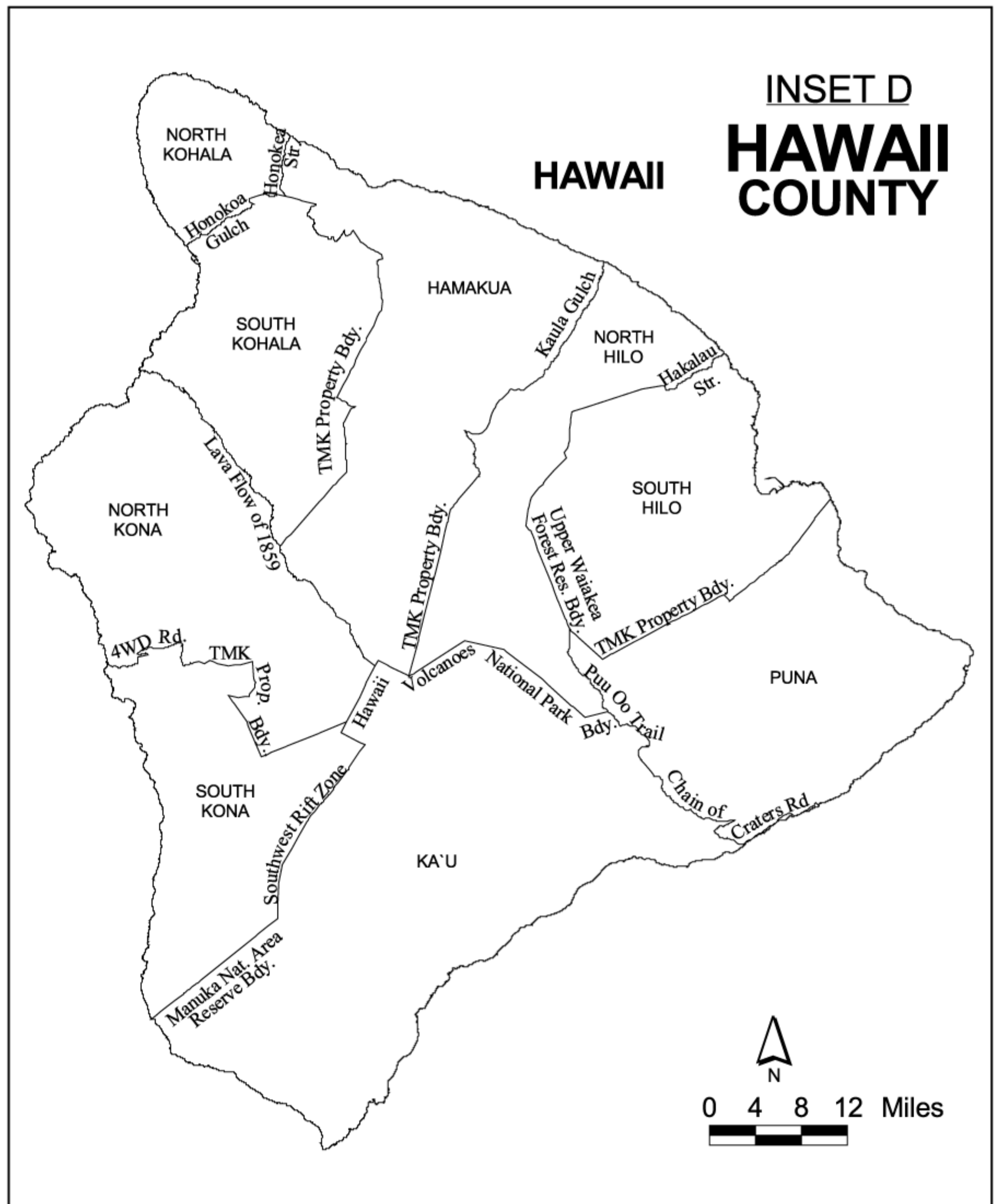
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**INSET D
HAWAII
COUNTY**



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STATE OF HAWAII

DEPARTMENT OF BUSINESS, ECONOMIC
DEVELOPMENT & TOURISM

OFFICE OF PLANNING

2001

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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.

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 Universal 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 U.S. Immigration and Naturalization Service tabulations on immigration. 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: 2003*.

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:
1990 TO 2003**

[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/
1990: April 1	1,108,229	55,222	1,053,007	59,935	993,072
July 1	1,113,491	55,288	1,058,203	60,614	997,589
1991: July 1	1,136,754	54,738	1,082,016	63,328	1,018,688
1992: July 1	1,158,613	55,099	1,103,514	56,994	1,046,520
1993: July 1	1,172,838	52,674	1,120,164	62,166	1,057,998
1994: July 1	1,187,536	52,845	1,134,691	54,130	1,080,561
1995: July 1	1,196,854	50,729	1,146,125	46,311	1,099,814
1996: July 1	1,203,755	47,986	1,155,769	54,882	1,100,887
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	39,036	1,172,501	43,090	1,129,411
July 1	1,212,343	40,796	1,171,547	45,053	1,126,494
2001: July 1	1,225,038	42,449	1,182,589	52,906	1,129,683
2002: July 1	1,240,663	4/ 43,626	1,197,037	49,044	1,147,993
2003: July 1	1,257,608	44,458	1,213,150	56,572	1,156,578

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 18, 2003 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 for use in population estimation. They differ somewhat from corresponding figures from other sources.

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

4/ Revised from previous *Data Book*.

Source: U.S. Census Bureau, Population Division, Table NST EST2003-01 - Annual Estimates of the Population for the United States and States, and for Puerto Rico: April 1, 2000 to July 1, 2003 (December 18, 2003) <http://eire.census.gov/popest/data/states/NST-EST2003-ann_est.php> accessed December 18, 2003 and decennial censuses; and the Hawaii State Department of Business, Economic Development & Tourism, annual survey of local commanding officers; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 1.04-- RESIDENT AND DE FACTO POPULATION, BY RESIDENCE STATUS: 1990 TO 2002

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	5/ 1,240,013	154,516	5/ 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	1,212,670	46,151	1,335,156	168,637	1.101
2001 July 1	1,227,024	46,566	1,338,705	158,247	1.091
2002 July 1	1,244,898	46,757	1,362,713	164,572	1.095

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 18, 2003 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.

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, Federal-State Cooperative Program for Population Estimates <<http://eire.census.gov/popest/estimates.php>> accessed December 31, 2002; Hawaii State Department of Business, Economic Development & Tourism, Tourism Research Branch.

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 COUNTIES: 1990 TO 2003

[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 1/	City and County of Honolulu	Hawaii County	Kauai County	Maui County 2/
1990: April 1	1,108,229	836,231	120,317	51,177	100,504
July 1	1,113,491	838,534	121,572	51,676	101,709
1991: July 1	1,136,754	850,510	127,266	53,379	105,599
1992: July 1	1,158,613	863,959	131,630	54,439	108,585
1993: July 1	1,172,838	870,348	135,085	55,461	111,944
1994: July 1	1,187,536	878,591	137,713	56,478	114,754
1995: July 1	1,196,854	881,399	140,492	57,068	117,895
1996: July 1	1,203,755	883,443	141,935	57,688	120,689
1997: July 1	1,211,640	886,711	144,445	57,712	122,772
1998: July 1	1,215,233	886,909	145,833	57,843	124,648
1999: July 1	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	1,212,343	875,654	149,252	58,537	128,900
2001: July 1	1,225,038	882,550	151,773	59,031	131,684
2002: July 1	1,240,663	892,562	154,821	59,960	133,320
2003: July 1	1,257,608	902,704	158,423	60,747	135,734

1/ 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 April 1, 2000 are based on revisions released in April 2003 and may differ somewhat from earlier figures cited in other tables.

2/ Including Kalawao County (Kalaupapa Settlement). Kalawao had 130 in 1990, 147 in 2000, and 129 in 2003.

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; "Annual Estimates of the Population for Counties of Hawaii: April 1, 2000 to July 1, 2003" (CO-EST 2003-01-15)

<<http://eire.census.gov/popest/data/counties/tables/CO-EST2003-01-15.xls>> accessed April 9, 2004.

Table 1.07-- DE FACTO POPULATION, BY COUNTIES: 1980 TO 2002

[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/
1980: April 1	1,051,508	821,068	98,588	46,048	85,803
July 1	1,054,218	822,408	99,181	46,341	86,288
1981: July 1	1,061,588	823,849	101,597	47,246	88,895
1982: July 1	1,082,311	835,903	104,087	48,304	94,016
1983: July 1	1,107,563	844,984	108,331	50,419	103,829
1984: July 1	1,129,088	851,350	109,480	54,027	114,230
1985: July 1	1,136,160	853,605	112,343	55,086	115,125
1986: July 1	1,165,826	869,891	116,451	59,599	119,885
1987: July 1	1,185,394	880,191	120,289	62,007	122,906
1988: July 1	1,198,637	887,025	122,038	64,090	125,484
1989: July 1	1,234,640	898,727	131,153	67,300	137,460
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	1,335,156	925,444	166,446	74,726	168,540
2001: July 1	1,338,705	928,134	168,150	73,970	168,451
2002: July 1	1,362,713	942,193	172,468	75,246	172,806

1/ Maui County including Kalawao County. The 2002 de facto population of Kalawao County, which is the Kalaupapa Settlement on Molokai, was 132.

Source: U.S. Census Bureau, Federal-State Cooperative Program for Population Estimates; <<http://eire.census.gov/popest/data/counties/tables/CO-EST2002/CO-EST2002-01-15.php>> accessed September 17, 2003; Hawaii State Department of Business, Economic Development & Tourism, Tourism Research Branch <<http://www.hawaii.gov/dbedt/latest.html>> accessed September 17, 2003; calculations by the Hawaii State Department of Business, Economic Development & Tourism, Tourism Research Branch.

Table 1.08-- RESIDENT AND DE FACTO POPULATION, BY COUNTIES AND ISLANDS: 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
Counties:						
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

NA 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 1.09-- LAND AREA AND POPULATION DENSITY, BY COUNTIES
AND ISLANDS: 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
Counties:						
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
Islands:						
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); de facto and density computed by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 1.10-- 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 1.11-- 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
Kealahou	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 1.11-- 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 1.11-- 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 1.11-- 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
Kaumakani	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 1.12-- POPULATION RANKING OF THE STATE, HONOLULU, AND COUNTIES: 2000 AND 2003

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

Comparison 1/	Resident population, 2003	Ranking		
		Population 2/		Percent change, 2000-2003 3/
		2000	2003	
State of Hawaii:				
Among the 50 States and D.C.	1,257,608	42	42	17
Among the 50 States	1,257,608	42	42	17
Honolulu MSA: 4/				
Among all MSAs and CMSAs	5/ 902,704	56	(NA)	(NA)
City and County of Honolulu: 6/				
Among all counties	902,704	48	47	841
Among incorporated places 7/	902,704	12	11	8/ 94
Honolulu CDP: 9/				
Among incorporated places 7/	380,149	47	45	10/ 117
Hawaii County 11/	158,423	363	350	326
Kalawao County 11/	129	3,140	12/ 3,140	3,136
Kauai County 11/	60,747	818	812	653
Maui County 11/	135,605	422	416	378

Continued on next page.

Table 1.12-- POPULATION RANKING OF THE STATE, HONOLULU, AND COUNTIES: 2000 AND 2003 -- Con.

NA Not available.

1/ MSA, Metropolitan Statistical Area; CMSA, Consolidated MSA; 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 2000-2003 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/ Latest MSA figures for the United States were for April 1, 2000. Figure displayed is the July 1, 2003 population estimate for the City and County of Honolulu. See footnote 4.

6/ The City and County of Honolulu consists of Oahu and the Northwestern Hawaiian Islands (except Midway). There are 3,141 U.S. counties in 2000 and 2003. There are 245 incorporated places with a population of over 100,000 in 2003.

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

8/ Tied with three other states.

9/ 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.

10/ Tied with two other states.

11/ Among all 3,141 U.S. counties.

12/ 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 62.

Source: U.S. Census Bureau, Population Division <<http://eire.census.gov/popest/estimates.php>> accessed June 24, 2004.

2000 NEIGHBORHOOD AREAS

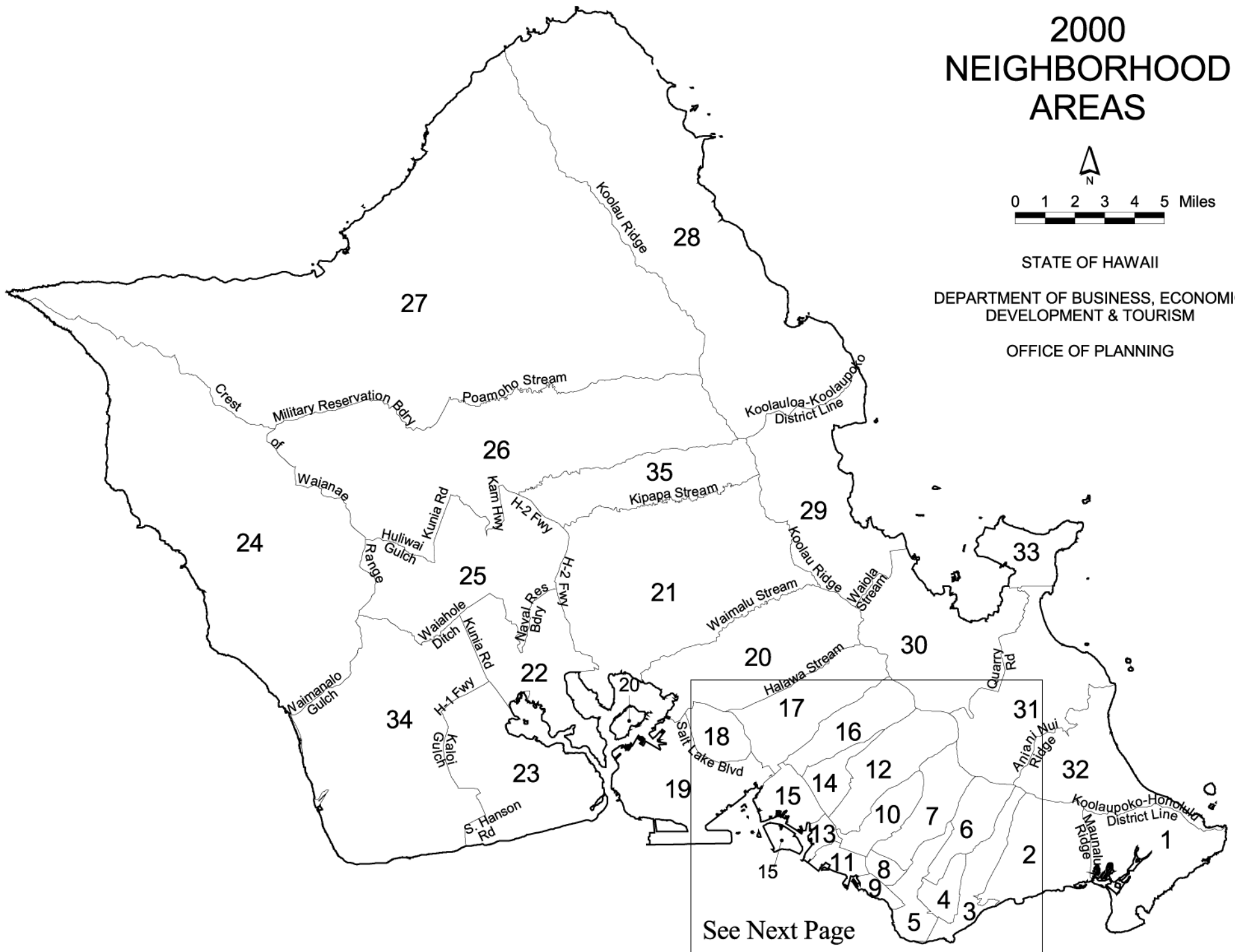


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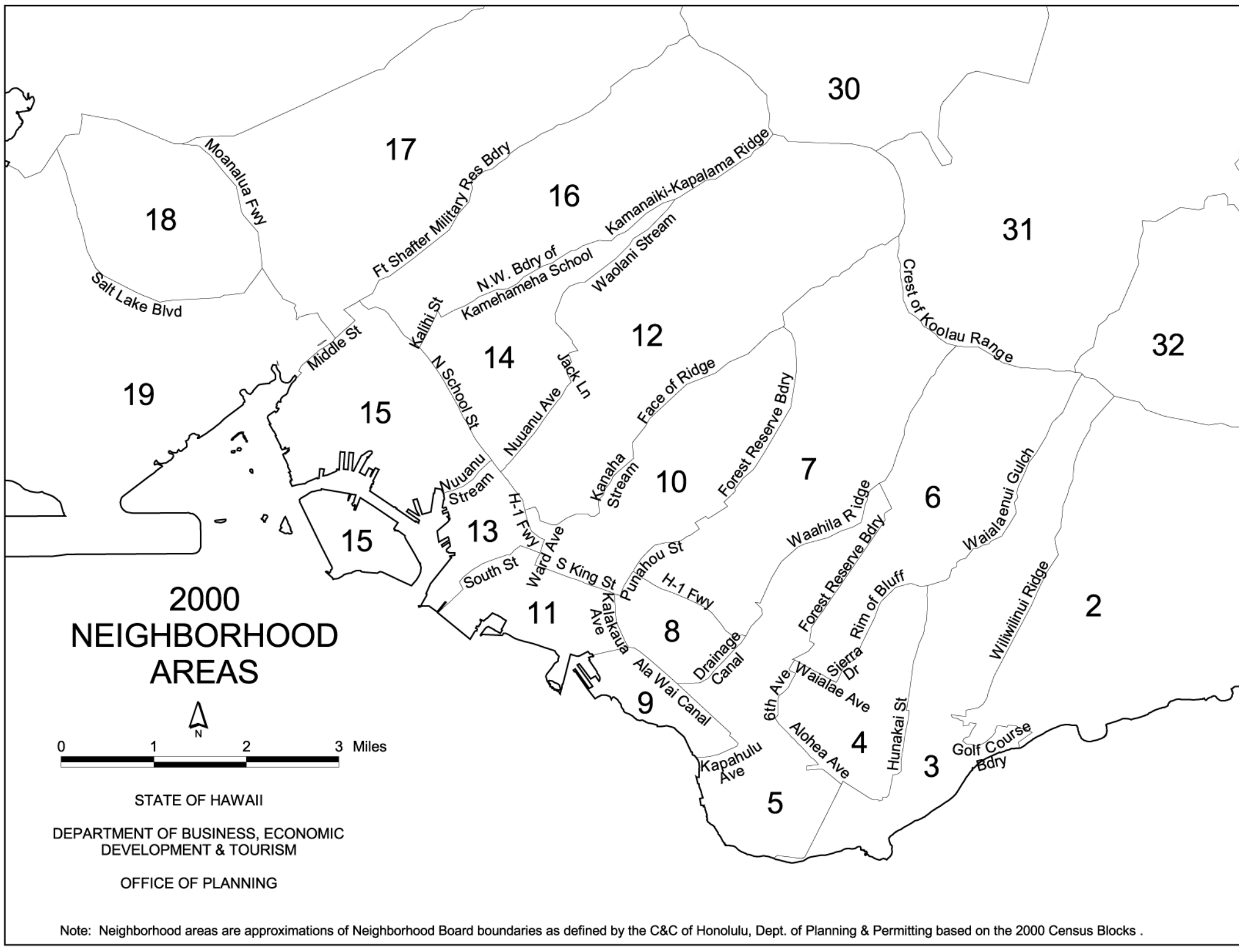
STATE OF HAWAII

DEPARTMENT OF BUSINESS, ECONOMIC
DEVELOPMENT & TOURISM

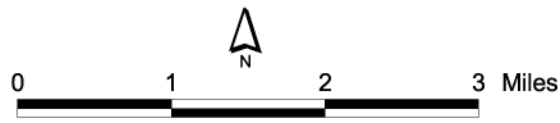
OFFICE OF PLANNING



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 1.13-- RESIDENT POPULATION FOR OAHU NEIGHBORHOODS:
1990 AND 2000**

Neighborhood Board 1/ (see maps)	1990	2000	Percent change
Oahu total	836,231	876,165	4.8
1 Hawaii Kai	27,432	27,657	0.8
2 Kuliouou-Kalani Iki	15,195	18,271	20.2
3 Waialae-Kahala	9,696	7,118	-26.6
4 Kaimuki	18,351	18,063	-1.6
5 Diamond Head/Kapahulu/ St. Louis Heights	20,945	19,137	-8.6
6 Palolo	13,044	13,091	0.4
7 Manoa	21,496	21,184	-1.5
8 McCully/Moiliili	28,466	26,122	-8.2
9 Waikiki	19,768	19,720	-0.2
10 Makiki/Lower Punchbowl/ Tantalus	29,416	30,145	2.5
11 Ala Moana/Kakaako	10,978	14,186	29.2
12 Nuuanu/Punchbowl	16,254	16,494	1.5
13 Downtown	11,601	14,575	25.6
14 Liliha/Kapalama	21,221	19,905	-6.2
15 Kalihi-Palama	40,147	37,987	-5.4
16 Kalihi Valley	17,798	17,937	0.8
17 Moanalua	12,256	11,748	-4.1
18 Aliamanu/Salt Lake/ Foster Village	37,498	36,572	-2.5
19 Airport	26,762	18,163	-32.1
20 Aiea	32,553	31,221	-4.1
21 Pearl City	46,928	47,794	1.8
22 Waipahu	51,174	62,402	21.9
23 Ewa	26,898	53,099	97.4
24 Waianae Coast	37,581	42,333	12.6
25 Mililani/Waipio/Melemanu	34,668	34,592	-0.2
26 Wahiawa	44,540	39,553	-11.2
27 North Shore	15,729	18,380	16.9
28 Koolauloa	14,263	14,546	2.0
29 Kahaluu	14,475	14,732	1.8
30 Kaneohe	40,622	36,736	-9.6
31 Kailua	41,880	43,780	4.5
32 Waimanalo	9,055	10,919	20.6
33 Mokapu	11,662	11,827	1.4
34 Makakilo/Kapolei/ Honokai Hale	15,863	15,545	-2.0
35 Mililani Mauka-Launani Valley	16	10,622	66,287.5

Continued on next page.

**Table 1.13-- POPULATION OF OAHU NEIGHBORHOODS:
1990 AND 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. Neighborhood Board numbers are displayed next to the Neighborhood Board names.

Source: City and County of Honolulu Planning and Permitting Department, Planning Division, Community Profiles for Neighborhood Areas <<http://honoluludpp.org/planning/demographics/cp-toc.pdf>> accessed June 13, 2002.

**Table 1.14-- POPULATION CHARACTERISTICS OF OAHU
NEIGHBORHOODS: 2000**

Neighborhood Area (see maps) 1/	Resident population	Median age	House- holds	Average household size	Average family size
Oahu total	876,165	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	18,271	45.1	6,204	2.93	3.29
3 Waialae-Kahala	7,118	46.1	2,728	2.61	3.08
4 Kaimuki	18,063	45.4	6,362	2.78	3.34
5 Diamond Head/Kapahulu/ St. Louis Heights	19,137	42.7	7,698	2.44	3.18
6 Palolo	13,091	41.7	4,373	2.97	3.53
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	30,145	41.0	14,998	1.97	2.84
11 Ala Moana/Kakaako	14,186	42.9	7,797	1.78	2.65
12 Nuuanu/Punchbowl	16,494	43.5	6,180	2.63	3.32
13 Downtown	14,575	40.9	6,818	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	11,748	36.0	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	31,221	37.6	10,580	2.89	3.52
21 Pearl City	47,794	37.7	14,369	3.13	3.53
22 Waipahu	62,402	34.1	16,937	3.60	4.12
23 Ewa	53,099	30.8	14,324	3.68	4.08
24 Waianae Coast	42,333	28.5	10,554	3.97	4.47
25 Mililani/Waipio/Melemanu	34,592	35.4	11,038	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	14,732	36.4	4,476	3.29	3.66
30 Kaneohe	36,736	38.1	11,348	3.18	3.60
31 Kailua	43,780	39.6	14,628	2.96	3.44
32 Waimanalo	10,919	32.9	2,657	4.03	4.46
33 Mokapu	11,827	22.0	2,332	3.21	3.25
34 Makakilo/Kapolei/ Honokai Hale	15,545	32.7	4,589	3.38	3.77
35 Mililani Mauka-Launani Valley	10,622	32.8	3,852	2.76	3.23

Continued on next page.

**Table 1.14-- 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. Neighborhood Board numbers are displayed next to the Neighborhood Board names.

Source: City and County of Honolulu Planning and Permitting Department, Planning Division, Community Profiles for Neighborhood Areas <<http://honoluludpp.org/planning/demographics/cp-toc.pdf>> accessed June 13, 2002.

2000 CENSUS TRACTS ISLAND OF OAHU

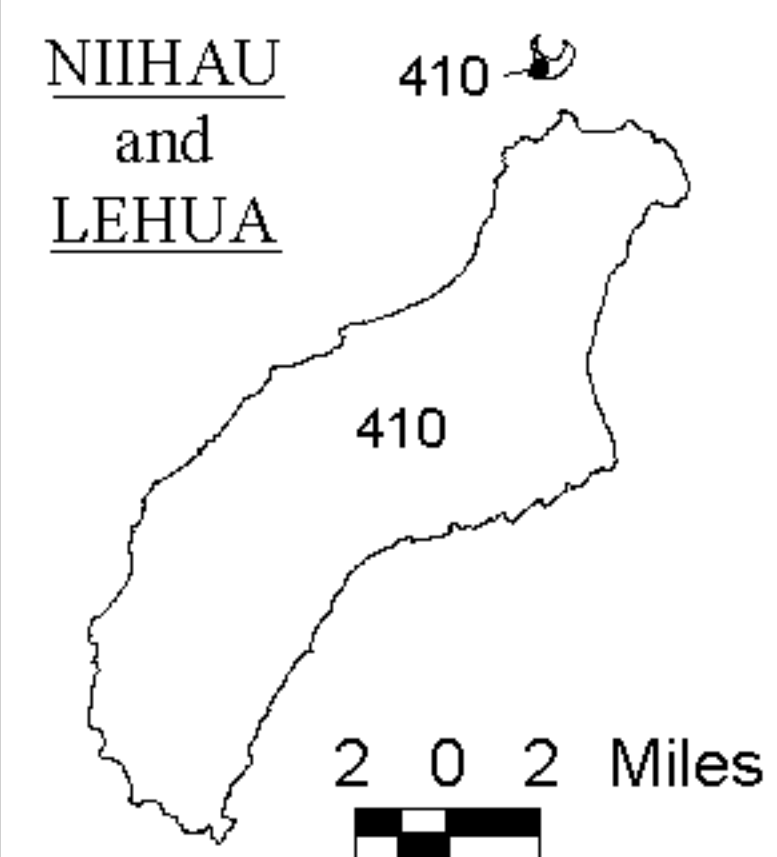
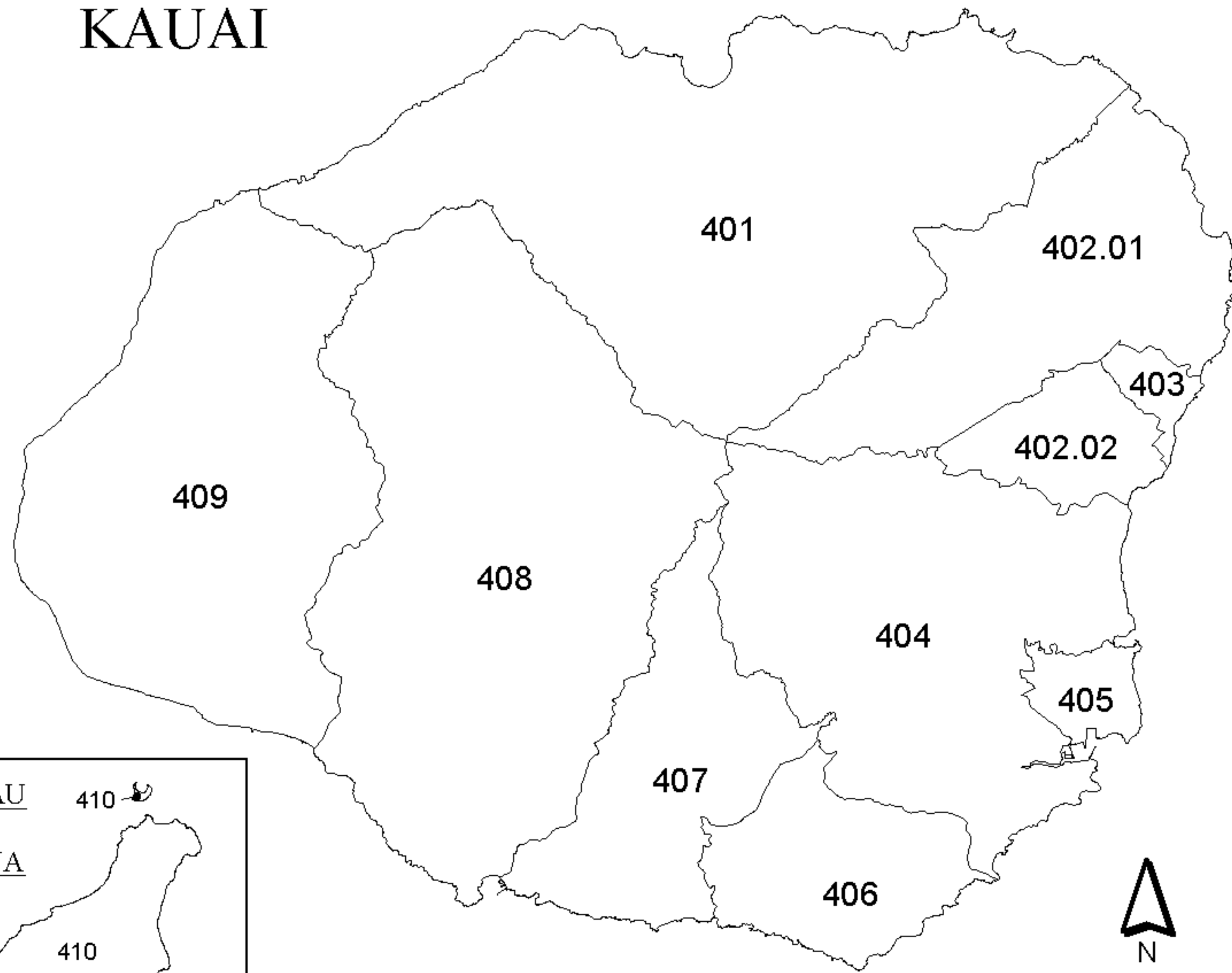


WAHIAWA - SCHOFIELD BARRACKS INSET

SEE
HONOLULU & VICINITY MAP

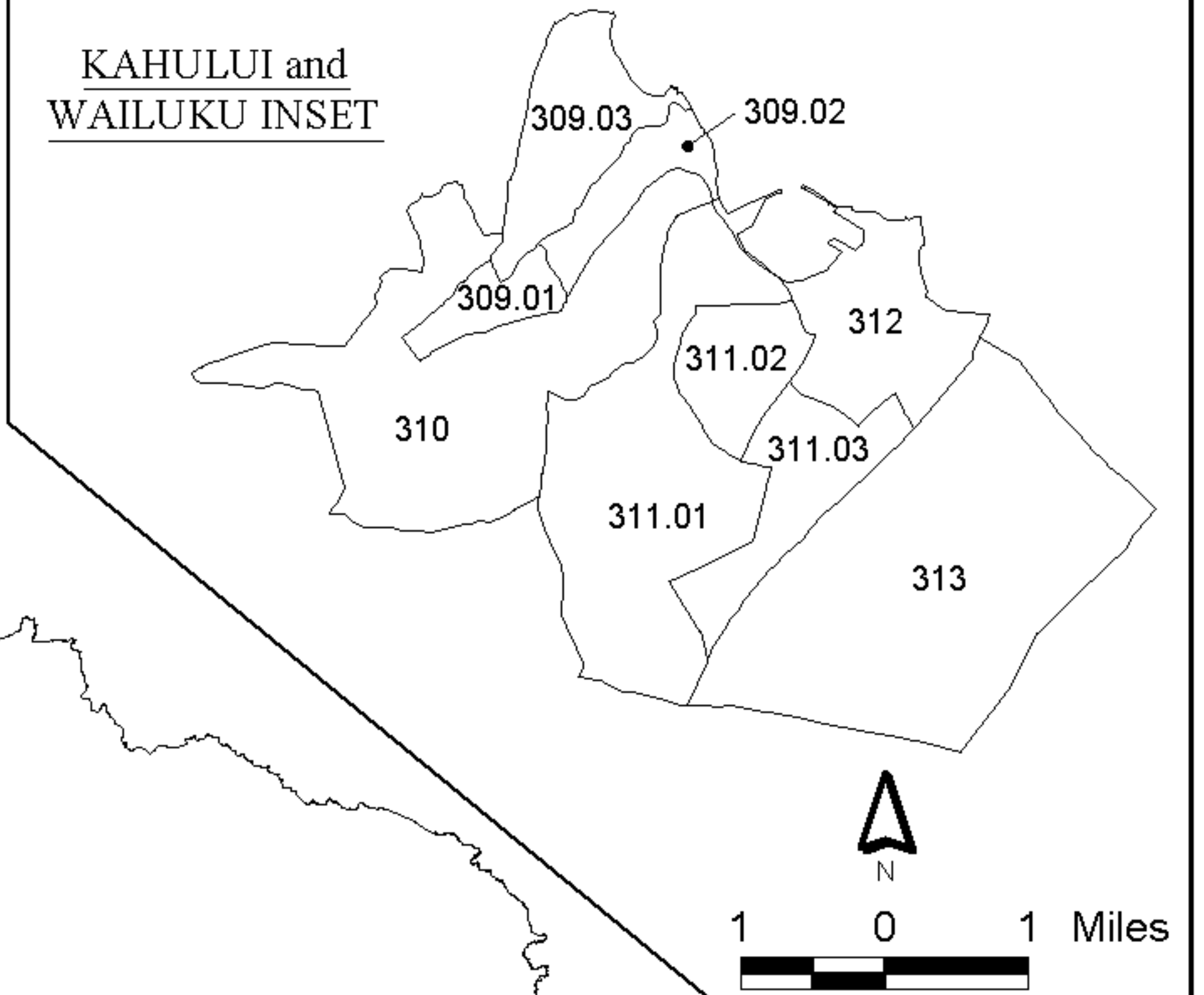
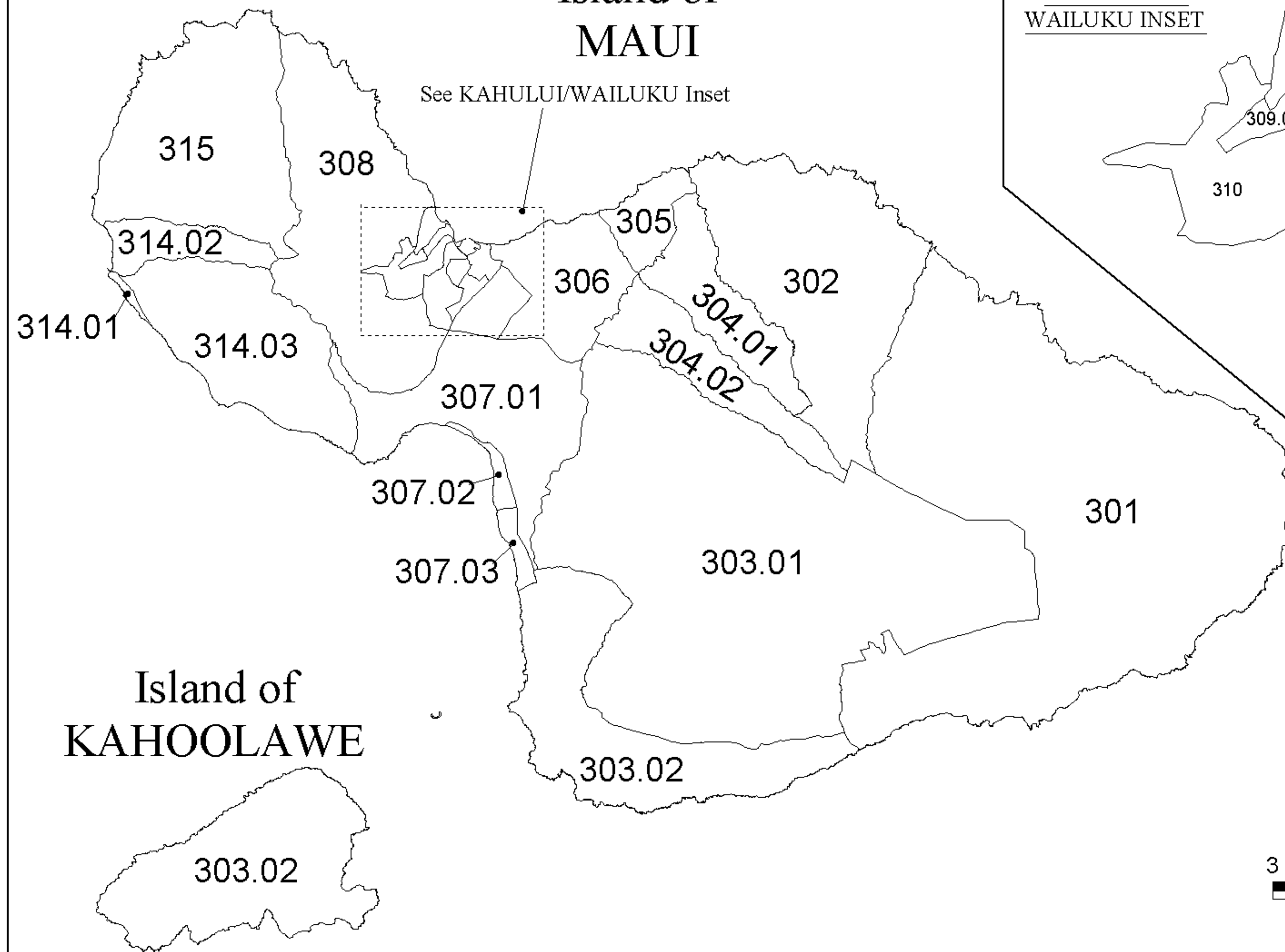
3 0 3 Miles

**Island of
KAUAI**

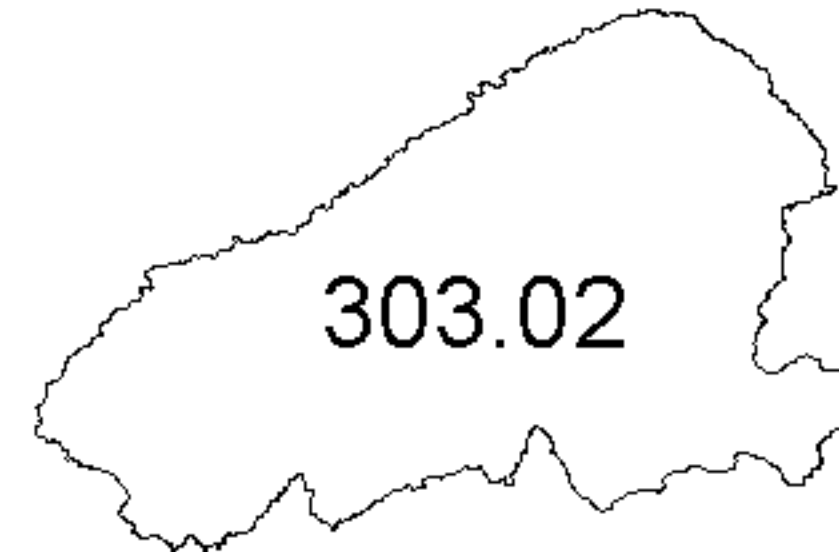


Note: Census Tract 411 includes the island of Kaula (not shown).

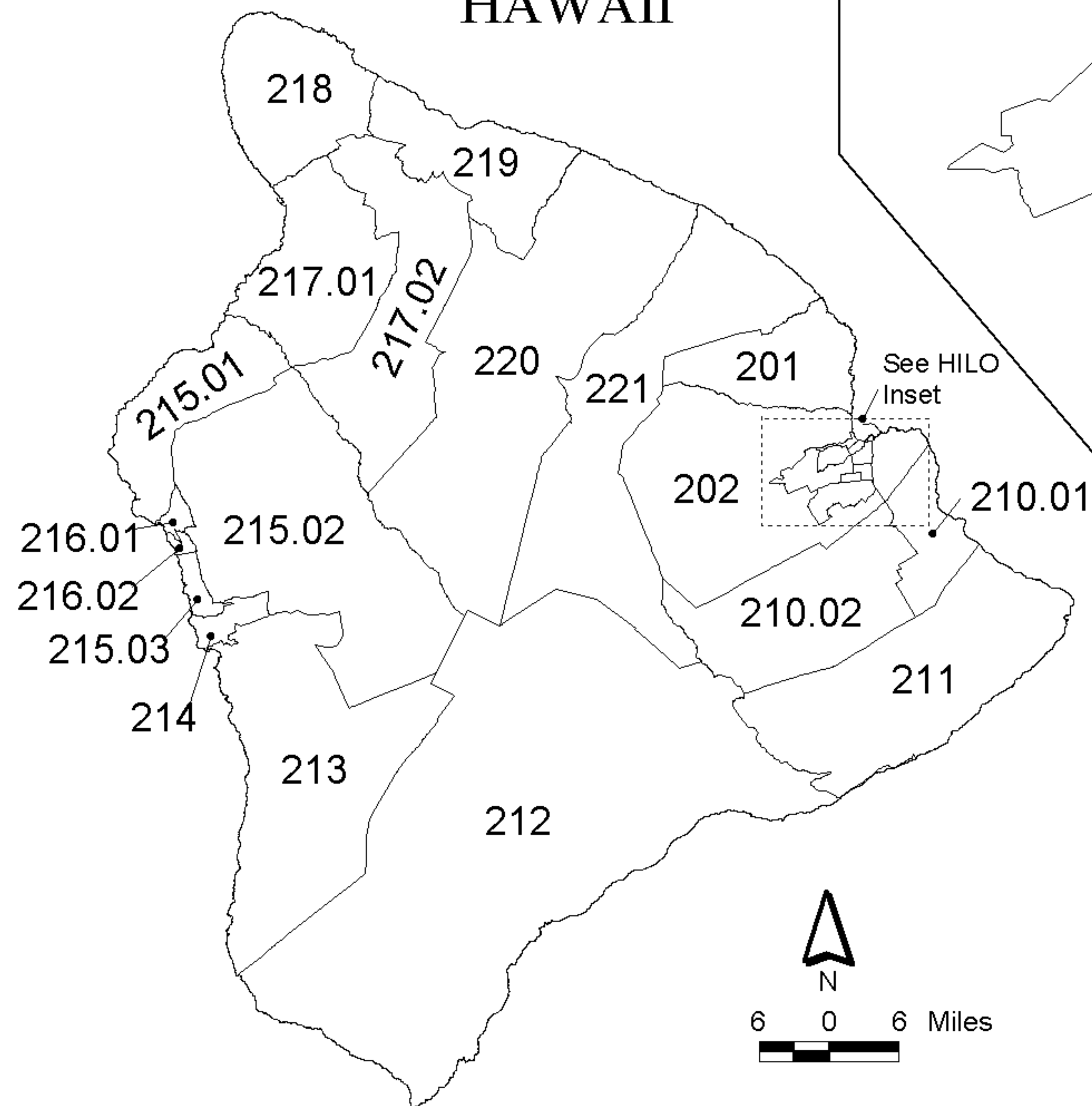
**Island of
MAUI**



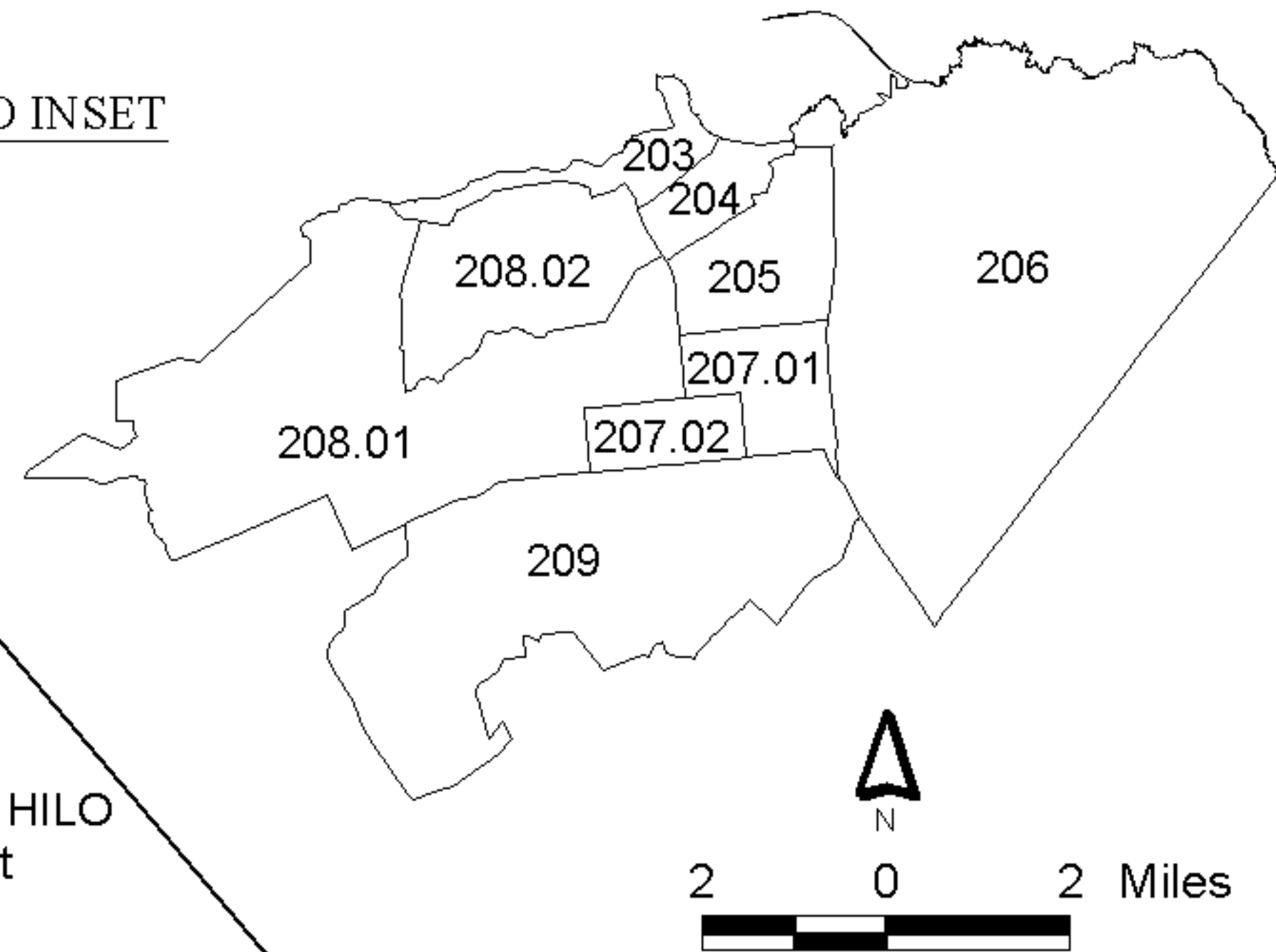
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KAHOOLAWE**



**Island of
HAWAII**

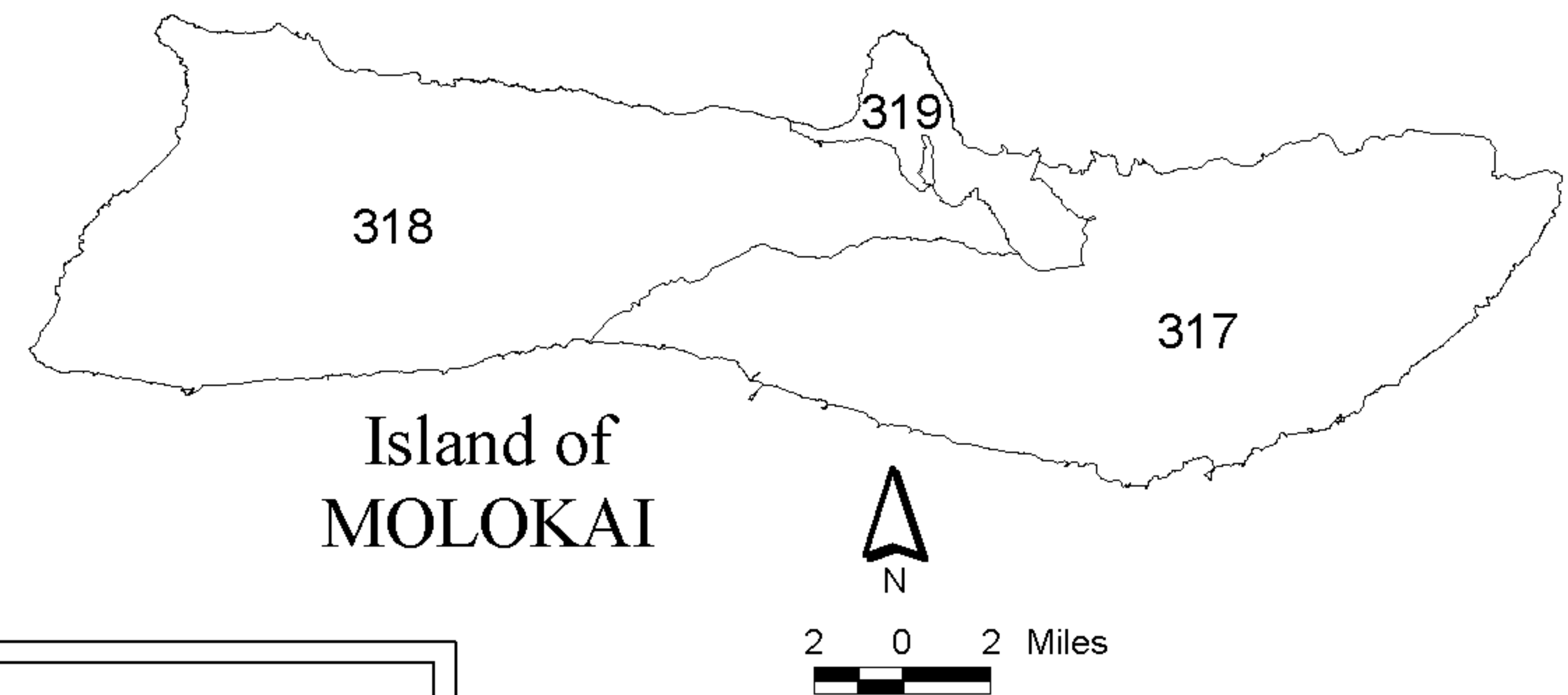


HILO INSET



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 1.15-- RESIDENT POPULATION FOR THE CITY AND COUNTY OF HONOLULU, BY DISTRICTS AND CENSUS TRACTS: 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/ 1.09 3/	Lunalilo Park Subdivision		2,171
		Kamiloiki-Kamehame			2,639
1.04	1.10 3/	Kalama Valley	8,376	3,732
		1.05	Koko Head		5,251	4,659
1.05	1.06	Hahaione	6,292	6,752
1.06	1.07	Kamilonui	3,009	3,017
1.07	1.08	Hawaii Kai Marina	2,830	3,050
1.08	2	Kuliouou	5,742	5,714
2	3.01 3/	Aina Haina-Hawaii Loa Ridge		3,181
		3.02 3/	Wailupe		5,617	2,960
3.98	4.01 3/	Kalani	2,771	2,681
4.97	4.02 3/	Waialae-Iki	3,372	3,825
4.98	5	Waialae-Kahala	3,744	3,661
5	6	Diamond Head	1,311	1,378
6	7	22nd Avenue	2,993	2,829
7	8	Ocean View	3,856	3,666
8	9.01	Waialae Nui	2,334	2,203
9.01	9.02	Maunalani Heights	3,779	3,851
9.02	9.03	Lower Wilhelmina Rise	2,760	2,907
9.03	10	Upper Palolo	3,194	3,083
10	11	Central Palolo	4,072	3,727
11	12.01	Keanu Street	3,118	3,837
12.01	12.02	Paalea Street	3,081	3,080
12.02	13	Kaimuki	4,488	4,073
13	14	Kapaolono Field	2,595	2,570
14	15	Upper Kapahulu	3,664	3,471
15	16	Lower Kapahulu	3,911	3,564
16	17	Kapiolani Park	2,536	2,045
17	18.01	Koa Avenue	1,307	1,246
18.01	18.02	Jefferson School	4,411	4,731
18.02	19.01	Waikiki Beach	1,190	753
19.01				

Continued on next page.

Table 1.15-- RESIDENT POPULATION FOR THE CITY AND COUNTY OF HONOLULU, BY DISTRICTS AND CENSUS TRACTS: 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	Moiiliili	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/	Sheridan Street	-	} 2,386
36.97			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 1.15-- RESIDENT POPULATION FOR THE CITY AND COUNTY OF HONOLULU, BY DISTRICTS AND CENSUS TRACTS: 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 1.15-- RESIDENT POPULATION FOR THE CITY AND COUNTY OF HONOLULU, BY DISTRICTS AND CENSUS TRACTS: 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	Waiiau 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	9136	} 3,873
	78.10 3/	Royal Summit		5,811
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 1.15-- RESIDENT POPULATION FOR THE CITY AND COUNTY OF HONOLULU, BY DISTRICTS AND CENSUS TRACTS: 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
	89.21 3/	Seaview-Crestview		2,568
89.11	89.22 3/	Waikele	11,893	6,895
	89.23 3/	Waipio Gentry		4,741

Continued on next page.

Table 1.15-- RESIDENT POPULATION FOR THE CITY AND COUNTY OF HONOLULU, BY DISTRICTS AND CENSUS TRACTS: 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	Menohar 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 1.15-- RESIDENT POPULATION FOR THE CITY AND COUNTY OF HONOLULU, BY DISTRICTS AND CENSUS TRACTS: 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 1.16-- RESIDENT POPULATION FOR HAWAII, KAUAI, KALAWAO,
AND MAUI COUNTIES, BY DISTRICTS AND CENSUS TRACTS:
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 Forest Reserve	1,871	1,805
203	203	Hilo: Puueo-Downtown	3,723	3,779
204	204	Hilo: Villa Franca-Kaiko'o	3,612	3,098
205	205	Hilo: University-Houselots	5,576	5,918
206	} 206 1/		3,902	} 4,909
206.99			-	
207.01	207.01	Hilo: Puainako	4,399	4,535
207.02	207.02	Hilo: Kawaihewa	4,693	4,782
208.01	208.01	Hilo: Kukuau-Kaumana	3,062	3,651
208.02	208.02	Hilo: Piihonua-Kaumana	5,081	5,745
209	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			3,089	

Continued on next page.

**Table 1.16-- RESIDENT POPULATION FOR HAWAII, KAUAI, KALAWAO,
AND MAUI COUNTIES, BY DISTRICTS AND CENSUS TRACTS:
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 1.16-- RESIDENT POPULATION FOR HAWAII, KAUAI, KALAWAO,
AND MAUI COUNTIES, BY DISTRICTS AND CENSUS TRACTS:
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 1.16-- RESIDENT POPULATION FOR HAWAII, KAUAI, KALAWAO,
AND MAUI COUNTIES, BY DISTRICTS AND CENSUS TRACTS:
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 1.17-- 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 (cont.):			
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	-	-	-	Kahoolawe	-	-	-
Lalamilo	-	-	-	Lanai	-	-	-
Makuu	59	14	38	Molokai	1,741	1,022	1,453
Nienie	60	11	14	Hoolehua-			
Olaa	18	-	4	Palaa	1,086	668	952
Panaewa	1,362	564	1,055	Kalamaula	232	108	186
Pauahi	10	-	4	Kalaupapa	122	55	56
Pihonua	7	-	-	Kamiloloa	56	16	40
Ponohawai	117	25	97	Kapaakea	204	162	198
Puna	-	-	-	Makakupia	35	13	16
Puukapu	629	273	451	Ualapue	6	-	5
Waiakea	15	4	9				
Waikoloa-							
Waialeale	8	-	-				
Wailau	2	-	-				

Continued on next page.

**Table 1.17-- 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	Waianae	1,759	787	1,523
Auwaiolimu- Kalawahine- Kalawahine- Kewalo- Papakolea	1,575	876	1,343	Waimanalo	3,028	1,590	2,544
Kapalama	-	-	-	Kauai	2,028	995	1,560
Kapolei	-	-	-	Anahola- Kamalomalo	1,735	871	1,336
Lualualei	1,826	773	1,485	Hanapepe	54	19	35
Moilili	-	-	-	Kapaa	4	-	-
Nanakuli	5,099	2,382	4,429	Kekaha	225	104	184
Shafter Flats	-	-	-	Molooa	-	-	-
				Wailua	10	1	5
				Waimea	-	-	-

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 1.18-- RESIDENT POPULATION BY ISLAND AND
ZIP CODE TABULATION AREAS: 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	Kealakekua	2,629	96757	Kualapuu	858
96755	Kapaau	2,973	96770	Maunaloa	630
96760	Kurtistown	2,070			
96764	Laupahoehoe	795	Oahu		
96771	Mountain View	4,410	96701	Aiea	41,423
96772	Naalehu	1,930	96706	Ewa Beach	43,874
96773	Ninole	182	96707	Kapolei	25,054
96774	Ookala	187	96712	Haleiwa	7,699
96776	Paauilo	1,396	96717	Hauula	5,063
96777	Pahala	1,466	96730	Kaawa	1,543
96778	Pahoa	10,653	96731	Kahuku	2,716
96780	Papaaloa	524	96734	Kailua	51,081
96781	Papaikou	1,573	96744	Kaneohe	54,415
96783	Pepeekeo	1,895	96759	Kunia	667
96785	Volcano	2,855	96762	Laie	4,883
Maui			96782	Pearl City	37,879
96708	Haiku	8,595	96786	Wahiawa	41,605
96713	Hana	1,612	96789	Mililani Town	45,093
96732	Kahului	19,390	96791	Waiialua	7,908

Continued on next page.

**Table 1.18-- RESIDENT POPULATION BY ISLAND AND
ZIP CODE TABULATION AREAS: 2000 -- Con.**

Zip code tabulation area 1/	Name 2/	Resident population	Zip code tabulation area 1/	Name 2/	Resident population
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	Waialae Kahala	48,839	96746	Kapaa	16,188
96817	Kapalama	52,044	96747	Kaumakani	607
96818	Navy Cantonment (P.O. Box)	54,856	96751	Kealia	209
96819	Kapalama	47,299	96752	Kekaha	2,930
96821	Waialae 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 1.19-- 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/ Temporarily absent 3/	13,124 176	17,384 174	19,768 327	19,720 (NA)	25,254.9 417.8	25,193.6 (NA)
De facto population 4/ Visitors present 3/	34,874 21,926	63,710 46,500	95,979 76,538	(NA) (NA)	122,619.6 97,782.4	(NA) (NA)
Employed persons: 5/ Living in Waikiki Working in Waikiki	7,866 (NA)	9,593 30,011	11,065 (NA)	9,898 (NA)	14,136.3 (NA)	12,645.4 (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: Visitors present and residents absent estimated by the Hawaii State Department of Business, Economic Development & Tourism from Hawaii Visitors Bureau survey data. Area, resident population, and employment from U.S. Bureau of the Census, census tract bulletins, 1970-1980, and 1990 Census tapes tabulated by the Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center; 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); and *Data Book 1987*, table 380.

**Table 1.20-- POPULATION AND LAND AREA, URBAN AND RURAL,
BY COUNTIES: 2000**

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

Subject	State total	Honolulu	Hawaii	Kauai	Maui 1/
Land area (square miles)	6,422.6	599.8	4,028.0	622.4	1,172.4
Urban	(NA)	(NA)	(NA)	(NA)	(NA)
Rural	(NA)	(NA)	(NA)	(NA)	(NA)
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

NA Not available.

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 1.21-- CENTERS OF POPULATION, BY COUNTIES: 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]

County	North latitude (degrees)	West longitude (degrees)	Approximate location
1990			
State of Hawaii	21.1756	157.5708	Kaiwi Channel
Hawaii County	19.6898	155.4060	20 mi. W of Hilo
Maui County 1/	20.8722	156.4547	0.6 mi. SW of Wailuku Post Office
Honolulu County	21.3748	157.8993	0.2 mi. NE of Red Hill Elementary School
Kauai County	22.0144	159.4509	4.4 mi. N of Knudsen Gap
2000			
State of Hawaii	21.146768	157.524450	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> 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 1.22-- 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 1.23-- POPULATION CHARACTERISTICS, BY
MILITARY STATUS: 1990**

Subject	All groups	Armed Forces	Military dependents	Other civilians
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	(Z)	54.9	24.8
18 to 64 years	63.5	100.0	44.3	62.7
65 years and over	11.3	(Z)	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 1/ (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	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 2/ (percent):				
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 1.23-- POPULATION CHARACTERISTICS, BY
MILITARY STATUS: 1990 -- Con.**

Subject	All groups	Armed Forces	Military dependents	Other civilians
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 3/ (percent)	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 4/ (percent):				
Families	6.0	2.7	0.7	6.4
Persons	8.3	2.4	4.2	8.7

X Not applicable.

Z Less than 0.05 percent.

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

2/ For persons 5 years and over in 1990.

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

4/ 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 1.24-- RESIDENT AND DE FACTO POPULATION
PROJECTIONS, BY COUNTIES: 2000 TO 2030**

[As of July 1. DBEDT 2030 Series]

Type of population and year	State total	City and County of Honolulu	Other counties			
			Total	Hawaii	Kauai	Maui 1/
Resident population 2/						
2000	1,212,670	875,881	336,789	149,261	58,560	128,968
2005	1,277,950	912,900	365,050	163,000	62,000	140,050
2010	1,346,600	952,650	393,950	176,750	65,900	151,300
2015	1,418,650	995,550	423,100	190,300	70,200	162,600
2020	1,489,550	1,037,250	452,250	203,050	74,750	174,450
2025	1,560,400	1,078,050	482,350	216,150	79,350	186,850
2030	1,630,450	1,117,300	513,150	229,700	83,900	199,550
Share of state resident population (percent):						
2000	100.0	72.2	27.8	12.3	4.8	10.6
2005	100.0	71.4	28.6	12.8	4.9	11.0
2010	100.0	70.7	29.3	13.1	4.9	11.2
2015	100.0	70.2	29.8	13.4	4.9	11.5
2020	100.0	69.6	30.4	13.6	5.0	11.7
2025	100.0	69.1	30.9	13.9	5.1	12.0
2030	100.0	68.5	31.5	14.1	5.1	12.2
De facto population 3/						
2000	1,335,156	925,444	409,712	166,446	74,726	168,540
2005	1,406,650	964,950	441,700	180,800	79,050	181,850
2010	1,490,500	1,011,600	478,900	196,500	84,850	197,550
2015	1,579,400	1,062,100	517,300	212,250	91,200	213,850
2020	1,663,450	1,109,500	553,950	226,800	97,450	229,700
2025	1,748,600	1,156,550	592,050	241,800	103,850	246,400
2030	1,834,200	1,202,600	631,600	257,700	110,400	263,500
Share of state de facto population (percent):						
2000	100.0	69.3	30.7	12.5	5.6	12.6
2005	100.0	68.6	31.4	12.9	5.6	12.9
2010	100.0	67.9	32.1	13.2	5.7	13.3
2015	100.0	67.2	32.8	13.4	5.8	13.5
2020	100.0	66.7	33.3	13.6	5.9	13.8
2025	100.0	66.1	33.9	13.8	5.9	14.1
2030	100.0	65.6	34.4	14.0	6.0	14.4

Continued on next page.

**Table 1.24-- RESIDENT AND DE FACTO POPULATION
PROJECTIONS, BY COUNTIES: 2000 TO 2030 -- Con.**

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/ 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.

Source: Hawaii State Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2030 (DBEDT 2030 Series)* (forthcoming).

Table 1.25-- PROJECTED RESIDENT POPULATION, BY AGE AND SEX: 2000, 2010, 2020 AND 2030

[As of July 1. DBEDT 2030 Series. Figures by age group may not add up to totals due to rounding]

Age group (in years)	2000			2010			2020			2030		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total	1,212,670	609,239	603,431	1,346,600	674,550	672,050	1,489,550	746,700	742,800	1,630,450	818,300	812,150
Under 5	78,447	40,229	38,217	88,950	45,550	43,400	96,750	49,550	47,200	103,950	53,250	50,700
5 to 9	85,175	43,817	41,358	88,400	45,300	43,100	97,250	49,850	47,400	104,100	53,350	50,750
10 to 14	83,179	42,753	40,426	82,900	42,450	40,400	95,250	48,750	46,550	103,450	52,950	50,550
15 to 19	81,074	42,250	38,824	88,600	46,250	42,350	93,400	48,500	44,850	102,500	53,200	49,300
20 to 24	83,972	46,128	37,844	89,350	49,350	40,000	87,250	48,200	39,050	99,300	54,300	45,000
25 to 29	84,353	44,224	40,129	88,050	46,100	41,950	98,150	51,350	46,750	103,250	53,800	49,450
30 to 34	87,400	44,515	42,884	97,850	49,950	47,850	105,350	54,300	51,050	104,150	53,600	50,600
35 to 39	96,131	48,862	47,269	93,050	47,900	45,200	100,900	51,850	49,050	111,550	57,400	54,100
40 to 44	95,248	47,800	47,447	88,300	44,300	44,000	98,450	49,650	48,850	106,200	54,100	52,100
45 to 49	90,306	45,053	45,253	89,550	44,400	45,100	87,500	44,000	43,500	95,400	48,000	47,400
50 to 54	80,442	40,440	40,002	93,050	46,200	46,900	86,950	43,150	43,800	97,100	48,450	48,650
55 to 59	60,436	29,824	30,611	89,800	44,400	45,400	90,650	44,600	46,050	89,100	44,450	44,700
60 to 64	46,297	22,228	24,069	78,900	38,950	39,950	91,950	44,900	47,000	86,750	42,450	44,300
65 to 69	42,743	19,442	23,301	55,900	26,950	28,950	83,200	40,250	42,900	84,550	40,850	43,700
70 to 74	42,313	18,860	23,453	39,900	18,400	21,550	68,350	32,600	35,750	80,350	38,100	42,250
75 to 79	35,298	15,968	19,330	34,300	14,650	19,650	45,550	20,900	24,650	68,500	31,850	36,650
80 to 84	22,335	9,595	12,739	30,050	12,350	17,700	28,800	12,500	16,300	49,950	22,750	27,200
85 & over	17,522	7,248	10,274	29,750	11,050	18,700	33,800	11,750	22,000	40,350	15,600	24,750
Median age	36.2	35.1	37.3	37.7	36.2	39.2	38.2	36.9	39.9	39.2	38.0	40.5

Source: Hawaii State Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2030 (DBEDT 2030 Series)* (forthcoming).

Table 1.26-- 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 1.27-- RESIDENT POPULATION, BY AGE AND SEX:
2000 AND 2002**

[Includes military personnel stationed or homeported in Hawaii and residents temporarily absent; excludes visitors present. The 2002 estimates are provisional]

Age group	April 1, 2000			July 1, 2002		
	Both sexes	Male	Female	Both sexes	Male	Female
Total	1,211,537	608,671	602,866	1,244,898	624,098	620,800
Under 5 years	78,163	40,110	38,053	83,507	42,830	40,677
5 to 9 years	84,980	43,739	41,241	79,610	40,845	38,765
10 to 14 years	83,106	42,740	40,366	83,999	43,220	40,779
15 to 19 years	81,002	42,200	38,802	85,271	44,987	40,284
20 to 24 years	83,409	45,709	37,700	86,172	47,186	38,986
25 to 29 years	84,000	44,016	39,984	81,211	42,721	38,490
30 to 34 years	87,159	44,391	42,768	87,106	44,504	42,602
35 to 39 years	95,935	48,760	47,175	92,895	46,764	46,131
40 to 44 years	95,242	47,817	47,425	96,502	48,343	48,159
45 to 49 years	90,404	45,130	45,274	93,494	46,276	47,218
50 to 54 years	80,575	40,523	40,052	87,109	43,582	43,527
55 to 59 years	60,561	29,905	30,656	70,141	34,707	35,434
60 to 64 years	46,400	22,293	24,107	50,971	24,747	26,224
65 to 69 years	42,847	19,503	23,344	42,163	19,420	22,743
70 to 74 years	42,415	18,919	23,496	41,493	17,950	23,543
75 to 79 years	35,386	16,020	19,366	37,348	16,799	20,549
80 to 84 years	22,389	9,626	12,763	25,553	10,872	14,681
85 and over	17,564	7,270	10,294	20,353	8,345	12,008
5 to 17	217,604	112,115	105,489	212,007	109,095	102,912
18 to 24	114,893	62,273	52,620	123,045	67,143	55,902
25 to 44	362,336	184,984	177,352	357,714	182,332	175,382
45 to 64	277,940	137,851	140,089	301,715	149,312	152,403
16 years and over	949,184	473,683	475,501	981,627	488,892	492,735
18 years and over	915,770	456,446	459,324	949,384	472,173	477,211
21 years and over	867,329	430,630	436,699	894,378	442,262	452,116
65 years and over	160,601	71,338	89,263	166,910	73,386	93,524
85 years and over	17,564	7,270	10,294	20,353	8,345	12,008
Median age	36.2	35.1	37.4	37.0	35.7	38.3
Mean age	37.0	36.1	38.0	37.5	36.5	38.6

Source: U.S. Census Bureau, Population Division, "Table 2. Hawaii Population Estimates by Age and Sex: April 1, 2000 to July 1, 2002" <<http://eire.census.gov/popest/data/states/tables/ST-EST2002-ASRO-02-15.xls>> and download dataset at <<http://eire.census.gov/popest/data/states/stasro.php?PHPSESSID=de6ce7fac03987d993f81d48371eccd7>> accessed September 18, 2003.

Table 1.28-- RESIDENT POPULATION, BY AGE AND SEX, BY COUNTIES: 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" series (May 18, 2001).

**Table 1.29-- RESIDENT POPULATION, BY AGE AND SEX,
BY COUNTIES: 2002**

[Includes military personnel stationed or homeported in Hawaii and residents temporarily absent; excludes visitors present. The 2002 estimates are provisional]

Age group	State total	City and County of Honolulu	Other counties		
			Hawaii	Kauai	Maui 1/
Total persons	1,244,898	896,019	154,794	59,946	134,139
Under 5	83,507	60,421	10,090	3,713	9,283
5 to 13	147,382	102,766	20,503	7,743	16,370
14 to 17	64,625	43,729	9,649	3,684	7,563
18 to 24	123,045	90,622	15,355	5,266	11,802
16 years and over	981,627	710,911	119,368	46,598	104,750
18 years and over	949,384	689,103	114,552	44,806	100,923
15 to 44	529,157	389,658	60,064	23,067	56,368
65 years and over	166,910	122,463	20,875	8,278	15,294
85 years and over	20,353	14,956	2,428	1,110	1,859
Under 18 years	295,514	206,916	40,242	15,140	33,216
18 to 64 years	782,474	566,640	93,677	36,528	85,629
65 years and over	166,910	122,463	20,875	8,278	15,294
Percent:					
Under 18 years	23.7	23.1	26.0	25.3	24.8
18 to 64 years	62.9	63.2	60.5	60.9	63.8
65 years and over	13.4	13.7	13.5	13.8	11.4

1/ Maui County includes Kalawao County.

Source: U.S. Census Bureau, Population Division, "Hawaii County Population Estimates by Selected Age Categories and Sex: July 1, 2002"

<<http://eire.census.gov/popest/data/counties/tables/CO-EST2002-ASRO-01-15.pdf>>
accessed September 18, 2003.

Table 1.30-- DIFFERENCE IN POPULATION BY MAJOR RACES: 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 1.31-- RACE AND HISPANIC ORIGIN, BY COUNTIES: 2000

Race and Hispanic origin	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County 1/
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 1.32-- 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 1.33-- 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	3/ 814,181	-53,787	-10.3	291,214	55.7
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

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 1.31 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 1.34-- 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	3/ 295,030	-52,118	-32.1	132,761	81.8
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
Samoan	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

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 1.31 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 1.35-- ETHNIC STOCK BY COUNTIES: 2003

[Excludes persons in institutions, military barracks, households without telephones, the homeless, and Ni ihau. Provisionally weighted data based upon a sample survey of 15,516 persons]

Ethnic stock 1/	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
All groups	1,222,281	873,707	154,527	59,949	134,098
Unmixed (except Hawaiian)	739,890	538,692	82,103	36,821	82,275
Caucasian	286,727	178,050	43,608	19,133	45,936
Black	11,587	11,021	(2/)	(2/)	(2/)
Japanese	203,963	159,767	23,350	7,028	13,817
Chinese	47,609	45,410	1,259	452	489
Filipino	162,542	119,237	12,704	9,915	20,686
Korean	10,236	9,000	(2/)	(2/)	639
Samoaan/Tongan	17,226	16,206	359	146	515
Mixed (except Hawaiian) 3/	223,901	165,051	27,772	9,596	21,482
Hawaiian/part Hawaiian	258,490	169,964	44,652	13,532	30,341

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/ Number of cases in sample numerator was less than 5 and/or denominator was less than 50. There were too few cases to be reliable so the data was not presented.

3/ Includes other ethnicities not listed, don't know, refused or missing (57,394). The figure shown is the weighted figure. Tables in the *State of Hawaii Data Book 2001* and earlier showed the unweighted figure in the footnote.

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

**Table 1.36-- 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 1.37-- 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 1.38-- HISPANIC ORIGIN BY RACE: 1990

[Data based on sample data and thus somewhat different from corresponding figures, elsewhere in this section, which are based on the 100-percent data or larger sample sizes.]

Race	Total	Hispanic origin	Not of Hispanic origin
All races	1,104,668	74,918	1,029,750
White	368,911	21,525	347,386
Black	27,116	1,278	25,838
American Indian	4,731	935	3,796
Eskimo	323	-	323
Aleut	174	-	174
Chinese	67,152	1,552	65,600
Filipino	165,730	16,954	148,776
Japanese	252,722	2,039	250,683
Korean	24,576	270	24,306
Vietnamese	5,582	-	5,582
Other Asian	8,954	304	8,650
Hawaiian	136,135	12,327	123,808
Other Polynesian	17,512	463	17,049
Micronesian	5,211	1,083	4,128
Melanesian	326	-	326
Other Pacific Islander	298	45	253
All other	19,215	16,143	3,072

Source: U.S. Bureau of the Census, *1990 Public Use Microdata Sample, Hawaii*.

Table 1.39-- 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 1.40-- 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 1.41-- LANGUAGE SPOKEN AT HOME BY PERSONS FIVE YEARS OLD AND OVER, BY ABILITY TO SPEAK ENGLISH, BY COUNTIES: 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 1.42-- 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 1.43-- 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; *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, 1996 (includes revised census housing and population counts)*, ST-96-24R (August 21, 1997) <<http://www.census.gov/population/estimates/housing/hsehld96.txt>>; U.S. Census Bureau, *Census 2000 Summary File 1 Hawaii* (July 25, 2001).

**Table 1.44-- 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/sthuhh6.txt>>; U.S. Census Bureau, Summary File 1 Hawaii (July 25, 2001).

**Table 1.45-- HOUSEHOLDS, POPULATION IN HOUSEHOLDS, AND
POPULATION PER HOUSEHOLD, BY ISLANDS: 1990 AND 2000**

Island	Households		Population in households		Population per household	
	1990 1/	2000	1990 1/	2000	1990	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 1.46-- POPULATION IN GROUP QUARTERS, BY TYPE OF
GROUP QUARTERS, BY COUNTIES: 2000**

Type of group quarters	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 1.47 -- 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 1.48-- 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 1.49--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 1.50-- CHURCH MEMBERSHIP, FOR SELECTED DENOMINATIONS:
1982 TO 2002**

Denomination	1982	1990	1999	2000	2002
Buddhist:					
Honpa Hongwanji	21,500	1/ 10,308	(NA)	(NA)	(NA)
All Buddhist sects	(NA)	(NA)	100,000	(NA)	(NA)
Christian: 2/	(NA)	391,000	(NA)	431,000	(NA)
Assembly of God	7,000	13,005	11,000	(NA)	(NA)
Church of Jesus Christ of Latter-day Saints	31,027	38,303	56,000	(NA)	(NA)
Episcopal	10,541	10,396	10,000	(NA)	(NA)
Lutheran	4,604	3,944	6,000	(NA)	(NA)
International Church of the Foursquare Gospel	(NA)	4,726	(NA)	(NA)	(NA)
Roman Catholic	209,000	232,780	215,000	(NA)	(NA)
Seventh-Day Adventists	4,147	5,931	(NA)	(NA)	(NA)
Southern Baptist Convention	11,340	20,331	17,000	(NA)	(NA)
United Church of Christ	17,485	22,852	19,000	(NA)	(NA)
United Methodist	6,242	8,348	7,000	(NA)	(NA)
Jewish:					
Total Jewish population	4/ 6,000	7,000	7,000	7,000	7,000

NA Not available.

1/ 1987 data.

2/ Total Christian church adherents which includes full members, their children and the estimated number of other regular participants who are not considered as communicant, confirmed or full members was estimated at 391,000 for 1990 and 431,000 for 2000 according to the *Statistical Abstract of the United States*. The *Statistical Abstract*, however, did not have data for detailed categories. Detailed category data for 1990 in this table was obtained from another source.

3/ 1983 data.

Source: Geography Department, University of Hawaii, *Atlas of Hawaii*, 2nd ed. (1983), p. 133; *The Honolulu Advertiser*, August 20, 1998 (p. A-8), April 30, 1994 (p. B-4), and Nov. 29, 1999 (p. 3); U.S. Census Bureau, *Statistical Abstract of the United States: 1985*, p. 52, *Statistical Abstract of the United States: 1992*, p. 60, *Statistical Abstract of the United States: 2001*, p. 56, *Statistical Abstract of the United States: 2002*, p. 56, and *Statistical Abstract of the United States: 2003*, p. 68.

**Table 1.51-- COMPONENTS OF CHANGE IN THE RESIDENT POPULATION,
BY MILITARY STATUS: 1990 TO 2000 AND 2000 TO 2002**

Period and component	All groups	Armed forces	Civilian population			
			Military dependents	Not military dependents		
				Number	Annual average	Percent distrib.
1990 TO 2000 1/						
Net change	103,308	-16,186	-17,402	136,896	13,690	100.0
Natural increase	113,111	-1,466	32,562	82,015	8,202	59.9
Live births	187,256	-	33,328	153,928	15,393	(NA)
Deaths	74,145	1,466	766	71,913	7,191	(NA)
Net mil. separations 2/	} -9,803	-14,720	-49,964	54,881	5,488	40.1
Net migration 3/						
2000 TO 2002 4/						
Net change	33,361	4,582	5,954	22,825	10,144	100.0
Natural increase	20,056	-403	6,085	14,374	6,388	63.0
Live births	38,734	-	6,241	32,493	14,441	(NA)
Deaths	18,678	403	156	18,119	8,053	(NA)
Net mil. separations 2/	} 13,305	4,985	-131	8,451	3,756	37.0
Net migration 3/						

NA Not available.

1/ April 1, 1990 to March 31, 2000.

2/ Separations less inductions for armed forces.

3/ Includes error of closure.

4/ April 1, 2000 to June 30, 2002.

Source: Estimated by the Hawaii State Department of Business, Economic Development, & Tourism using data from the U.S. Census Bureau's decennial censuses and the Federal-State Cooperative Program for Population Estimates, DBEDT surveys of military population, and special tabulations by the Hawaii State Department of Health.

**Table 1.52-- COMPONENTS OF CHANGE IN THE RESIDENT POPULATION,
BY COUNTIES: 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]

Component	State total	Honolulu	Hawaii	Kauai	Maui 1/
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; figures compiled and calculations by the Hawaii State Department of Business, Economic Development & Tourism, Hawaii State Data Center.

**Table 1.53-- COMPONENTS OF CHANGE IN THE RESIDENT POPULATION,
BY COUNTIES: 2000 TO 2003**

Component	State total	Honolulu	Hawaii	Kauai	Maui 1/
Resident population:					
April 1, 2000 (census)	1,211,537	876,156	148,677	58,463	128,241
July 1, 2003 (estimate)	1,257,608	902,704	158,423	60,747	135,734
Net change	46,071	26,548	9,746	2,284	7,493
Resident births	59,044	43,246	7,046	2,690	6,062
Resident deaths	29,180	20,749	4,030	1,514	2,887
Foreign migrants (net) 2/	19,338	15,113	1,678	513	2,034
Internal migrants (net) 3/	-2,541	-10,544	5,017	647	2,339

1/ Maui County including Kalawao County.

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

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

Source: U.S. Census Bureau, Population Division "Cumulative Estimates of Population Change for Counties of Hawaii and County Rankings: April 1, 2000 to July 1, 2003" (CO-EST2003-02-15) <<http://eire.census.gov/popest/data/counties/tables/CO-EST2003-02-15.xls>> accessed April 9, 2004 and "Cumulative Estimates of the Components of Population Change for Counties of Hawaii: April 1, 2000 to July 1, 2003" (CO-EST2003-04-15) <<http://eire.census.gov/popest/data/counties/tables/CO-EST2003-04-15.xls>> accessed April 9, 2004.

**Table 1.54-- INTENDED RESIDENTS ARRIVING IN HAWAII, DOMESTIC
AND INTERNATIONAL: 1992 TO 2002**

Year	Total	Domestic	International
1992	46,070	41,790	4,280
1993	42,050	39,810	2,240
1994	41,070	36,020	5,050
1995	41,320	36,110	5,210
1996	36,249	32,349	3,900
1997	36,600	33,020	3,580
1998	35,050	28,550	6,500
1999	34,022	27,841	6,181
2000	39,138	31,710	7,428
2001	(NA)	31,938	(NA)
2002	(NA)	44,016	(NA)

NA Not available.

Source: Hawaii State Department of Business, Economic Development & Tourism, Tourism Research Branch, records.

**Table 1.55-- IMMIGRANTS ADMITTED, BY COUNTRY OF BIRTH:
1998 TO 2002**

[Fiscal year ending September 30. Data refer to immigrants admitted to the United States, reporting Hawaii as their State of intended permanent residence, and include non-immigrant arrivals who changed their status after entry]

Country of birth	1998	1999	2000	2001	2002
All countries	5,465	4,299	6,056	6,313	5,503
Canada	49	58	106	120	120
Hong Kong	(NA)	(NA)	(NA)	(NA)	106
Japan	(NA)	(NA)	(NA)	585	480
Korea	286	186	305	286	263
Mexico	75	70	62	116	67
People's Republic of China	482	368	551	530	538
Philippines	3,140	2,472	3,053	3,341	2,800
Taiwan	48	43	72	65	73
Vietnam	101	148	196	228	210
Other countries	1,284	954	1,711	1,042	846

NA Not available.

Source: U.S. Department of Homeland Security, Office of Immigration Statistics, Supplemental Tables
<<http://uscis.gov/graphics/shared/aboutus/statistics/SupplementalTables.htm>> accessed
January 27, 2004.

Table 1.56-- PERSONS NATURALIZED, BY COUNTRY OF FORMER ALLEGIANCE: 1997 TO 2002

[Fiscal year ending September 30]

Year	All countries	China and Taiwan	Korea	Philippines	United Kingdom	Vietnam	Other countries
1997	3,994	328	390	1,941	154	362	819
1998	4,493	(1/)	362	2,083	33	419	2/ 1,297
1999	3,600	448	332	1,542	(NA)	304	3/ 974
2000	4,372	507	431	1,813	3	346	4/ 1,272
2001	2,885	269	296	1,280	(NA)	161	5/ 879
2002	2,884	299	309	1,265	22	124	6/ 865

NA Not available.

1/ People's Republic of China figure was 299. Taiwan figures were not available.

2/ Mexico, 91; Laos, 78; others, 1,128.

3/ Mexico, 74; others, 900.

4/ Mexico, 99; others, 1,173.

5/ Mexico, 49; others, 830.

6/ Japan, 121; Mexico, 77; others, 667.

Source: U.S. Department of Homeland Security, Office of Immigration Statistics, Supplemental Tables

<<http://uscis.gov/graphics/shared/aboutus/statistics/SupplementalTables.htm>> accessed

January 27, 2004; U.S. Immigration and Naturalization Service, Office of Policy and Planning,

2001 Statistical Yearbook of the Immigration and Naturalization Service

<<http://uscis.gov/graphics/shared/aboutus/statistics/NATZ01yrbk/NATZ2001list.htm>> accessed

January 27, 2004.

Table 1.57-- DOMESTIC IMMIGRATION: 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 1.58-- 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.

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. Long-term trends are traced in *Historical Statistics of Hawaii*, Section 2. Sections 2 and 3 of the *Statistical Abstract of the United States: 2003* contain data for the nation as a whole.

Table 2.01-- BIRTHS AND DEATHS: 1980 TO 2002

[Place of occurrence basis]

Calendar 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/
1980	18,129	4,903	18.7	5.1	175.6	15.3	10.8
1981	18,174	4,927	18.6	5.0	181.8	13.1	10.5
1982	18,675	5,123	18.8	5.2	186.3	12.7	8.9
1983	19,090	5,409	18.8	5.3	197.8	11.4	10.0
1984	18,667	5,571	18.2	5.4	191.8	9.5	10.9
1985	18,267	5,751	17.6	5.5	201.3	9.7	9.1
1986	18,253	5,788	17.4	5.5	203.9	11.0	9.2
1987	18,555	6,149	17.4	5.8	213.7	9.2	8.8
1988	18,937	5,970	17.5	5.5	223.3	10.8	7.4
1989	19,335	6,381	17.7	5.8	239.0	9.9	8.4
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	14.4	6.7	322.7	5/ 9.5	5/ 7.8
2001	17,043	8,252	13.9	6.7	330.7	11.4	6.2
2002	17,444	8,650	14.1	7.0	337.2	10.2	7.0

1/ Based on July 1 estimates by the U.S. Census Bureau, as revised through Dec. 18, 2003. 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.

5/ Revised from previous *Data Book*.

Source: Hawaii State Department of Health, *Statistical Report* (annual), and Office of Health Status Monitoring, records; rates per 1,000 resident population calculated by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.02-- BIRTHS AND DEATHS, BY MILITARY STATUS: 1998 TO 2002

[Place of occurrence basis]

Subject	All groups	Armed forces	Civilians 1/			Armed forces and dependents
			All civilians	Military dependents	Other civilians	
Live births:						
1998	17,628	-	17,628	3,011	14,617	3,011
1999	17,102	-	17,102	2,756	14,346	2,756
2000	17,638	-	17,638	2,779	14,859	2,779
2001	17,129	-	17,129	2,800	14,329	2,800
2002	17,514	-	17,514	2,886	14,628	2,886
Deaths:						
1998	8,297	2/ 45	8,252	84	8,168	129
1999	8,445	2/ 31	8,414	62	8,352	93
2000	8,511	2/ 45	8,466	45	8,421	90
2001	8,609	2/ 47	8,562	53	8,509	100
2002	8,986	33	8,953	51	8,902	84
Birth rates: 3/						
1998	13.2	0	13.7	50.2	11.9	28.7
1999	12.8	0	13.2	62.7	11.5	32.3
2000	13.2	0	13.6	61.7	11.9	32.4
2001	12.8	0	13.2	52.9	11.5	29.4
2002	12.9	0	13.3	58.8	11.5	31.1
Death rates: 3/						
1998	6.2	1.0	6.4	1.4	6.6	1.2
1999	6.3	0.7	6.5	1.4	6.7	1.1
2000	6.4	1.1	6.5	1.0	6.7	1.0
2001	6.4	1.1	6.6	1.0	6.8	1.0
2002	6.6	0.8	6.8	1.0	7.0	0.9

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/ Revised from previous *Data Book*. Based on persons in the Armed Forces age 60 years and below. This may include Armed Forces personnel who retired before age 60. Information in previous *Data Books* included persons in the Armed Forces as well as persons retired from the Armed Forces.

3/ 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 20, 2002 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.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.03-- LIVE BIRTHS, STANDARD FETAL DEATHS, AND ELECTIVE ABORTIONS: 1997 TO 2002

[Place of residence basis]

Calendar year	Total deliveries		Live births	Standard fetal deaths	Elective abortions
	Number	Rates per 1,000 resident population 1/			
1997	22,680	18.7	17,326	854	4,500
1998	22,794	18.8	17,567	1,084	4,143
1999	22,266	18.4	17,032	903	4,331
2000	22,240	18.3	17,514	825	3,901
2001	21,764	17.8	17,043	759	3,962
2002	22,172	17.9	17,444	831	3,897

1/ Based on July 1 estimates by the U.S. Census Bureau, as revised through Dec. 18, 2003. Population estimates for 1997 through 1999 released April 19, 2002 were revisions based upon the April 1, 2000 figures.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records; rates calculated by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.04-- BIRTHS AND DEATHS, BY RESIDENCE: 1999 TO 2002

[Place of occurrence basis]

Event and year	Total	Resident	Nonresident	Not reported
Births:				
1999	17,102	17,032	70	-
2000	17,638	17,514	122	2
2001	17,129	17,043	84	2
2002	17,514	17,444	67	3
Deaths:				
1999	8,445	8,125	307	13
2000	8,511	8,163	340	8
2001	8,609	8,252	350	7
2002	8,986	8,650	330	6

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

Table 2.05-- CHARACTERISTICS OF RESIDENT BIRTHS: 2000 TO 2002

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

Subject	2000	2001	2002
Number of resident births	17,514	17,043	17,444
City and County of Honolulu	12,962	12,547	12,844
Percent on Oahu	74.0	73.6	73.6
Hawaii County	1,947	1,959	2,010
Kauai County	746	777	731
Maui County (incl. Kalawao)	1,859	1,760	1,859
Percent attended by M.D. or D.O. in hospital	96.0	95.5	94.9
Males per 100 females	108.7	102.9	110.9
Median weight of single births (grams)	3,315	3,295	3,290
Percent low birth weight (under 2,500 grams)	7.5	8.1	8.3
Percent single births under 40 weeks gestation	60.0	64.4	66.3
Percent plural	2.2	2.7	3.0
Percent with 1 or more congenital malformations	4.8	5.0	5.1
Percent to unmarried mothers	32.3	33.1	33.7
Percent with prenatal visit in first three months	83.4	82.1	82.0
Percent first child born to mother 1/	30.7	30.7	30.8
Percent first child born alive to mother	41.4	41.8	41.1
Median age of mothers (years)	28	27	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: 2001

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

Type of rate	United States	Hawaii	Rank 1/
Births per 1,000 estimated population	14.5	14.5	2/ 18
Fertility rate 3/	66.9	71.4	9

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

2/ Tied with one state.

3/ Births per 1,000 women aged 15 to 44.

Source: U.S. National Center for Health Statistics, as cited in *Statistical Abstract of the United States: 2003*, p. 74 <<http://www.census.gov/prod/2004pubs/03statab/vitstat.pdf>> accessed February 20, 2004.

**Table 2.07-- RESIDENT BIRTHS, MIXED AND UNMIXED RACE,
BY MILITARY STATUS OF PARENTS: 2002**

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

Military status of parents	Total births	Unmixed	Mixed 1/	Not reported 2/	Percent mixed 3/
Total	17,444	6,864	9,577	1,003	58.3
Military	2,875	1,922	907	46	32.1
Civilian	13,013	4,941	8,056	16	62.0
Status not reported	1,556	1	614	941	99.8

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: 2002**

[A total of 7,808 first names, including variant spellings, was reported for the 17,514 babies born in Hawaii in 2002]

Rank	Boys' names		Girls' names	
	Name	Number	Name	Number
1	Joshua	121	Kayla	74
2	Ethan	92	Taylor	58
3	Noah	90	Madison	49
4	Matthew	79	Emma	48
5	Isaiah	78	Jasmine	46
6	Jacob	76	Emily (tie)	43
7	Tyler	71	Malia (tie)	43
8	Elijah	70	Kiana (tie)	42
9	Michael	66	Samantha (tie)	42
10	Christian	62	Alyssa (tie)	40
			Ashley (tie)	40

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

**Table 2.09-- MOST COMMON SURNAMES ON BIRTH AND DEATH
CERTIFICATES: 2002**

Rank	Birth certificates		Death certificates	
	Surname	Births	Surname	Deaths
1	Lee	88	Lee	76
2	Smith	65	Wong	43
3	Wong	52	Nakamura	39
4	Brown	48	Ching (tie)	31
5	Johnson	42	Chun (tie)	31
6	Fernandez (tie)	40	Chang	30
7	Nguyen (tie)	40	Young	29
8	Domingo	38	Higa	28
9	Kim	36	Kaneshiro	27
10	Jones (tie)	35	Watanabe	26
	Miller (tie)	35		

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]

Year	All races	Caucasian	Chinese	Filipino	Hawaiian and Part- Hawaiian	Japanese	Other
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 2000

[Average expectation of life in years]

Year	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	76.9	74.1	79.5	(NA)	(NA)	(NA)

NA Not available.

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

Source: U.S. Department of Health and Human Services, National Center for Health Statistics, "United States Life Tables, 2000", *National Vital Statistics Reports*, Vol. 51, No. 3, December 19, 2002, table 12 <http://www.cdc.gov/nchs/products/pubs/pubd/nvsr/51/51_03.htm> accessed August 15, 2003; Hawaii State Department of Health, Office of Health Status Monitoring, "Life Tables by Ethnic Group for 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.

Table 2.12-- 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 2.13-- SELECTED LIFE TABLE VALUES: 1989-91

Exact age in years (x)	Average expectation of life in years (e_x)			Number surviving to specified age per 100,000 born alive (l_x)		
	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 2.14-- CHARACTERISTICS OF RESIDENT DEATHS: 2000 TO 2002

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

Subject	2000	2001	2002
Number of resident deaths	8,163	8,252	8,650
City and County of Honolulu	5,737	5,882	6,116
Hawaii County	1,146	1,141	1,262
Kauai County	445	419	420
Maui County (incl. Kalawao)	835	810	852
Males per 100 females	127.7	122.1	122.3
Median age (years)	77	77	78
Centenarian deaths: Male	20	15	21
Female	52	68	61
Oldest (years): Male	106	104	108
Female	110	110	108
Percent married	44.8	43.5	42.6
Deaths under 1 year	133	100	119
Per 1,000 live births	7.6	5.9	6.8
Fetal deaths 1/	4,726	4,721	4,728
Per 1,000 deliveries	213	217	213
Fetal deaths, 20 or more weeks gestation 2/	3/ 158	194	174
Per 1,000 live births	3/ 9.0	11.4	10.0
Standard fetal deaths 4/	825	759	831
Elective abortions	3,901	3,962	3,897
Per 1,000 live births	222.7	232.5	223.4

1/ Includes elective abortions.

2/ Includes elective abortions if 20 weeks or more.

3/ Data changed from previous *Data Book* tables and are now based upon residence instead of place of occurrence.

4/ Excludes elective abortions.

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

Table 2.15-- CAUSE OF DEATH, BY SEX: 2002

[Place of residence basis. Method of coding "causes of death" changed to the International Classification of Diseases, Version 10]

Cause of death	Both sexes	Males	Females
Total deaths	8,650	4,759	3,891
Malignant Neoplasm:	1,910	1,069	841
of Stomach	98	45	53
of Colon, Rectum and Anus	228	128	100
of Pancreas	132	60	72
of Trachea, Bronchus and Lung	418	280	138
of the Female Breast	111	-	111
of Cervix Uteri, Corpus Uteri and Ovary	83	-	83
of Prostate	101	101	-
of Urinary Tract	65	37	28
Non-Hodgkin's Lymphoma	72	40	32
Leukemia	84	49	35
Other Malignant Neoplasms	518	329	189
Diabetes Mellitus	198	101	97
Alzheimer's Disease	137	41	96
Diseases of the Heart	2,473	1,433	1,040
Hypertensive Heart Disease	62	30	32
Ischemic Heart Disease	1,378	853	525
Other Forms of Heart Disease	1,033	550	483
Hypertension	88	36	52
Cerebrovascular Disease	809	386	423
Atherosclerosis	33	10	23
Other Circulatory System Diseases	90	51	39
Influenza/Pneumonia	241	128	113
Chronic Lower Respiratory Diseases	259	158	101
Peptic Ulcer	18	6	12
Chronic Liver Disease and Cirrhosis	76	51	25
Nephritis and Nephrosis	131	67	64
Perinatal Conditions	70	38	32
Congenital Anomalies	28	12	16
Symptoms and Ill-Defined Conditions	115	55	60
Other Diseases 1/	1,406	732	674
Motor Vehicle Accidents	111	75	36
All Other and Unspecified Accidents and Adverse Effects	267	168	99
Intentional Self-Harm (Suicide)	119	93	26
Assault (Homicide)	35	23	12
All Other External Causes	36	26	10

1/ Includes Tuberculosis, HIV Disease, Sudden Infant Death Syndrome, and Complications of Pregnancy, Childbirth and Puerperium.

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

**Table 2.16-- GREATEST CATASTROPHIC MORTALITY OF RECORD,
BY TYPE OF DISASTER: 1778 TO 2004**

[Complete through July 12, 2004]

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 2.17-- CATASTROPHIC MORTALITY: 1993 TO 2004

[Revised from previous *Data Book*. Includes all accidents, natural disasters, and other events causing five or more deaths. Complete through July 12, 2004]

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

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

**Table 2.18-- DEATHS BY METHOD OF DISPOSITION:
1970 TO 2002**

[Place of occurrence basis]

Method	1970	1980	1990	2000	2001	2002
All methods	4,197	5,204	7,055	8,511	8,609	8,986
Burial	2,197	2,343	2,798	2,767	2,689	2,770
Cremation	1,509	2,241	3,564	5,092	5,241	5,505
Removal	470	567	656	591	608	641
Entombment	13	44	35	19	18	21
Medical science	3	-	-	40	50	46
Other	-	1	-	-	-	-
Unknown	5	8	2	2	3	3

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

**Table 2.19-- PERSONS ON THE STATE BLIND REGISTER, BY
COUNTIES: 1999 TO 2003**

Date	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
1999: June 30	2,623	1,977	297	118	231
2000: June 30	2,691	2,029	311	116	235
2001: June 30	2,674	2,029	302	112	231
2002: June 30 1/	2,896	2,176	347	119	254
2003: June 30	2,887	2,196	325	123	243

1/ Figures for June 30, 2002 reflect administrative efforts to review the database. Therefore, differences between 2001 and 2002 are mainly due to these administrative efforts to register previously served but unregistered persons.

Source: Hawaii State Department of Human Services, Services for the Blind Branch, records.

Table 2.20-- SELECTED CHRONIC CONDITIONS: 2001 AND 2002

[Provisional data. Excludes persons in institutions, military barracks, households without telephones, the homeless, and Ni ihau. Weighted data based upon a sample survey of 16,938 persons in 2001 and 15,516 persons in 2002]

Selected chronic conditions	Prevalence of condition		Conditions per 1,000 persons 1/	
	2001	2002	2001	2002
Diabetes	58,088	58,688	49	49
Hypertension	154,448	163,458	131	136
High blood cholesterol	159,728	164,487	136	137
Asthma	105,838	102,487	90	85
Arthritis	80,904	92,292	69	77

1/ 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 2.21-- SPECIFIED COMMUNICABLE DISEASES: 1998 TO 2002

[2002 data reported as of December 2003; earlier data not updated]

Disease	1998	1999	2000	2001	2002
Cases: 1/					
AIDS	163	103	108	133	134
Campylobacteriosis	622	884	834	755	890
E. coli 0157:H7	19	15	14	22	37
Fish poisoning 2/	111	84	92	126	120
Giardiasis	123	117	105	118	91
Gonorrhea	469	463	446	605	747
Hansen's Disease 3/	19	22	15	24	11
Hepatitis A	54	24	22	17	25
Hepatitis B (Acute)	18	16	15	22	12
Influenza 4/	1,290	985	503	980	708
Leptospirosis 5/	46	52	23	21	36
Malaria 6/	9	12	10	13	9
Measles (Rubeola) 6/	1	3	6	8	4
Meningitis, bacterial	5	10	8	13	9
Mumps 7/	26	16	23	42	21
Pertussis (whooping cough) 4/	26	51	41	42	30
Pneumococcal disease	81	61	160	120	128
Rubella 6/	2	-	-	3	-
Salmonellosis	295	338	237	356	268
Shigellosis	51	35	38	59	72
Syphilis (Primary & Secondary)	1	3	2	12	11
Tuberculosis	181	184	136	151	148
Deaths: 8/					
AIDS	23	28	27	25	25
Hepatitis A	-	<5	<5	-	-
Hepatitis B (Acute)	7	7	7	5	<5
Influenza	10	6	<5	-	<5
Meningitis, bacterial	<5	-	-	-	<5
Pneumococcal disease	<5	<5	<5	<5	<5
Salmonellosis	-	<5	<5	-	-
Shigellosis	<5	-	-	-	<5
Tuberculosis	<5	<5	<5	6	<5

Continued on next page.

Table 2.21--SPECIFIED COMMUNICABLE DISEASES: 1998 TO 2002 -- 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, Hansen's disease, leptospirosis, malaria, measles (rubeola), mumps, pertussis, rubella, or syphilis. No data were available for deaths caused by *E. coli* 0157:H7.

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

Table 2.22-- HEALTH RISK BEHAVIORS AND CONDITIONS FOR PERSONS 18 YEARS AND OLDER: 1999 TO 2002

[Weighted percent of adults who reported the health risk behaviors or conditions]

Risk factor 1/	1999	2000	2001	2002
Seatbelt non-use	(NA)	(NA)	(NA)	0.8
Binge drinking 2/	14.0	(NA)	10.4	11.9
Drinking and driving	2.3	(NA)	(NA)	6.3
High cholesterol	27.6	(NA)	25.1	(NA)
Hypertension	22.7	(NA)	24.1	(NA)
Lack of exercise 3/	25.5	23.2	18.9	16.1
Poor nutrition 4/	(NA)	(NA)	78.4	79.6
Diabetes	5.2	5.2	7.2	7.2
Current smokers 5/	18.5	19.7	20.5	21.0
Overweight 6/	(NA)	50.2	51.4	53.1
Obese 7/	15.7	15.7	17.9	17.1

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, in the past month. Category name was "Acute drinking" for years prior to 2001.

3/ Physically inactive. No leisure-time physical activity reported during the past month. Category was changed from the one used to measure exercise in previous *Data Book* tables.

4/ Less than five fruits and vegetables a day.

5/ Listed as "cigarette smoking" in previous *Data Book* tables.

6/ Overweight or obese. Body mass index (BMI) greater than or equal to 25. Criteria used in this table differs from the criteria used in previous *Data Book* tables.

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

Source: Hawaii State Department of Health, Office of Health Status Monitoring, Behavioral Risk Factor Surveillance System (BRFSS) <<http://www.state.hi.us/doh/stats/surveys/brfss.html>> accessed July 21, 2003.

Table 2.23-- NUMBER AND BED CAPACITY OF STATE-APPROVED FACILITIES AND CARE HOMES, BY TYPE OF FACILITY: 1997 TO 2002

[Excludes Tripler Army Medical Center]

Category and year	Facilities				Care homes	
	Total 1/	Acute care	Long-term care	Specialty care	Type I 2/	Type II 3/
Number of facilities:						
1997	76	24	43	30	521	11
1998	76	24	45	28	530	12
1999	77	24	47	28	538	13
2000	74	24	45	24	543	17
2001	73	4/ 21	45	22	529	16
2002	72	20	45	23	521	19
Number of licensed beds: 5/						
1997	7,611	2,654	3,827	1,130	2,410	349
1998	7,847	2,619	4,063	1,165	2,463	363
1999	7,681	2,616	4,000	1,065	2,509	365
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

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

2/ Five beds or fewer.

3/ Six beds or more.

4/ Revised from previous *Data Book*.

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, State Health Planning and Development Agency *Inpatient Facilities and Home Health Services Utilization Report 1997 Data* (July 1998); State Health Planning and Development Agency, *Inpatient Facilities and Home Health Services Utilization Report 1998 Data* (August 1999); State Health Planning and Development Agency, *Inpatient Facilities and Home Health Services Utilization Report 1999 Data* (September 2000); Hawaii State Health Planning & Development Agency, *Inpatient Facilities and Home Health Services Utilization Report 2000 Data* (October 2001); Hawaii State Health Planning & Development Agency, *Inpatient Facilities Utilization Report 2001 Data* (October 2002) <<http://www.state.hi.us/health/shpda/shzrptoc.htm>> accessed December 27, 2002; Hawaii State Health Planning & Development Agency, *Health Care Utilization Report - 2002* (June 2003) <<http://www.state.hi.us/health/shpda/>> accessed June 2, 2004; Office of Health Care Assurance, records; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.24-- OCCUPANCY CHARACTERISTICS OF STATE-APPROVED ACUTE AND LONG-TERM CARE CIVILIAN FACILITIES: 1997 TO 2002

[Excludes Tripler Army Medical Center]

Type of facility and year	Admissions	Average daily census	Average length of stay (days)	Average daily percent occupancy
Acute care:				
1997	100,353	1,715	6.2	64.5
1998	103,795	1,620	5.7	61.9
1999	100,105	1,641	6.0	62.7
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
Long-term care:				
1997	5,098	3,472	247	90.7
1998	5,789	3,675	232	90.5
1999	5,866	3,721	232	93.0
2000	6,251	3,700	216	89.9
2001	6,263	3,781	220	91.4
2002	6,673	3,931	215	94.0

Source: Hawaii State Department of Health, State Health Planning and Development Agency, *Inpatient Facilities and Home Health Services Utilization Report 1997 Data* (July 1998); State Health Planning & Development Agency, *Inpatient Facilities and Home Health Services Utilization Report 1998 Data* (August 1999); State Health Planning & Development Agency, *Inpatient Facilities and Home Health Services Utilization Report 1999 Data* (September 2000); Hawaii State Health Planning & Development Agency, *Inpatient Facilities and Home Health Services Utilization Report 2000 Data* (October 2001); Hawaii State Health Planning & Development Agency, *Inpatient Facilities Utilization Report 2001 Data* (October 2002) <<http://www.state.hi.us/health/shpda/shzrptoc.htm>> accessed December 27, 2002; Hawaii State Health Planning & Development Agency, *Health Care Utilization Report - 2002* (June 2003) <<http://www.state.hi.us/health/shpda/>> accessed June 2, 2004; Hawaii State Health Planning & Development Agency, revised tables; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.25-- NUMBER AND BED CAPACITY OF STATE-APPROVED CIVILIAN FACILITIES AND CARE HOMES, BY TYPE OF FACILITY, BY ISLANDS: DECEMBER 2002

[Excludes Tripler Army Medical Center]

Category and island	Facilities				Care homes	
	Total 1/	Acute care	Long-term care	Specialty care	Type I 2/	Type II 3/
NUMBER OF FACILITIES						
State total	72	20	45	23	521	19
Oahu	49	11	28	18	434	16
Hawaii	9	3	8	-	53	-
Kauai	5	3	5	-	17	2
Maui	6	2	2	4	13	-
Molokai	2	1	1	1	4	1
Lanai	1	-	1	-	-	-
NUMBER OF LICENSED BEDS 4/						
State total	7,623	2,462	4,184	977	2,605	417
Oahu	5,447	1,939	2,619	889	2,170	369
Hawaii	951	222	729	-	265	-
Kauai	427	95	332	-	85	34
Maui	754	198	468	74	65	-
Molokai	30	8	22	14	20	14
Lanai	14	-	14	-	-	-

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

2/ Five beds or fewer.

3/ More than five beds.

4/ 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 - 2002* (June 2003) <<http://www.state.hi.us/health/shpda/>> accessed June 2, 2004; 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, BY ISLANDS: 2002**

[Excludes Tripler Army Medical Center]

Type of facility and island	Admissions	Average daily census	Average length of stay (days)	Average daily percent occupancy
ACUTE CARE				
State total	109,354	1,703	5.7	69.2
Oahu	78,635	1,305	6.1	67.3
Hawaii	14,096	188	4.9	84.5
Kauai	6,047	55	3.3	57.0
Maui	10,479	156	5.4	78.5
Molokai	97	1	2.1	7.0
Lanai	-	-	(X)	(X)
LONG-TERM CARE				
State total	6,673	3,931	215	94.0
Oahu	4,692	2,497	194	95.4
Hawaii	925	672	265	92.1
Kauai	460	293	232	88.2
Maui	488	449	337	96.2
Molokai	52	10	64	41.3
Lanai	56	11	66	72.1

X Not applicable.

Source: Hawaii State Department of Health, Hawaii State Health Planning & Development Agency, *Health Care Utilization Report - 2002* (June 2003) <<http://www.state.hi.us/health/shpda/>> accessed June 2, 2004; Hawaii State Health Planning & Development Agency, revised tables; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.27-- ADULT PATIENTS SERVED BY STATE MENTAL HEALTH FACILITIES: 1992 TO 2002

[On July 1, 1993, the Adult Mental Health Division changed the criteria by which eligibility for service was determined and focused on a priority population of "seriously and persistently mentally ill adults". Prior to that, the division served any person with any mental illness seeking service]

Facilities and year	Persons active, Dec. 31	Admissions	Discharges	Persons served
Hawaii State Hospital:				
1992	198	394	355	553
1993	195	446	449	644
1994	199	275	271	470
1995 1/	172	107	123	295
1996	164	102	110	274
1997	163	100	101	264
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
State-supported outpatient community mental health centers:				
1992	3,509	2,182	1,710	5,219
1993	3,410	2,004	2,103	5,513
1994	3,246	1,692	1,856	5,102
1995	2,798	804	866	3,664
1996	2,867	818	749	3,616
1997	3,024	804	647	3,671
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

1/ Prior to 1995, a patient's administrative leave for treatment at a facility outside Hawaii State Hospital was counted as a discharge when the patient left, then counted as an admission when the patient returned to the Hawaii State Hospital. From 1995, this type of patient leave was handled as an internal transfer.

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

**Table 2.28-- HAWAII STATE HOSPITAL BEDS AND OCCUPANCY:
1999 TO 2003**

Year	Number of beds, June 30 1/	Admissions 2/		Patients in hospital 3/	
		Total	First 4/	Average 2/	June 30
1999	202	132	115	164	162
2000	168	137	122	151	149
2001	168	183	5/ 88	158	157
2002	168	169	5/ 93	152	137
2003	168	184	101	167	174

1/ Number of licensed beds. The number of beds available for use, however, is dependent upon the staff/patient ratio.

2/ Fiscal year ending June 30.

3/ Includes patients on leave and absent without leave. In 2003, about 1.3% of the patients were on leave or absent without leave.

4/ Admissions in which a person has entered the facility for the first time during the fiscal year that data are being collected for.

5/ Revised from previous *Data Book* .

Source: Hawaii State Hospital, records.

Table 2.29-- HANSEN'S DISEASE PATIENTS REGISTERED: 1998 TO 2002

Subject	1998	1999	2000	2001	2002
Patients on register, Dec. 31	346	320	321	316	289
Department of Health's Hansen's Disease Community Program 1/	293	270	274	272	247
Kalaupapa	53	50	47	44	42
Hale Mohalu at Leahi	-	-	-	-	-
New cases	19	22	15	24	11
Deaths	13	6	3	1	2

1/ Previously categorized as "at home". Patients are registered to this community program, but reside at home.

Source: Hawaii State Department of Health, Hansen's Disease Community Program, records.

Table 2.30-- STATE EXPENDITURES ON SUBSTANCE ABUSE: 1998

Subject	State spending (mil. dol.)	Spending related to substance abuse	
		Amount (mil. dol.)	Per capita (dollars)
Total State budget	5,100	(NA)	(NA)
Substance abuse	438	(NA)	(NA)
Affected programs	3,523	429	361
Justice	180	148	124
Education (elementary, secondary)	710	83	70
Health	308	78	66
Child and family assistance	174	49	41
Mental health, developmentally disabled	134	63	53
Public safety	4	1	1
State workforce	2,014	7	6
Regulation and compliance	0.09	0.09	0.1
Prevention, treatment, and research	9	9	7
Total 1/	438	438	368

NA Not available.

1/ The national expenditure by states was \$81.3 billion, or \$299 per capita. The Hawaii per capita expenditure (\$368) ranked seventh among the 47 states providing data.

Source: National Center on Addiction and Substance Abuse, Columbia University, as reported in The Honolulu Star-Bulletin (January 29, 2001) <<http://starbulletin.com/2001/01/29/news/story3.html>>.

Table 2.31-- ESTIMATED USE OF ILLICIT DRUGS, FOR THE UNITED STATES AND HAWAII: 2000-2001

[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. Data in this table covers a 2-year period]

Geographic area	Any illicit drug 1/	Marijuana	Any illicit drug other than marijuana 1/	Cigarettes	Binge alcohol 2/
Estimated current users (1,000)					
United States	15,026	11,433	6,405	55,991	46,201
Hawaii	71	55	26	198	178
Current users as percent of population:					
United States	6.7	5.1	2.9	24.9	20.6
Hawaii	7.5	5.8	2.7	20.7	18.7

1/ Any illicit drug indicates use at least once of marijuana/hashish, cocaine (including crack), inhalants, hallucinogens (including PCP and LSD), heroin, or any prescription-type psychotherapeutic used nonmedically. Any illicit drug other than marijuana indicates use at least once of any of these listed drugs, regardless of marijuana/hashish use; marijuana/hashish users who also have used any of the other listed drugs are included.

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

Source: U.S. Substance Abuse and Mental Health Services Administration, National Household Survey on Drug Abuse, Annual, as cited in Statistical Abstract of the United States: 2003, table 202 <<http://www.census.gov/prod/2004pubs/03statab/health.pdf>> accessed February 20, 2004.

**Table 2.32-- PREVALENCE OF VARIOUS SUBSTANCES WITH
HAWAII STUDENTS: 1987 TO 2002**

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

Substance	1987	1989	1991	1993	1996	1998	2000	2002
Any illicit drug, include inhalants 1/								
6th grade	14.4	11.5	9.2	12.4	13.4	13.7	8.3	9.5
8th grade	27.1	22.3	21.6	27.3	29.6	26.3	23.3	22.0
10th grade	38.7	33.3	33.5	38.7	41.3	42.9	36.9	40.4
12th grade	50.5	41.4	39.3	42.0	47.7	50.3	48.4	49.4
Any illicit drug, exclude inhalants 2/								
6th grade	-	-	-	-	6.4	6.6	4.2	5.2
8th grade	-	-	-	-	23.0	20.9	18.5	18.2
10th grade	-	-	-	-	37.8	40.7	35.2	38.6
12th grade	-	-	-	-	45.9	48.9	47.8	48.5
Marijuana								
6th grade	3.0	2.5	1.7	2.4	5.1	4.9	2.4	2.6
8th grade	16.5	13.1	12.3	16.7	21.5	19.2	15.9	15.9
10th grade	32.9	26.2	25.7	31.4	36.5	39.2	33.2	35.8
12th grade	46.0	36.2	34.3	37.1	44.7	47.7	45.8	46.2
Methamphetamine 3/								
6th grade	-	1.4	1.0	1.3	1.4	1.8	0.5	0.4
8th grade	-	6.1	4.3	4.9	4.4	4.6	2.3	2.0
10th grade	-	9.9	7.0	7.8	5.9	6.7	4.5	4.2
12th grade	-	11.7	8.9	8.4	7.5	7.7	5.8	5.3
Any alcohol use								
6th grade	47.6	34.6	31.1	34.9	29.8	31.6	24.2	20.0
8th grade	64.7	57.3	55.8	57.4	54.0	52.6	49.2	42.5
10th grade	76.1	71.1	72.9	73.3	73.4	72.3	67.1	64.7
12th grade	85.9	80.5	79.8	79.2	79.7	81.2	77.2	75.4
Any tobacco use								
6th grade	-	-	-	-	24.2	22.2	12.7	10.5
8th grade	-	-	-	-	46.6	44.1	37.2	28.2
10th grade	-	-	-	-	58.4	58.0	50.5	43.2
12th grade	-	-	-	-	64.7	63.6	60.0	50.5

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 2002 Hawaii Student Alcohol, Tobacco and Other Drug Use Study (1987-2002)*, *Hawaii Adolescent Prevention and Treatment Needs Assessment Executive Summary* (2003), table 1.

**Table 2.33-- PHYSICIANS, DENTISTS, NURSES, AND PHARMACISTS
LICENSED IN HAWAII, BY PLACE OF ADDRESS: JULY 9, 2003**

[Excludes inactive licenses]

Place of address	Physicians and surgeons 1/	Dentists	Registered nurses	Pharmacists
Total licensed	6,483	1,340	15,698	1,577
Hawaii addresses	3,363	1,009	10,849	912
Hawaii	313	92	1,166	87
Maui	262	72	981	77
Lanai	2	2	14	1
Molokai	8	3	29	2
Oahu	2,652	802	8,187	702
Kauai	126	40	472	43
Mainland U.S.	3,067	311	4,643	658
Foreign	53	20	206	7

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, records.

**Table 2.34-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS
(NAICS 62), BY KIND OF BUSINESS OR OPERATION: 1997**

[Includes 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. Therefore, comparability between the 1992 and the 1997 data may be limited]

NAICS code	Kind of business or operation	Establishments (number)	Receipts/revenues (\$1,000)	Annual payroll (\$1,000)	Paid employees, pay period including March 12
	Firms subject to federal income tax				
62	Health care and social assistance	2,360	1,646,255	730,786	18,221
621	Ambulatory health care services 1/	2,249	1,356,713	586,581	13,828
6211	Offices of physicians	1,076	731,276	359,150	6,125
6212	Offices of dentists	657	267,597	101,463	3,266
6213	Offices of other health practitioners	380	96,062	31,945	1,359
6214	Outpatient care centers	47	58,253	22,090	501
6215	Medical and diagnostic laboratories	42	139,451	45,210	1,264
6216	Home health care services	31	30,749	13,304	924
6219	Other ambulatory health care services	16	33,325	13,419	389
622	Hospitals	1	(D)	(D)	(g)
623	Nursing and residential care facilities	37	118,739	53,915	2,121
6231	Nursing care facilities	21	113,137	51,993	2,001
6232	Residential mental retardation/health and substance abuse facility	7	(D)	(D)	(b)
6233	Community care facilities for the elderly	8	3,087	1,047	79
6239	Other residential care facilities	1	(D)	(D)	(a)
624	Social assistance	73	(D)	(D)	(f)
6241	Individual and family services	23	(D)	(D)	(c)
6242	Community food and housing/emergency and other relief services	2	(D)	(D)	(a)
6243	Vocational rehabilitation services	13	13,465	6,546	251
6244	Child day care services	35	(D)	(D)	(c)
	Firms exempt from federal income tax				
62	Health care and social assistance	581	2,329,058	886,904	29,344
621	Ambulatory health care services 1/	73	477,944	113,921	3,172
6214	Outpatient care centers	56	433,619	93,420	2,318

Continued on next page.

**Table 2.34-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS
(NAICS 62), BY KIND OF BUSINESS OR OPERATION: 1997-- Con.**

NAICS code	Kind of business or operation	Establishments (number)	Receipts/Revenues (\$1,000)	Annual payroll (\$1,000)	Paid employees, pay period including March 12
	Firms exempt from federal income tax (cont.)				
6216	Home health care services	13	33,353	15,892	703
6219	Other ambulatory health care services	4	10,972	4,609	151
622	Hospitals	28	1,527,862	624,708	17,876
6221	General medical and surgical hospitals	21	1,259,785	509,759	14,515
6222	Psychiatric and substance abuse hospitals	3	62,694	36,738	1,053
6223	Specialty (except psychiatric and substance abuse) hospitals	4	205,383	78,211	2,308
623	Nursing and residential care facilities	42	84,959	38,336	1,884
6231	Nursing care facilities	6	44,051	19,475	816
6232	Residential mental retardation/health and substance abuse facility	21	22,439	10,518	613
6233	Community care facilities for the elderly	4	11,448	5,127	264
6239	Other residential care facilities	11	7,021	3,216	191
624	Social assistance	438	238,293	109,939	6,412
6241	Individual and family services	226	138,787	68,864	3,622
6242	Community food and housing/emergency and other relief services	56	36,331	11,303	651
6243	Vocational rehabilitation services	18	18,219	8,382	567
6244	Child day care services	138	44,956	21,390	1,572

D Withheld to avoid disclosing data of individual companies.

a 0 to 19 employees.

b 20 to 99 employees.

c 100 to 249 employees.

f 500 to 999 employees.

g 1,000 to 2,499 employees.

1/ 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.

Source: U.S. Census Bureau, 1997 Economic Census, *Health Care and Social Assistance, Geographic Area Series, Hawaii*, EC97S62A-HI (June 1999), table 1a and 1b.

**Table 2.35-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS
(NAICS 62), FOR COUNTIES AND SELECTED URBAN PLACES : 1997**

[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 earlier Economic Censuses. Therefore, comparability between the 1992 and the 1997 data may be limited]

Geographic area	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	Paid employees, pay period including March 12
State total	2,360	1,646,255	730,786	18,221
Hawaii County	321	224,838	76,168	2,441
Hilo	180	155,372	53,922	1,643
Kailua	48	20,531	8,061	323
Honolulu County	1,730	1,231,679	563,133	13,474
Aiea	63	32,176	12,175	324
Ewa Beach	18	8,586	3,823	91
Honolulu	1,194	925,469	427,398	9,866
Kailua	108	44,072	20,820	526
Kaneohe	63	37,576	16,272	587
Laie	3	987	356	8
Maunawili	6	3,289	1,449	29
Mililani Town	25	15,627	7,193	169
Pearl City	29	26,382	9,086	296
Wahiawa	35	20,900	8,593	253
Waianae	10	4,600	1,810	67
Waimalu	66	49,106	25,257	463
Waipahu	53	22,729	10,152	239
Waipio	5	1,425	597	18
Kauai County	79	51,361	27,610	745
Kalaheo	4	2,202	813	23
Kapaa	13	4,199	1,917	75
Lihue	42	36,828	20,221	478
Maui County	230	138,377	63,875	1,561
Haiku-Pauwela	4	515	325	3
Kahului	60	29,376	12,446	355
Kaunakakai	5	1,220	329	36
Kihei	23	9,386	3,327	132
Lahaina	17	8,516	4,949	106
Makawao	9	1,704	595	30
Pukalani	9	3,552	1,127	50
Wailea-Makena	3	686	345	3
Wailuku	82	77,680	38,055	735

Source: U.S. Census Bureau, 1997 Economic Census, *Health Care and Social Assistance, Geographic Area Series*, EC97S62A-HI (June 1999), tables 1a, 3, and 4.

Table 2.36-- MARRIAGES AND DIVORCES: 1990 TO 2002

[Place of occurrence basis]

Calendar year	Marriages		Divorces and annulments 3/	Rates per 1,000 resident population 1/		Percent of marriages	
	Total	Resident 2/		Resident marriages	Divorces, annulments 3/	Nonresident 4/	Interracial 5/
1990	18,306	10,407	5,179	9.3	4.7	43.1	45.9
1991	17,764	10,051	5,184	8.8	4.6	43.4	43.9
1992	17,725	10,049	5,040	8.7	4.4	43.3	44.3
1993	17,252	9,744	4,888	8.3	4.2	43.5	44.1
1994	18,118	9,317	4,993	7.8	4.2	48.6	44.5
1995	18,669	9,277	5,505	7.8	4.6	50.3	45.0
1996	19,589	9,003	4,903	7.5	4.1	54.0	45.6
1997	19,901	8,878	4,877	7.3	4.0	55.5	44.8
1998	20,974	8,746	4,914	7.2	4.0	58.3	46.3
1999	23,067	9,222	4,620	7.6	3.8	60.0	44.2
2000	25,376	9,217	4,716	7.6	3.9	63.7	43.4
2001	24,477	9,126	4,857	7.4	4.0	62.7	6/ 55.7
2002	25,795	8,914	4,798	7.2	3.9	65.4	6/ 56.0

1/ Based on July 1 estimates by the U.S. Census Bureau, as revised through Dec. 18, 2003. Population estimates for 1991 through 1999 were revised based upon the April 1, 2000 figures which were released April 19, 2002.

2/ One or both partners residents of Hawaii.

3/ Final decrees only.

4/ Both partners 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.

Source: Hawaii State Department of Health, *Statistical Report* (annual), and records; rates calculated by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.37-- MARRIAGE AND DIVORCE RATES BASED ON RISK
POPULATION: 1910 TO 2000**

Census year	Females 15 years old and over 1/		Marriages 2/		Divorces 2/	
	Unmarried 3/	Married 4/	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/ 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.

3/ Single, widowed or divorced.

4/ Includes separated persons.

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 2.38-- CHARACTERISTICS OF MARRIAGES AND DIVORCES:
1999 TO 2002**

[Place of occurrence basis]

Subject	1999	2000	2001	2002
MARRIAGES				
Number	23,067	25,376	24,477	25,795
Percent on Oahu	44.4	42.7	44.1	43.4
Percent Hawaii residents:				
Both bride and groom	36.7	33.3	34.1	31.3
One partner only	3.2	3.0	3.2	3.2
Neither bride nor groom	60.0	63.7	62.7	65.4
Not reported 1/	-	<0.1	-	-
Median age (years):				
Groom	33	33	33	33
Bride	30	30	31	31
Percent previously married:				
Groom	39.0	38.0	38.3	38.0
Bride	39.6	38.7	38.7	38.6
DIVORCES AND ANNULMENTS				
Number	4,620	4,716	4,857	4,798
Divorces	4,611	4,704	4,845	4,790
Annulments	5	12	12	8
Not reported	4	-	-	-
Percent occurring on Oahu	72.7	74.0	74.2	74.2
Percent Hawaii residents:				
Both partners	74.7	75.5	75.0	74.8
One partner only	23.6	22.8	23.5	23.5
Neither partner	<0.1	<0.1	<0.1	<0.1
Not reported 1/	1.7	1.7	1.5	1.6
Median age (years):				
Husband	38	38	38	39
Wife	36	36	36	36
Percent interracial 2/	2/ 43.7	2/ 45.1	3/ 49.4	3/ 49.1
Percent with children under 18 years	51.8	51.1	50.6	49.1
Median years married	7.2	7.4	7.5	7.6

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

2/ For these calculations, divorces where both husband and wife are in the "Part Hawaiian" or "Other races" categories are classified as non-interracial.

3/ Definition of "interracial" divorces for this table was changed beginning in 2001. From 2001, divorces where either the husband or wife are "Part Hawaiian" were classified as "interracial" and divorces where the husband or wife were "Other race" were classified as "Unknown". In the years prior to 2001, divorces in which both the husband and wife were "Part Hawaiian" or "Other race" were classified as non-interracial. For 2001, the percent of "interracial" divorces would have been 43.8 if the definition for the years prior to 2001 was used. Percentage based on number reporting.

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

Table 2.39-- MARRIAGES , RESIDENT AND NONRESIDENT, BY RACE MIXTURE AND TYPE OF CEREMONY: 2002

[Place of occurrence basis]

Race mixture and type of ceremony	Total	At least one partner Hawaii resident	Both partners nonresidents
All marriages	25,795	8,970	16,896
Race of partners:			
Both partners same race 1/	16,198	3,564	12,634
Different 2/	6,719	4,536	2,183
Percent different 3/	29.3	56.0	14.7
Not reported 4/	2,878	814	2,064
Type of ceremony:			
Civil ceremony	3,328	2,773	555
Religious ceremony	22,467	6,141	16,326

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 2.40-- MARITAL DISSOLUTION: 1990 TO 2002

[Place of residence basis]

Subject	1990	2000	2002	Percent		
				1990	2000	2002
Married couples	210,468	216,077	218,816	100.0	100.0	100.0
Marriages ended 1/	8,292	8,365	8,470	3.9	3.9	3.9
By divorce 1/	5,172	4,707	4,785	2.5	2.2	2.2
By death	3,120	3,658	3,685	1.5	1.7	1.7
Husbands	2,234	2,574	2,600	1.1	1.2	1.2
Wives	886	1,084	1,085	0.4	0.5	0.5

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

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 "American Community Survey Profile 2002 - Hawaii" (September 2003).

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: 2003* presents comparable information for the nation as a whole.

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

Age and educational attainment	State total	Oahu	Other islands
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**

Years completed	1940	1950	1960	1970	1980	1990	2000
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 COUNTIES: 2000

Subject	State total	Hawaii	Honolulu	Kalawao	Kauai	Maui
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: 2002

[Noninstitutional population]

Geographic area	Population 25 years and over (1,000)	High school graduate or more		Bachelor's degree or more	
		Percent	1.6* (s.e.) 1/	Percent	1.6*(s.e.) 1/
United States	182,686	82.6	0.3	25.9	0.3
Hawaii	811	87.1	0.8	27.9	1.2
Rank 2/	41	14	(X)	15	(X)

X Not applicable.

1/ The value of 1.6 times the standard error, added to and subtracted from the estimated percentage, yields the 90-percent confidence level.

2/ Among the 50 states.

Source: U.S. Bureau of the Census, American Community Survey Profile 2002, Tabular profiles (social), <<http://www.census.gov>> accessed January 23, 2004.

**Table 3.06-- PRIVATE EDUCATIONAL SERVICES (NAICS 61),
BY TYPE OF SERVICE: 1997**

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

NAICS code	Type of service	Establishment (number)	Receipts/ Revenue (\$1,000)	Employees, week including March 12	Annual payroll (\$1,000)
611	Educational services	277	75,686	1,610	26,096
6114	Business schools, & computer & management training	27	8,687	189	4,686
6115	Technical & trade schools	29	13,582	184	3,790
6116	Other schools & instruction	203	44,194	1,140	14,787
6117	Educational support services	18	9,223	97	2,833

Source: U.S. Bureau of the Census, *1997 Economic Census, Educational Services, Geographic Area Series EC97S61A-HI* (August 1999), p. 7.

**Table 3.07-- PRIVATE EDUCATIONAL SERVICES (NAICS 611),
BY TYPE OF SERVICE: 2001**

[Data refer to establishments with taxable payrolls. Excludes government and self-employed workers. 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		Employees, week including March 12	Annual payroll (\$1,000)
		Total	20 or more employees		
611	Educational services	444	89	13,870	354,502
6111	Elementary & secondary schools	117	60	7,590	228,043
6112	Junior colleges	7	4	332	10,945
6113	Colleges, universities & professional schools	18	7	4,211	81,698
6114	Business schools, & computer & management training	36	1	137	2,922
6115	Technical & trade schools	33	2	233	5,493
6116	Other schools & instruction	215	13	1,184	17,360
6117	Educational support services	18	2	183	8,041

Source: U.S. Bureau of the Census, *County Business Patterns 2001, Hawaii*, CBP/01-13 (April 2003), p. 31.

**Table 3.08-- EXPENDITURES AND PER PUPIL EXPENDITURES
BY EDUCATION LEVEL & FUNCTION 2001-2002**

[In \$1,000]

Education Level	Total Expenditure	Instruction	Instruc- tional Support	Leadership	Operations	Other Commit- ments
Total Expenditure	1,331,071	591,068	287,457	83,723	165,917	202,906
Total Per Pupil	7.249	3.219	1.565	0.456	0.904	1.105
Elementary Schools						
Total expenditure	675,300	312,405	136,874	41,526	83,088	101,408
Total per pupil	7.277	3.366	1.475	0.447	0.895	1.093
Middle Schools						
Total expenditure	208,514	90,694	42,082	14,733	27,336	33,668
Total per pupil	6.878	2.992	1.388	0.486	0.902	1.111
High Schools						
Total expenditure	317,586	134,136	74,204	19,274	39,289	50,683
Total per pupil	7.000	2.957	1.636	0.425	0.866	1.117
Combined Schools						
Total expenditure	129,671	53,834	34,296	8,190	16,204	17,147
Total per pupil	8.563	3.555	2.265	0.541	1.070	1.132

Source: Hawaii State Department of Education website <<http://165.248.10.76/hsers02/hsers02a.htm>> accessed July 29, 2003.

**Table 3.09-- PUBLIC SCHOOL ENROLLMENT BY GRADES, BY COUNTIES:
SEPTEMBER 2003**

Grade	State total 1/ 2/	Hawaii 3/	Maui 3/	Honolulu 1/ 3/	Kauai 3/
All grades	183,609	24,320	21,339	123,243	10,099
Nursery	1,175	152	95	873	49
Kindergarten	13,048	1,626	1,472	8,947	678
1	13,048	1,660	1,592	8,842	624
2	13,297	1,611	1,511	9,159	679
3	13,088	1,604	1,505	8,986	655
4	13,128	1,582	1,443	9,068	708
5	13,061	1,656	1,535	8,854	736
6	12,706	1,495	1,403	8,707	693
7	12,525	1,610	1,395	8,387	758
8	12,487	1,520	1,485	8,348	716
9	13,854	1,780	1,523	9,451	766
10	11,476	1,634	1,333	7,525	723
11	11,050	1,686	1,381	7,097	676
12	9,197	1,514	1,111	5,815	582
Specials 4/	20,469	3,190	2,555	13,184	1,056

1/ Data exclude UH Lab School.

2/ Data includes Special Schools and Charter Schools.

3/ Data exclude charter schools.

4/ Data includes ungraded students in special schools.

Source: Hawaii State Department of Education, <[http://lilinode.k12.hi.us/STATE/COMM/DOEPRESS.NSF/a1d7af052e94dd120a2561f7000a037c/f926b2a9492907ae0a256db4000975b0/\\$FILE/2003-04%20State%20Enrollment.pdf](http://lilinode.k12.hi.us/STATE/COMM/DOEPRESS.NSF/a1d7af052e94dd120a2561f7000a037c/f926b2a9492907ae0a256db4000975b0/$FILE/2003-04%20State%20Enrollment.pdf)> accessed June 17, 2004.

**Table 3.10-- FEDERALLY-CONNECTED PUPILS IN PUBLIC SCHOOLS:
FALL, 1996 TO 2000**

Category	1996	1997	1998	1999	2000
All federally-connected pupils	32,122	30,905	31,438	30,337	30,251
Percent of total enrollment	17.0	16.3	16.7	16.3	16.5
Category A 1/	14,741	14,343	13,628	12,969	12,689
Category B 2/	17,381	16,562	17,810	17,368	17,562

1/ Includes dependents whose parents live and work on federal property.

2/ Includes dependents whose parents live on or work on federal property.

Source: Hawaii State Department of Education, records.

Table 3.11-- HAWAII STATE HIGH SCHOOL GRADUATES BY PUBLIC AND PRIVATE HIGH SCHOOL: 1982 TO 2003

June Graduates	Total	Public	Private
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 1/	12,933	10,330	2,603
2002 1/	13,366	10,771	2,595
2003	12,837	10,316	2,521

1/ Data have been revised from previous *Data Book*.

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

**Table 3.12-- PRIVATE SCHOOLS, TEACHERS, AND ENROLLMENT,
1993-1994 TO 1999-2000, AND PRIVATE HIGH SCHOOL
GRADUATES, 1991-1992 TO 1998-1999**

[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

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

Source: National Center for Education Statistics, Private School Universe Survey, 1993-94, NCES 96-143 (May 15,1996), Private School Universe Survey, 1995-96, NCES 98-229 (March 25,1998), Private School Universe Survey, 1997-98, NCES 1999-319 (August 31,1999), Private School Universe Survey, 1999-2000, NCES 2001-330 (July 2, 2001).

**Table 3.13-- SCHOLASTIC ASSESSMENT TEST SCORE AVERAGES:
2002 AND 2003**

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

Component	Hawaii seniors		U.S. averages	
	2002	2003	2002	2003
Mathematical	520	516	516	519
Verbal	488	486	504	507

Source: *Honolulu Star Bulletin*, August 26, 2003.

**Table 3.14-- STANFORD ACHIEVEMENT TEST RESULTS FOR PUBLIC
SCHOOL GRADES 3, 5, 8, AND 10: SPRING 2003**

Subject and level	U.S. Average	Hawaii results , by grade			
		Grade 3	Grade 5	Grade 8	Grade 10
Reading:					
Low	23	18.1	24.0	25.9	34.2
Average	54	59.1	56.0	53.8	59.5
High	23	22.8	20.0	20.3	6.2
Math:					
Low	23	15.5	19.7	27.3	30.7
Average	54	52.7	46.8	52.9	51.1
High	23	31.8	33.5	19.7	18.2

Source: *The Honolulu Advertiser* , October 3, 2003.

**Table 3.15-- HAWAII STATE ASSESSMENT RESULTS FOR PUBLIC
SCHOOL GRADES 3, 5, 8, AND 10: SPRING 2003**

Subject and level	Hawaii results , by grade			
	Grade 3	Grade 5	Grade 8	Grade 10
Reading:				
Well Below	9.5	15.0	9.3	7.6
Approaches	46.6	42.4	49.5	45.1
Meets	40.8	39.7	36.4	34.1
Exceeds	1.1	1.1	0.8	0.6
Not Tested	1.9	1.8	4.2	12.6
Math:				
Well Below	18.6	23.3	26.9	14.6
Approaches	55.8	55.7	52.7	56.8
Meets	21.9	18.2	15.0	14.4
Exceeds	2.2	1.4	0.7	0.7
Not Tested	1.5	1.4	4.5	13.4

Source: *The Honolulu Advertiser* , October 3, 2003.

Table 3.16-- HEADCOUNT ENROLLMENT AT THE UNIVERSITY OF HAWAII, BY CAMPUS: FALL 1992 TO 2003

[Fall headcount of credit students]

Year	Total, all campuses	University of Hawaii at Manoa				Univ. of Hawaii at Hilo 2/	Univ. of Hawaii- West Oahu	
		Total	Classified		Unclassi- fied 1/			
			Under- graduates	Gradu- ates				
1992	49,851	19,865	12,838	5,207	1,820	2,966	692	
1993	50,647	20,090	12,991	5,343	1,756	3,174	676	
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	
		Community Colleges 3/						
Year	Total	Honolulu	Kapiolani	Leeward	Windward	Hawaii	Kauai	Maui
1992	26,328	4,774	7,132	6,135	1,787	2,207	1,580	2,713
1993	26,707	4,741	7,375	6,473	1,642	2,415	1,464	2,597
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

Note: Includes Special students (early admits and concurrent registrants) for all years shown.

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

2/ Excludes Hawaii Community College, which until Fall 1991 was organizationally part of UH Hilo.

3/ Data for all years include Hawaii Community College.

Source: University of Hawaii, Institutional Research Office.

**Table 3.17-- DEGREES, DIPLOMAS, AND CERTIFICATES AWARDED BY
THE UNIVERSITY OF HAWAII: 1993 TO 2003**

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	
1993	2,527	1,088	147	115	250	-	190
1994	2,537	1,018	166	133	314	-	161
1995	2,603	1,070	155	121	331	-	186
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

Year ended June 30	University of Hawaii at Hilo			Community Colleges		
	Certificates 3/	Bachelor's degree	Master's 4/	Certificates 5/	Associate's degree	No data
1993	62	280	-	316	2,135	22
1994	64	311	-	347	2,022	17
1995	73	367	-	516	2,107	1
1996	82	414	-	422	2,201	-
1997	45	421	-	372	2,304	-
1998	46	411	-	396	2,310	4
1999	31	419	-	371	2,244	11
2000	36	411	-	348	2,302	3
2001	33	419	-	325	2,209	1
2002	48	405	1	349	2,204	-
2003	36	450	16	336	2,375	-

1/ Includes Doctor of Jurisprudence (J.D.) and Doctor of Medicine (M.D.). Effective 2000, also includes Doctor of Architecture (ArchD).

2/ Certificates in Dental Hygiene (1993-1998) and professional diplomas.

3/ Professional Certificates in Education.

4/ MA in Hawaiian Language and Literature added in Fall 1997. Med in Education added in Fall 2000.

5/ Certificates of Achievement.

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

**Table 3.18-- UNIVERSITY OF HAWAII CURRICULA, TUITION, FINANCES,
AND FACULTY AND STAFF: 2001 TO 2003**

Subject	2001	2002	2003
Curricula offered at Manoa Campus,	291	279	288
Bachelor's degree programs	90	87	87
Master's degree programs	89	86	87
Doctoral programs	57	53	53
Other programs 1/	55	53	61
Tuition per semester (full-time undergraduate, regular session) (dollars): 2/			
Manoa Campus: Resident	1,560	1,608	1,656
Nonresident	4,800	4,848	4,896
Hilo: 3/ Resident	1,152	1,164	1,188
Nonresident	3,936	3,948	3,972
West Oahu: Resident	984	1,020	1,056
Nonresident	3,552	3,588	3,624
Community colleges: Resident 4/	516	516	540
Nonresident 4/	2,904	2,904	2,904
Finances, fiscal year ending June 30:			
Current fund revenues (\$1,000)	788,998	856,091	939,270
Current fund expenditures (\$1,000)	766,156	765,517	881,898
Faculty and staff, October 5/	8,353	8,646	8,928
Board of Regents appointees	6,616	6,933	7,187
Full-time	4,355	6/ 4,498	4,655
Part-time	2,261	6/ 2,435	2,352
Civil Service personnel	1,737	1,713	1,741
Full-time	1,689	6/ 1,674	1,692
Part-time	48	6/ 39	49

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

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/ Effective AY 2003-2004, UH Hilo eliminated its lower division rate. Amounts shown for AY 2001-2002 and AY 2002-2003 are upper division rates.

4/ Effective AY 2001-2002, Community Colleges tuition is charged on a per-credit basis for all enrolled credits. The amount shown here is based on 12 enrolled credits, and shown for comparative purposes only.

5/ Includes persons on leave without pay. 2003 data are preliminary.

6/ Data have been revised from previous *Data Book*.

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

Table 3.19-- ENROLLMENT AND EARNED DEGREES CONFERRED, FOR PRIVATE COLLEGES AND UNIVERSITIES: 1998 TO 2003

[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
1998, total	13,496	11,764	1,732	436	1,518	491
Brigham Young	2,301	2,301	-	28	267	-
Chaminade	2,690	2,034	656	173	236	145
Hawaii Pacific	8,505	7,429	1,076	235	1,015	346
1999, total	13,539	11,738	1,801	461	1,620	578
Brigham Young	2,276	2,276	-	22	312	-
Chaminade	2,740	2,029	711	190	287	220
Hawaii Pacific	8,523	7,433	1,090	249	1,021	358
2000, total	13,847	12,007	1,840	405	1,862	494
Brigham Young	2,353	2,353	-	24	439	-
Chaminade	2,620	2,038	582	142	291	176
Hawaii Pacific	8,874	7,616	1,258	239	1,132	318
2001, total	13,748	11,880	1,868	467	1,821	600
Brigham Young	2,278	2,278	-	30	493	-
Chaminade	2,561	1,976	585	181	292	202
Hawaii Pacific	8,909	7,626	1,283	256	1,036	398
2002, total	13,466	11,623	1,843	351	1,847	488
Brigham Young	2,529	2,529	-	10	499	-
Chaminade	2,800	2,195	605	138	279	166
Hawaii Pacific	8,137	6,899	1,238	203	1,069	322
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

1/ Brigham Young University, Hawaii Campus (in Laie); Chaminade University of Honolulu; Hawaii Pacific University (in Honolulu).

2/ In regular credit programs.

3/ Year ended June 30.

Source: Compiled by Hawaii State Department of Business, Economic Development & Tourism from college officials.

Table 3.20-- RESIDENCE AND MIGRATION OF FRESHMEN STUDENTS IN INSTITUTIONS OF HIGHER EDUCATION AND FRESHMEN STUDENTS GRADUATING FROM HIGH SCHOOL IN THE PAST 12 MONTHS: FALL 2000

Category	New undergraduate students 1/	Freshmen students 2/	
		Total	In 4-year colleges
Students enrolled in State 3/	8,556	6,218	2,630
Students residents of State 4/	9,917	7,759	4,160
Students remaining in State 5/	7,126	5,358	1,834
Migration of students:			
Out of State	2,791	2,401	2,326
Into State	1,430	860	796
Net migration	-1,361	-1,541	-1,530

1/ Students who are enrolled at the reporting institution for the first time at the undergraduate level.

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, *Digest of Education Statistics 2002*, pp. 242-244

**Table 3.21-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY
SYSTEM: 1998 TO 2003**

Subject	1998	1999	2000	2001	2002	2003
Library locations, June 30	49	50	50	50	50	50
Oahu	23	23	23	23	23	23
Other islands	26	27	27	27	27	27
Personnel, June 30 1/	512.05	512.05	512.05	527.05	527.05	543.55
Librarians	159.00	157.00	159.00	160.00	160.00	163.00
All others	353.05	355.05	353.05	367.05	367.05	380.55
Hours open 2/	53	53	53	53	53	40
Collections, June 30 (1,000)	3,201	3,317	3,305	3,299	3,355	3,281
Circulation, year ended June 30 (1,000)	7,781	7,345	6,926	6,748	7,156	6,723
Patron Visits (1,000)	(NA)	(NA)	(NA)	6,143	5,590	5,859
Reference Questions (1,000)	(NA)	(NA)	(NA)	1,223	1,147	982
Internet Users	(NA)	(NA)	(NA)	105,768	118,820	331,240
Library Programs Attendance	(NA) (NA)	(NA) (NA)	(NA) (NA)	9,582 235,570	9,632 236,807	9,336 237,120

NA Not available.

1/ Full-time equivalent basis, but including permanent and temporary State general-funded positions and temporary Federal funded positions, and excluding student help.

2/ Regular weekly totals for Hawaii State Library, Honolulu.

Source: Hawaii State Public Library System, Administrative Services Branch, records.

**Table 3.22-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY SYSTEM
BY ISLANDS: 2003**

Island	Library locations, June 30	Personnel, June 30 1/	Circulation, year ended June 30	
Total system	50	543.55	6,723,313	
Oahu	23	312.50	4,451,031	
Other islands	27	136.05	2,272,282	
Hawaii	13	58.55	1,063,241	
Kauai	6	32.50	527,683	
Maui 2/ Administration/Other 3/	8 (X)	45.00 95.00	681,358 (X)	
	Collections, June 30			
Island	Books	Periodical subscriptions		Sound recordings
Total system	3,205,316	5,343	79,500	221,924
Oahu	2,065,176	3,167	42,640	64,700
Other islands	1,113,402	2,051	36,281	39,290
Hawaii	499,298	905	15,669	14,981
Kauai	246,341	421	10,199	9,380
Maui 2/ Library for the Blind and Physically Handicapped 5/	367,763 26,738	725 125	10,413 579	14,929 117,934

X Not applicable.

1/ Full-time equivalent basis, but including permanent and temporary State general-funded positions and temporary Federal funded positions but excluding student help.

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

3/ The Hawaii State Public Library System Centralized Processing Center ceased operation in FY 1996.

4/ Includes Digital Video Discs.

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

Source: Hawaii State Public Library System, Administrative Services Branch, records.

Table 3.23-- UNIVERSITY OF HAWAII LIBRARY SYSTEM HOLDINGS AND CIRCULATION, BY CAMPUS: 2002 AND 2003

Campus	Number of volumes, June 30		Circulation, year ended June 30	
	2002	2003	2002	2003
All campuses	4,207,535	4,264,970	590,194	547,996
UH Manoa, total 1/ University of Hawaii at Manoa 2/ UH Manoa Law Library JABSOM Library Research center 3/	3,548,985 3,234,973 304,934 9,078	3,618,449 3,294,184 315,036 9,229	468,890 464,704 4,113 73	429,964 426,188 3,642 134
University of Hawaii-West Oahu	25,950	25,500	4,449	2,084
University of Hawaii at Hilo 4/	266,113	269,645	53,756	55,790
Community colleges, total 4/ Honolulu Kapiolani Leeward Windward Kauai Maui 5/ 6/	366,487 55,977 71,856 85,646 46,878 55,000 51,130	351,376 57,514 69,687 68,634 47,569 55,235 52,737	63,099 8,239 14,386 15,926 10,058 7,089 7,401	60,158 6,721 16,741 13,265 10,891 4,414 8,126

1/ Data have been revised from previous *Data Book*.

2/ Volumes total includes Government Documents Collection. Circulation total includes media use at Wong Audiovisual Center.

3/ Manoa circulation lower due to partial year closure of Hamilton Library due to renovation.

4/ Hawaii Community College and UH Center at West Hawaii are included with the University of Hawaii at Hilo.

5/ Maui volumes includes holdings on Molokai, Lanai and Hana.

6/ Maui circulation also includes in-house and Interlibrary loan counts.

Source: University of Hawaii at Manoa, University Libraries, 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: 2003*, Section 5.

**Table 4.01-- ACTUAL INDEX OFFENSES KNOWN TO THE POLICE,
BY COUNTIES: 1992 TO 2002**

[Index Offenses include murder, forcible rape, robbery, aggravated assault, burglary, larceny-theft, and motor vehicle theft. Actual offenses include reported or known offenses, less unfounded cases. Figures revised from *Data Books* prior to 2000 to exclude negligent manslaughter. Excludes arson in the Index Offenses total after 1998]

Year	State total		City and County of Honolulu	Hawaii County	Kauai County	Maui County
	Number	Rate 1/				
1992	71,258	61.5	53,826	6,940	2,502	7,990
1993	73,934	63.0	56,681	6,918	2,355	7,980
1994	79,187	66.7	61,156	7,162	2,383	8,486
1995	85,824	71.7	67,439	7,107	2,657	8,621
1996	78,314	65.1	60,352	6,889	2,987	8,086
1997	71,872	59.3	53,712	7,352	2,855	7,953
1998	63,997	52.7	47,731	6,804	2,265	7,197
1999 2/	57,324	47.4	42,678	5,815	2,076	6,755
2000 2/	63,019	52.0	46,691	6,425	2,578	7,325
2001 2/	65,947	53.8	48,442	6,985	2,346	8,174
2002 2/	75,238	60.6	57,271	6,936	3,045	7,986

1/ Annual rate per 1,000 resident population based on July 1 estimates by the U.S. Census Bureau, as revised through Dec. 18, 2003. Population estimates for 1991 through 1999 were revised based upon the April 1, 2000 figures which were released April 19, 2002.

2/ Excludes arson.

Source: Department of the Attorney General, Crime Prevention and Justice Assistance Division, Uniform Crime Reports; rates were calculated 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: 1993 TO 2002

[Actual offenses include reported or known offenses, less unfounded cases. Figures revised from *Data Books* prior to 2000 to exclude negligent manslaughter. Excludes arson in the Index Offenses total after 1998]

Offense	1993	1994	1995	1996	1997
All Index Offenses	73,934	79,187	85,824	78,314	71,872
Murder	45	50	56	40	47
Forcible rape	394	359	336	326	371
Robbery	1,214	1,221	1,553	1,606	1,403
Aggravated assault	1,408	1,461	1,564	1,350	1,478
Burglary	13,310	14,029	13,832	12,781	12,741
Larceny-theft	51,912	55,260	59,907	54,701	48,984
Motor vehicle theft	5,283	6,383	8,199	7,157	6,468
Arson	368	424	377	353	380
Offense	1998	1999	2000	2001	2002
All Index Offenses	63,997	1/ 57,324	1/ 62,987	1/ 65,947	1/ 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

1/ Excludes arson.

Source: Department of the Attorney General, Crime Prevention and Justice Assistance Division, Uniform Crime Reports.

**Table 4.03-- ACTUAL OFFENSES KNOWN TO POLICE AND OFFENSES
CLEARED BY ARREST OR OTHERWISE, BY CLASS OF OFFENSE:
1992 TO 2002**

[Actual offenses include reported or known offenses, less unfounded cases]

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/
1992	71,258	120,345	13,269	79,096	18.6	65.7
1993	73,934	115,495	11,272	74,478	15.2	64.5
1994	79,187	118,942	12,179	75,843	15.4	63.8
1995	85,824	121,629	11,659	80,461	13.6	66.2
1996	78,314	115,435	12,335	79,523	15.8	68.9
1997	71,872	117,354	12,693	4/ 85,606	17.7	4/ 72.9
1998	63,997	109,183	12,069	72,564	18.9	66.5
1999	5/ 57,324	107,135	5/ 9,947	70,826	5/ 17.4	66.1
2000	5/ 62,987	113,061	5/ 8,998	72,041	5/ 14.3	63.7
2001	5/ 65,947	109,697	5/ 8,134	60,032	5/ 12.3	54.7
2002	5/ 75,238	118,822	5/ 7,872	62,964	5/ 10.5	53.0

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 in the Index Offenses total after 1998.

3/ 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

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/ Excludes arson.

Source: Department of the Attorney General, Crime Prevention and Justice Assistance Division, Uniform Crime Reports.

**Table 4.04-- ACTUAL OFFENSES KNOWN TO POLICE AND OFFENSES
CLEARED BY ARREST OR OTHERWISE, BY CLASS OF OFFENSE,
BY COUNTIES: 2002**

[Actual offenses include reported or known offenses, less unfounded cases.]

County	Actual offenses known to police		Number cleared by arrest or otherwise 1/		Percent cleared	
	Index 2/	Part II 3/	Index 2/	Part II 3/	Index 2/	Part II 3/
State total	75,238	118,822	7,872	62,964	10.5	53.0
Honolulu	57,271	70,347	4,979	39,619	8.7	56.3
Hawaii	6,936	18,987	1,569	13,695	22.6	72.1
Kauai	3,045	4,783	490	2,005	16.1	41.9
Maui	7,986	24,705	834	7,645	10.4	30.9

1/ Includes offenses committed in prior years.

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

3/ 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: Department of the Attorney General, Crime Prevention and Justice Assistance Division, Uniform Crime Reports.

Table 4.05-- ACTUAL INDEX OFFENSES KNOWN TO POLICE AND INDEX OFFENSES CLEARED BY ARREST OR OTHERWISE, FOR THE STATE AND OAHU: 2002

[Actual offenses include reported or known offenses, less unfounded cases]

Type of offense	Actual offenses known to police		Number cleared by arrest or otherwise 1/		Percent cleared	
	State total	Oahu only	State total	Oahu only	State total	Oahu only
All Index Offenses 2/	75,238	57,271	7,872	4,979	10.5	8.7
Murder	24	18	15	10	62.5	55.6
Forcible rape	372	304	202	165	54.3	54.3
Robbery	1,210	1,072	331	262	27.4	24.4
Aggravated assault	1,656	1,207	675	373	40.8	30.9
Burglary	12,722	8,932	858	400	6.7	4.5
Larceny-theft	49,344	37,250	5,019	3,305	10.2	8.9
Motor vehicle theft	9,910	8,488	772	464	7.8	5.5
Arson	527	429	34	24	6.5	5.6

1/ Includes offenses committed in prior years.

2/ Excludes arson in the All Index Offenses total.

Source: Department of the Attorney General, Crime Prevention and Justice Assistance Division, Uniform Crime Reports.

**Table 4.06-- PERSONS ARRESTED FOR INDEX AND PART II OFFENSES,
BY AGE AND SEX, AND BY COUNTIES: 2002**

Subject	State total	Honolulu	Hawaii	Maui	Kauai
INDEX OFFENSES 1/					
Total	8,919	6,437	1,057	892	533
Juveniles	2,499	1,828	307	195	169
Male	1,712	1,248	211	128	125
Female	787	580	96	67	44
Adults	6,420	4,609	750	697	364
Male	4,780	3,463	540	505	272
Female	1,640	1,146	210	192	92
PART II OFFENSES 2/					
Total	54,102	35,856	8,570	6,562	3,114
Juveniles	9,892	7,016	1,375	661	840
Male	5,453	3,775	811	387	480
Female	4,439	3,241	564	274	360
Adults	44,210	28,840	7,195	5,901	2,274
Male	35,014	23,104	5,589	4,584	1,737
Female	9,196	5,736	1,606	1,317	537

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: Department of the Attorney General, Crime Prevention and Justice Assistance Division, Uniform Crime Reports.

Table 4.07-- CHILD ABUSE AND NEGLECT REPORTS: 1973 TO 2002

[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
1973	1,079	499	1983	3,635	1,621	1993	4,753	2,411
1974	1,142	560	1984	4,388	2,180	1994	5,186	2,334
1975	914	423	1985	4,359	2,391	1995	4,984	2,317
1976	1,325	634	1986	4,900	2,629	1996	4,775	2,268
1977	1,794	841	1987	4,741	2,555	1997	5,235	2,531
1978	1,845	1,110	1988	3,893	2,315	1998	4,762	2,242
1979	2,290	1,109	1989	4,054	2,386	1999	5,962	2,935
1980	2,106	1,059	1990	4,407	2,392	2000	6,184	3,533
1981	2,360	1,137	1991	4,365	2,318	2001	7,210	3,930
1982	2,685	1,379	1992	4,568	2,485	2002	7,318	3,744

Source: Hawaii State Department of Human Services, Management Services Office, *A Statistical Report on Child Abuse and Neglect in Hawaii* (annual) <<http://www.state.hi.us/dhs>> accessed February 4, 2004.

**Table 4.08-- CHARACTERISTICS OF CHILD ABUSE AND NEGLECT
VICTIMS: 2001 AND 2002**

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

Subject	2001	2002
Total	3,665	3,566
Type 1/		
Physical abuse	522	469
Neglect	605	681
Medical neglect	71	82
Sexual abuse	272	241
Psychological abuse	163	120
Threatened harm	3,189	3,134
County		
Hawaii	690	709
Honolulu	2,483	2,361
Kauai	188	222
Maui	304	274
Victim characteristics		
Age (percent)		
Less than one year to 4 years	39.4	37.1
5 to 11 years	36.6	37.9
12 to 17 years	23.5	24.8
Unknown	0.5	0.4
Females (percent)	52.0	50.9
Race (percent)		
Hawaiian or part Hawaiian	42.7	42.9
Mixed	17.1	13.6
White	7.8	10.8
Filipino	6.8	6.6
Other 2/	12.3	11.9
Unknown/Unable to determine	13.3	14.6

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.state.hi.us/dhs>> accessed February 4, 2004.

Table 4.09-- VALUE OF PROPERTY REPORTED STOLEN AND VALUE OF STOLEN PROPERTY RECOVERED, BY CATEGORY: 1992 TO 2002

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
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

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, data from Uniform Crime Reports.

Source: Department of the Attorney General, Crime Prevention and Justice Assistance Division, Uniform Crime Reports.

**Table 4.10-- VALUE OF PROPERTY STOLEN AND VALUE OF STOLEN
PROPERTY RECOVERED, BY COUNTIES: 2002**

Subject	State total	Honolulu	Hawaii	Maui	Kauai
Value of property stolen (\$1,000)					
Motor vehicles	15,538.4	6,937.7	820.5	7,116.7	663.4
Other property	53,506.8	40,636.3	3,891.9	7,378.5	1,600.1
Value of stolen property recovered 1/ (\$1,000)					
Motor vehicles	11,478.1	4,573.3	490.6	5,808.0	606.1
Other property	2,192.4	1,282.7	106.0	754.3	49.4
Percent of value recovered					
Motor vehicles	73.9	65.9	59.8	81.6	91.4
Other property	4.1	3.2	2.7	10.2	3.1

1/ Annual data include prior years' stolen property recovered in current year.

Source: Department of the Attorney General, Crime Prevention and Justice Assistance Division, Uniform Crime Reports.

**Table 4.11-- CRIME RATES FOR THE UNITED STATES AND HAWAII:
2001 AND 2002**

[Offenses known to the police per 100,000 estimated population. Index 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		Hawaii rank 1/	
	2001	2002	2001	2002	2001	2002
All Index Offenses 2/	3/ 4,162.6	4,118.8	5,386.1	6,043.7	3	2
Violent crime	3/ 504.5	494.6	254.6	262.0	42	41
Property crime	3/ 3,658.1	3,624.1	5,131.5	5,781.7	2	2

1/ Out of 50 states, with highest crime rate ranking 1.

2/ Excludes arson.

3/ Revised from previous *Data Book* .

Source: Hawaii State Department of the Attorney General, Crime Prevention and Justice Assistance Division, records; U.S. Department of Justice, Federal Bureau of Investigation.

**Table 4.12-- AUTHORIZED POLICE PERSONNEL, BY COUNTIES:
DECEMBER 2003**

Year and status	State total	Honolulu	Hawaii	Kauai	Maui
Total	4,351	3,099	591	194	467
Sworn, active	2,957	2,056	406	143	352
Sworn, reserve	120	100	20	-	-
Training pool	401	375	23	3	-
Not sworn (civilian)	871	566	142	48	115
Police radio dispatcher	1/ 231	1/ 143	35	17	36
Other	2	2	-	-	-

1/ Excludes operators who handle 911 calls only.

Source: County police departments, records.

**Table 4.13-- COURTS, JUDGES, MAGISTRATES, AND ATTORNEYS:
2001 TO 2003**

[As of June 30]

Subject	2001	2002	2003
Federal judges and magistrates: 1/			
U.S. Bankruptcy Court	1	1	1
U.S. District Court	6	6	6
State justices and judges: 1/			
Supreme Court	5	5	5
Intermediate Court of Appeals	4	4	6
Circuit Courts 2/	31	31	31
Assigned to Family Court	3	3	3
District Courts 3/	37	39	39
Assigned to Family Court	15	17	17
Land Court	(4/)	(4/)	(4/)
Tax Appeal Court	(4/)	(4/)	(4/)
Attorneys licensed in Hawaii 5/	6,366	6,414	6,598
Active	4,159	4,201	4,304
Inactive	2,207	2,213	2,294

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.

5/ Data for all years include judges. The 2001 data are as of April 1, 2002; and the 2002 data are as of June 30, 2002; and the 2003 data are as of September 30, 2003.

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 4.14-- UNITED STATES DISTRICT COURT CASES:
2001 TO 2003**

[Fiscal year ending September 30]

Subject	2001	2002	2003
Civil cases:			
Commenced (filings)	838	841	769
Terminated	873	895	1,003
Pending 1/	1,082	2/ 1,024	790
Criminal cases:			
Commenced (filings)	472	447	616
Terminated	443	448	891
Pending 3/	499	2/ 861	586
Bankruptcy:			
Commenced (filings), total	4,975	4,684	3,908
Business	75	57	65
Nonbusiness	4,900	4,627	3,843
Terminated	4,552	4,819	4,110
Pending	2,903	2,768	2,566

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 1, 2002. However, no case with multiple defendants has been excluded unless all defendants in the case have been fugitives since before October 1, 2002. 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/judbususc/judbus.html>> accessed May 10, 2004.

**Table 4.15-- UNITED STATES BANKRUPTCY COURT CASES FILED
UNDER CHAPTER 7 AND CHAPTER 13 OF THE
BANKRUPTCY CODE: 1993 TO 2003**

[Based upon original chapter designation at the time the case is originally filed.
Table includes cases filed in 2003 which were on the caseload as of January 22, 2004]

Year	Chapter 7 1/			Chapter 13 2/		
	Total	Business	Personal	Total	Business	Personal
1993	1,351	126	1,225	80	10	70
1994	1,430	92	1,338	98	9	89
1995	1,843	111	1,732	140	10	130
1996	2,765	125	2,640	267	16	251
1997	3,956	124	3,832	454	19	435
1998	5,265	79	5,186	518	6	512
1999	4,882	59	4,823	500	6	494
2000	4,012	44	3,968	486	3	483
2001	4,497	39	4,458	506	2	504
2002	4,032	36	3,996	432	-	432
2003	3,293	39	3,254	459	2	457

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 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).

Source: United States Bankruptcy Court of the District of Hawaii, records.

**Table 4.16-- STATE JUDICIARY CASES FILED, BY TYPE OF ACTION:
2001 TO 2003**

[Fiscal years ending June 30]

Court and type of action	2001	2002	2003
Supreme Court 1/	3,295	3,272	3,056
Primary cases	606	561	502
Appeals	542	497	431
Original proceedings	64	64	71
Supplemental proceedings	2,689	2,711	2,554
Intermediate Court of Appeals 2/	339	422	395
Primary cases	224	260	229
Appeals	224	260	229
Supplemental proceedings	115	162	166
Circuit Courts Proper	13,070	12,595	11,952
Civil actions	5,497	4,770	4,133
Probate proceedings	1,132	1,384	1,357
Guardianship proceedings	372	339	325
Miscellaneous proceedings	1,363	1,258	1,134
Criminal actions	4,706	4,844	5,003
Part I offenses	1,820	2,002	2,252
Part II offenses	2,886	2,842	2,751
Family Courts	34,181	34,241	36,034
Marital actions and proceedings	5,651	5,710	5,672
Uniform reciprocal enforcement of support	415	511	396
Adoption proceedings	786	675	689
Parental proceedings	2,304	2,582	2,502
Domestic Abuse Protective Orders (Ch. 586)	4,027	4,623	5,121
Miscellaneous proceedings	2,540	2,477	2,404
Criminal actions	4,334	4,555	4,612
Children's referrals	14,124	13,108	14,638

Continued on next page.

**Table 4.16-- STATE JUDICIARY CASES FILED, BY TYPE OF ACTION:
2001 TO 2003 -- Con.**

Court and type of action	2001	2002	2003
District Court	485,889	511,544	499,941
Civil	21,990	20,888	19,451
Regular civil	16,289	16,552	15,993
Small claims	5,701	4,336	3,458
Traffic	406,609	435,859	421,775
Moving - arrest and citation	126,857	147,274	127,610
Non-moving	106,399	119,174	114,019
Parking	173,353	169,411	180,146
Other violations	2,803	3,336	3,925
Criminal actions	54,487	51,461	54,790
Part I offenses	5,602	5,385	5,731
Part II offenses	48,885	46,076	49,059

1/ Data exclude cases transferred to the Intermediate Court of Appeals: 223 in 2001, 258 in 2002, and 299 in 2003.

2/ Data exclude cases transferred back to the Supreme Court: 1 in 2001 and 2 in 2003.

Source: The Judiciary, State of Hawaii, records.

**Table 4.17-- STATE JUDICIARY CASES TERMINATED, BY TYPE OF ACTION:
2001 TO 2003**

[Fiscal years ending June 30]

Court and type of action	2001	2002	2003
Supreme Court 1/	3,145	3,233	3,058
Primary cases	465	520	481
Appeals	404	452	422
Original proceedings	61	68	59
Supplemental proceedings	2,680	2,713	2,577
Intermediate Court of Appeals 2/	305	369	388
Primary cases	197	204	222
Appeals	197	204	222
Supplemental proceedings	108	165	166
Circuit Courts Proper	11,310	11,685	12,220
Civil actions	5,645	5,525	4,549
Probate proceedings	723	899	965
Guardianship proceedings	175	113	188
Miscellaneous proceedings	834	1,047	2,191
Criminal actions	3,933	4,101	4,327
Part I offenses	1,517	1,599	1,819
Part II offenses	2,416	2,502	2,508
Family Courts	33,492	35,833	35,365
Marital actions and proceedings	5,935	6,803	5,755
Uniform reciprocal enforcement of support	763	862	402
Adoption proceedings	766	925	663
Parental proceedings	2,122	2,651	2,130
Domestic Abuse Protective Orders (Ch. 586)	4,289	4,607	5,145
Miscellaneous proceedings	2,310	2,631	2,106
Criminal actions	3,439	4,154	4,673
Children's referrals	13,868	13,200	14,491

Continued on next page.

**Table 4.17-- STATE JUDICIARY CASES TERMINATED, BY TYPE OF ACTION:
2001 TO 2003 -- Con.**

Court and type of action	2001	2002	2003
District Court	503,296	507,336	488,973
Civil	23,658	22,548	17,430
Regular civil	18,449	18,626	14,462
Small claims	5,209	3,922	2,968
Traffic	424,700	430,794	415,437
Moving - arrest and citation	129,723	146,403	128,141
Non-moving	109,450	116,670	108,976
Parking	185,527	167,721	178,320
Other violations	2,230	2,518	3,170
Criminal actions	52,708	51,476	52,936
Part I offenses	5,463	5,644	5,410
Part II offenses	47,245	45,832	47,526

1/ Data exclude cases transferred to the Intermediate Court of Appeals: 223 in 2001, 258 in 2002, and 229 in 2003.

2/ Data exclude cases transferred back to the Supreme Court: 1 in 2001 and 2 in 2003.

Source: The Judiciary, State of Hawaii, records.

**Table 4.18-- INMATES PRESENT IN STATE CORRECTIONAL FACILITIES:
ANNUAL AVERAGES, 1993 TO 2003**

[Mean head count for fiscal year ending June 30]

Year	Total 1/	Adult facilities 1/				Juvenile facilities 2/	
		Sentenced felons	Sentenced jail 3/	Not sentenced	Technical violators 4/	Boys	Girls
1993	5/ 2,824	1,480	294	647	297	58	6
1994	2,881	1,534	285	705	286	64	7
1995	3,039	1,537	246	805	368	67	16
1996	6/ 3,070	6/ 1,488	243	853	436	7/ 44	7/ 6
1997	6/ 3,450	6/ 1,557	343	994	498	50	8
1998	6/ 4,157	6/ 1,662	432	1,348	644	61	10
1999	6/ 3,811	6/ 1,456	438	1,163	667	60	27
2000	6/ 3,669	6/ 1,426	337	1,062	752	75	17
2001	6/ 3,855	6/ 1,687	318	974	801	58	17
2002	6/ 3,988	6/ 1,797	363	949	794	70	15
2003	6/ 3,943	6/ 1,809	430	867	751	69	17

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/ Includes "other jurisdiction" population (42). "Other jurisdiction" population include inmates who are the responsibility of the U.S. Marshals or the Immigration and Naturalization Services.

6/ For 1996, excludes 277 sentenced felons incarcerated in two Texas correctional facilities; for 1997 and 1998, excludes 600 sentenced felons incarcerated in three Texas correctional facilities; for 1999 through 2001, excludes sentenced felons incarcerated in four contracted out-of-state facilities; and for 2002 and 2003, excludes sentenced felons incarcerated in four contracted out-of-state facilities and jail inmates held in the Federal Detention Center.

7/ On September 5, 1995, a new secure facility with a ceiling of 30 beds was first occupied. Also, more use is being made of residential programs in the community.

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

Table 4.19-- MEDIAN AGES AND AVERAGE SENTENCES OF SENTENCED FELON POPULATION: 1993 TO 2003

[Years ended June 30. 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 sentences (months)		
	At admission	Currently as of June 30	Felons admitted		Felons released: time served
			Minimum	Maximum	
1993	32.3	34.1	40.2	119.5	34.3
1994	31.4	34.0	45.2	129.3	33.7
1995	32.3	34.4	46.1	110.0	38.8
1996	33.4	33.9	39.5	105.0	34.0
1997	33.3	34.3	51.2	2/ 106.0	38.9
1998	33.5	34.9	45.2	2/ 105.2	36.7
1999	33.7	31.9	47.6	2/ 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

NA Not available.

1/ For sentenced felon population on June 30.

2/ Average based on statutory maximum sentences for each offense grade.

Source: Hawaii State Department of Public Safety, Correctional Information System (CIS); Hawaii Paroling Authority, annual reports.

**Table 4.20-- HAWAII PAROLING AUTHORITY STATISTICAL SUMMARY:
2000 TO 2003**

[Fiscal year ending June 30]

Item	2000	2001	2002	2003
Number of parolees, June 30 1/	2,658	2,595	2,581	2,622
In Hawaii	1,950	1,818	1,789	1,982
Outside Hawaii 2/	383	420	423	396
In institution	106	112	106	103
Whereabouts unknown (cumulative)	219	245	263	141
Minimum imprisonment terms fixed	3,002	2,817	3,076	3,180
Number of persons for whom minimum terms fixed	883	893	898	907
Number of parole consideration hearings	1,853	1,753	1,798	1,908
Paroles tentatively granted	1,114	1,007	1,089	1,097
Paroles denied	633	645	644	750
Paroles deferred/continued	106	101	65	58
Escape	(NA)	-	-	3
Persons considered for parole	1,000	988	1,526	1,583
Parole violation hearings	535	584	541	550
Parole revoked	409	463	467	420
Continued on parole/deferred	126	121	74	130
Pardon investigations conducted	68	54	100	72
Persons recommended for pardon	38	(NA)	3/ 60	37
Discharges from parole	256	612	582	571
Full parole term before discharge	131	498	359	216
Early discharge approved	114	106	199	337
Deceased	11	8	24	18

NA Not available.

1/ Includes courtesy supervision to 40 interstate cases as of June 30, 2001 and June 30, 2002.

2/ Includes 165 Hawaii cases on reciprocal parole supervision on U.S. Mainland. Also includes 231 Hawaii cases that are on the U.S. Mainland or Foreign countries receiving some or no supervision but not suspended or absconded and the cases that are in protective custody.

3/ Revised from previous *Data Book*.

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: 2003*, Section 6.

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 DIFFERENTIALS BETWEEN HONOLULU AND
SELECTED CITIES**

City	June		December	
	Day	Hour	Day	Hour
Honolulu	Same	12:00 noon	Same	12:00 noon
Los Angeles	Same	3:00 p.m.	Same	2:00 p.m.
Denver	Same	4:00 p.m.	Same	3:00 p.m.
Houston	Same	5:00 p.m.	Same	4:00 p.m.
Chicago	Same	5:00 p.m.	Same	4:00 p.m.
Atlanta	Same	6:00 p.m.	Same	5:00 p.m.
Washington	Same	6:00 p.m.	Same	5:00 p.m.
New York	Same	6:00 p.m.	Same	5:00 p.m.
London	Same	11:00 p.m.	Same	10:00 p.m.
Singapore	Next	6:00 a.m.	Next	6:00 a.m.
Hong Kong	Next	6:00 a.m.	Next	6:00 a.m.
Manila	Next	6:00 a.m.	Next	6:00 a.m.
Tokyo	Next	7:00 a.m.	Next	7:00 a.m.
Sydney	Next	8:00 a.m.	Next	9:00 a.m.

Source: Verizon Hawaii, White Pages, *Oahu, August 2002*, pp. 20-21.

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-Marō Reef	155.5	250.3	12,300	3,749
Marō 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
Nihoa	3	5	3	5
Necker Island	2	3	2	3
French Frigate Shoals	6	10	6	10
Laysan Island	6	10	6	10
Lisianski Island	3	5	3	5
Kure Atoll	5	8	5	8

1/ Figures are lengths of general outline of seacoast. Data for the four islands of Maui County are not consistent with the reported county total.

2/ 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]

Unit	Total area	Land area	Water area
Square nautical miles	634,023	4,852	629,171
Square statute miles	839,623	6,425	833,198
Square kilometers	2,174,626	16,641	1/ 2,157,985

1/ Revised from previous *Data Book* .

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]

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

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

Source: U.S. Census Bureau, 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 ISLANDS

Island	Waterfall	Height (feet)		Horizontal distance (feet)
		Sheer drop	Cascade	
Hawaii	Kaluahine	...	620	400
	Akaka	442	...	...
	Waiilikahi	320	...	6
Maui	Honokohau	...	1,120	500
	Waihiumalu	...	400	150
Molokai	Kahiwa	...	1,750	1,000
	Papalaua	...	1,200	500
	Waialele	...	500	150
Oahu	Kaliuwaa (Sacred)	1/ 80	1,520	3,000
Kauai	Waipoo (2 falls)	...	800	600
	Awini	...	480	500
	Hinalele	280	...	...
	Wailua	200	...	...

1/ Refers to 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 ISLANDS

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	Palihea 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 ISLANDS

Island and lake	Type	Elevation (feet)	Area 1/ (acres)	Maximum depth (feet)
Hawaii:				
Green Lake	Lake	3	2	20
Lake Waiau 2/	Lake	13,020	2	10
Waiakea Pond	Tidal pond	(SL)	27	7
Maui:				
Kanaha Pond	Marsh	(SL)	41	3
Kealia Pond	Marsh	(SL)	500	(NA)
Waieleele	Pond	6,690	0.5	21
Molokai:				
Kauhako	Pool	(SL)	0.9	814
Kualapuu Reservoir	Reservoir	821	100	50
Meyer Lake	Impoundment	2,021	6-10	5
Oahu:				
Ho'omaluhia	Reservoir	202	90	90
Kaelepuu Pond	Lake	(SL)	198	(NA)
Kawainui Marsh	Marsh	(SL)	1,000	(NA)
Wahiawa Reservoir	Reservoir	842	302	85
Kauai:				
Nomilu Fishpond	Pond	(SL)	20	66
Waita Reservoir	Reservoir	241	424	23
Niihau:				
Halalii Lake	Playa	(SL)	841-865	(NA)
Halulu Lake	Playa	(SL)	182-371	(NA)
Laysan:				
Laysan Lagoon	Closed lagoon	(SL)	161	16

NA Not available.

SL Sea level.

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.

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	...	...	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

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: 1969 TO 2003

[Four volcanoes have erupted in historical times: Haleakala, last active around 1790; Hualalai, last active in 1800-1801; and Kilauea and Mauna Loa, both active in recent years and included in this table]

Volcano and date of outbreak	Repose period since previous eruption (months)	Duration (days)	Location 1/	Altitude of main vent (meters)	Area (square km.)	Volume (mil. cubic meters)
Mauna Loa:						
1975: July 5	301	<1	S	3,900	13.5	30.0
1984: March 25	104	22	S, ER	4,030-2,870	28.5	176.0
Kilauea:						
1969: Feb. 22	4.0	6	ER	930-870	6	16.1
May 24	2.0	874	ER	940	50	185.0
1971: Aug. 14	-	<1	C	1,100-1,080	3.1	9.1
Sept. 24	-	5	C, SWR	1,120-820	3.9	7.7
1972: Feb. 3	4.3	900	ER	940	46	162.0
1973: May 5	-	<1	ER	1,000-980	0.3	1.2
Nov. 10	-	30	ER	980-870	1	2.7
1974: July 19	-	3	C, ER	1,080-980	3.1	6.6
Sept. 19	2.0	<1	C	1,100	1	10.2
Dec. 31	3.4	<1	SWR	1,080	7.5	14.3
1975: Nov. 29	11.0	<1	C	1,080-1,060	0.3	0.2
1977: Sept. 13	21.5	18	ER	620-480	7.8	32.9
1979: Nov. 16	26.3	1	ER	980-960	0.3	0.6
1982: April 30	29.5	<1	C	1,080	0.3	0.5
Sept. 25	4.8	<1	C	1,080	0.8	3.0
1983: Jan. 3 2/	3.3	7,669	ER	900	116.9	2,600

1/ C, caldera; ER, east rift; S, summit; SWR, southwest rift.

2/ Revised from previous *Data Book*. As of December 2003, eruptions are still in progress. There have been 55 separate episodes that destroyed 186 residences.

Source: Gordon A. Macdonald, Agatin T. Abbott, and Frank L. Peterson, *Volcanoes in the Sea*, 2nd ed. (1983), pp. 64-65 and 80-81; U.S. Geological Survey, Hawaiian Volcano Observatory, records <http://hvo.wr.usgs.gov/kilauea/summary/Current_table.html> accessed May 4, 2004.

Table 5.18-- MAJOR EARTHQUAKES: 1838 TO 2003

[Includes all earthquakes with magnitudes of 6.0 or greater, 1838 to 1983, and 5.0 or greater, 1984 to 2002. 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	Hawaii	6.5
April 2	Hawaii	7.5
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	Hawaii	6.5
1938: January 23	N. of Pauwela Point, Maui	6.75
1940: June 17	Hawaii	6.0
1941: September 28	Hawaii	6.0
1950: May 30	Hawaii	6.25
1951: April 23	Hawaii	6.5
August 21	Hawaii	6.9
1952: May 23	Hawaii	6.0
1954: March 30	Hawaii	6.0
March 30	Hawaii	6.5
1961: September 25	Hawaii	5.75-6
1962: June 28	Hawaii	6.1
1973: April 26	Honolulu, Hawaii	6.2
1975: Nov. 29, 4:47 AM	Puna, Hawaii	7.2
1983: Nov. 16, 6:13 AM	S.E. flank of Mauna Loa	6.7
1984: June 8, 5:34 PM	80 miles S. of Honolulu	5.3
1986: April 26, 7:19 AM	28 miles N.E. of Maui	5.1
1987: Feb. 3, 4:22 PM	26 miles S. of Kahoolawe	5.0
1989: June 25, 5:27 PM	Kalapana area	6.1
1994: Feb. 1, 12:01 AM	Offshore, 12 miles S. of Kilauea	5.2
1997: June 30, 5:47 AM	5 miles W. of Kalapana	5.2
1999: April 16, 2:56 PM	4 miles N. of Pahala	5.6
2000: April 1, 8:18 PM	7 miles S.E. of Kilauea Summit	5.0
2003: August 26, 8:24 PM	6 miles N.W. of Kaena Point	5.0

Source: Augustine S. Furumoto, N. Norby Nielsen, and William R. Phillips, *A Study of Past Earthquakes, Iseismic 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; <<http://hvo.wr.usgs.gov/earthquakes/felt/currEQ.html>> accessed May 4, 2004.

**Table 5.19-- EARTHQUAKES WITH INTENSITIES ON OAHU OF
V OR GREATER: 1859 TO 2003**

Date	Epicentral location	Magnitude	Oahu average intensity (Modified Mercalli Scale 1/)
1861: Dec. 5	Molokai-Lanai vicinity (?)	(NA)	Mid V
Dec. 15	Molokai-Lanai vicinity (?)	(NA)	Lower V - mid V
1868: Apr. 2	SE coast of Hawaii	7.5	Upper IV - lower V
Apr. 4	Maui group vicinity (?)	(NA)	Lower V
1870: Aug. 7	Near Molokai	≥ 6	V
1871: Feb. 19	S coast of Lanai	7.0	Upper VI - lower VII
1881: Sep. 30	Maui vicinity	≥ 6	IV - V
1887: Jan. 13	Oahu vicinity	(NA)	V
1890: Aug. 6	Hawaii	(NA)	IV - V
1895: Dec. 8	Oahu vicinity (?)	(NA)	Mid V
1926: Mar. 19	N of Kohala, Hawaii	(NA)	Upper IV - lower V
1938: Jan. 22	N of Maui	6.8	Upper V - lower VI
1940: June 16	N of Hawaii	6.0	IV - V
1948: June 28	S coast of Oahu	4.8	Mid VI
1964: Oct. 11	Ka Lae, Hawaii	5.5	Upper IV - lower V
1973: Apr. 26	Hamakua coast, Hawaii	6.2	Mid V
1975: Nov. 29	Kalapana, Hawaii	7.2	V
1981: Mar. 5	Kalohi Channel	5.0	Mid V

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:
1819 TO 2003**

Date	Place of observation	Maximum height in Hawaii 1/		Deaths in Hawaii	Damage in Hawaii
		Meters	Feet		
1819: April 12 2/	W. Hawaii	2.0	7	-	Unknown
1837: Nov. 7	Hilo	6.0	20	16	200 houses
1841: May 17	Hilo	4.6	15	-	Unknown
1868: April 2	Ka'u	12.2	40	47	Great locally
Aug. 14	Hilo	4.6	15	-	Severe
1869: Aug. 24	S.E. Puna	9.1	30	-	Some
1877: May 10	Hilo	4.9	16	5	Severe; \$14,000
1878: Jan. 20	N. Oahu	3.0	10	-	Some houses
1896: June 15	Kona	9.1	30	-	Unknown
1906: Jan. 31	Hilo	3.6	12	-	None
Aug. 16	Maalaea	3.6	12	-	Some
1919: April 9	S. Kona	4.3	14	-	None
April 30	Ka'u	4.2	14	-	None
1922: Nov. 11	Hilo	2.1	7	-	Minor
1923: Feb. 4	Hilo	6.1	20	1	Severe; \$1,500,000
1924: May 30	Lanai	5.0	16	-	Great locally
1933: March 2	Kona	2.9	10	-	Some
1946: April 1	N.E. Hawaii	17.0	56	159	\$26,000,000
1952: Nov. 4	Hawaii	6.1	20	-	\$800,000-1,000,000
1957: March 9	Haena	16.0	52	1	\$5,000,000
1960: May 22	Hilo	10.5	34	61	\$23,000,000
1964: March 27	N. Oahu	4.8	16	-	\$67,590
1975: Nov. 29	Ka'u	14.6	48	2	\$1,500,000

1/ Data before 1946 are approximate and probably low in many cases.

2/ Earliest tsunami for which definite information exists. A tsunami observed at Ho'okena in 1813 or 1814 may have exceeded two meters.

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; U.S. Geological Survey, Hawaiian Volcano Observatory, records.

Table 5.21-- MAJOR DAMS: 2003

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	1906	88	660	9,200	7,761
Kualapuu Reservoir	Kualapuu, Molokai	Irrigation, water supply	1969	54	7,100	5,082	3,685
Ho'omaluhia Dam	Kaneohe, Oahu	Flood control, recreation	1980	76	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	113	600	2,540	1,070
Koloko Reservoir	Waiakalua, Kauai	Irrigation	1890	44	1,800	1,400	1,255
Kitano Reservoir	Kekaha, Kauai	Irrigation	1928	26	720	1,120	110
Kapaia Reservoir	Hanamaulu, Kauai	Irrigation	1910	45	1,050	1,114	1,105

Source: Hawaii State Department of Land and Natural Resources, Engineering Branch, Flood Control and Dam Safety, records.

Table 5.22-- FRESH WATER USE, BY TYPE, BY COUNTIES: 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. Department of the Interior, U.S. Geological Survey, Water Resources, records.

Table 5.23-- WATER SERVICES AND CONSUMPTION, FOR COUNTY WATERWORKS: 2001 TO 2003

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

Geographic area	Number of services			Consumption (million gallons)		
	2001	2002	2003	2001	2002	2003
State total	242,092	245,397	247,862	78,798	77,868	80,735
City and County of Honolulu	157,429	159,362	159,838	52,608	52,405	54,576
Honolulu District 1/	61,630	62,253	62,337	24,769	24,370	25,028
Rest of Oahu	95,799	97,109	97,501	27,839	28,035	29,548
Hawaii County	35,962	36,490	37,162	8,676	8,925	9,166
Kauai County	18,287	18,524	19,182	4,631	4,226	4,298
Maui County	30,414	31,021	31,680	12,883	12,312	12,695
Maui	28,872	29,451	30,102	12,546	11,997	12,357
Molokai	1,542	1,570	1,578	337	315	338

1/ Maunaloa to Moanalua.

Source: Data compiled by Hawaii State Department of Business, Economic Development & Tourism from City and County of Honolulu Board of Water Supply, County of Hawaii Department of Water Supply, County of Kauai Department of Water, and County of Maui Department of Water Supply.

Table 5.24-- WATER WITHDRAWALS AND CONSUMPTIVE USE, FOR THE UNITED STATES AND HAWAII: 1995

[In millions of gallons per day, except as noted. Withdrawal signifies water physically withdrawn from a source. Includes fresh and saline water]

Subject	U.S.	Hawaii
Water withdrawn:		
Total	401,500	1,930
Per capita (gal. per day, fresh)	1,280	853
Source:		
Ground water	77,500	531
Surface water	324,000	1,400
Selected major uses:		
Irrigation	134,000	652
Public supply	43,600	218
Industrial	26,200	20
Thermo-electric	190,000	970
Consumptive use, 1/ fresh water	100,000	542

1/ Water that has been evaporated, transpired, or incorporated into products, plant or animal tissue; and therefore, is not available for immediate reuse.

Source: U.S. Geological Survey, as cited in U.S. Census Bureau, *Statistical Abstract of the United States: 2001*, table 352.

**Table 5.25-- TOP 25 WATER USERS ON OAHU:
MAY 2002 TO APRIL 2003**

[Monthly average gallons, in thousands]

Service holder	Consumption
Marine Base in Kaneohe	56,945
Chevron USA Inc.	49,116
State Department of Transportation, Aolele St.	23,824
University of Hawaii	16,716
State Department of Transportation, Paiea St.	13,324
Hilton Hawaiian Village, 2003 Kalia Road	12,837
Sheraton Hawaii Corp.	11,593
Hale Koa Hotel	10,940
Hawaii Kai Golf Course	10,935
Honolulu Zoo	10,419
Halawa Prison	10,026
Kapiolani Park	8,577
Hyatt Regency Waikiki	7,873
Magic Island	7,620
City Department of Environmental Services, 1614 Sand Island Road	7,416
Hilton Hawaiian Village, 2005 Kalia Road	6,870
United Laundry Service	6,776
Ihilani Resort	6,676
Ala Wai Golf Course	6,420
Ala Moana Hotel	6,242
American Linen	5,839
Mid-Pacific Country Club	5,660
Halekulani Hotel	5,585
Hawaiian Cement	5,431
Keehi Lagoon	5,200

Source: The Honolulu Advertiser, August 7, 2003.

Table 5.26-- HAZARDOUS WASTE SITES: 1997 TO 2002

[As of December 31. Includes both proposed and final sites listed on the National Priorities List for the Superfund Program]

Subject	1997	1998	1999	2000	2001	2002
Number of sites	4	4	4	3	3	1/ 3
Rank (among the 50 states)	45	45	45	45	46	46

1/ The United States total was 1,278 sites, including one site in the District of Columbia.

Source: U.S. Environmental Protection Agency, as cited in U.S. Census Bureau, *Statistical Abstract of the United States* for 1998 (table 407), 1999 (table 414), 2000 (table 402), 2001 (table 365), 2002 (table 357) and 2003 (table 381).

**Table 5.27-- WATER QUALITY AT PUBLIC BEACHES, BY ISLANDS:
2002 AND 2003**

Island	Number of locations	Number of samples	Enterococci density 1/			
			Lowest 2/	Highest 3/	Number over 7	Mean 4/
2002						
State total	51	1,974	0.4	34.7	8	3.0
Hawaii	11	320	0.4	18.1	2	2.9
Hilo Shoreline	6	180	0.4	18.1	2	4.9
Kona Shoreline	5	140	0.9	3.6	-	1.5
Maui	14	418	0.7	11.2	1	1.8
Lanai	-	-	(X)	(X)	(X)	(X)
Molokai	-	-	(X)	(X)	(X)	(X)
Oahu	15	702	1.3	25.9	2	3.4
Kauai	11	534	0.9	34.7	3	3.8
2003						
State total	76	2,183	0.3	399.3	15	3.3
Hawaii	24	461	0.3	22.3	5	3.0
Hilo Shoreline	11	233	0.3	22.3	4	5.0
Kona Shoreline	13	228	0.8	19.0	1	1.8
Maui	11	472	1.1	12.5	1	2.8
Lanai	-	-	(X)	(X)	(X)	(X)
Molokai	-	-	(X)	(X)	(X)	(X)
Oahu	24	709	1.1	45.8	3	3.3
Kauai	17	541	0.6	399.3	6	4.4

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 average value in 2002 was reported at Kailua Pier Station A-1 and Anaehoomalu Bay on the island of Hawaii and Barking Sands on the island of Kauai. The lowest average value in 2003 was reported at Hilo Bay (Offshore) on the island of Hawaii.

3/ The highest average value in 2002 was that reported for Hanamaulu Beach on Kauai. The highest average value in 2003 was that reported for End of Weke Road (Hanalei River) on Kauai.

4/ Not weighted by number of samples.

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

**Table 5.28-- WATER QUALITY AT SELECTED PUBLIC BEACHES:
2002 AND 2003**

Island and beach	Number of samples		Enterococci density 1/	
	2002	2003	2002	2003
Hawaii:				
Hapuna Beach	-	11	(X)	1.5
Kahaluu Beach	35	34	1.9	2.1
Kealakekua Bay (off curio stand)	-	-	(X)	(X)
Hilo Bay (Mooheau Park)	-	-	(X)	(X)
Spencer Beach Park	-	11	(X)	4.3
Maui:				
Kapalua (Fleming) Beach (north)	-	-	(X)	(X)
Kihei (north)	-	-	(X)	(X)
Makena Beach	-	-	(X)	(X)
Seven Pools	-	-	(X)	(X)
Sheraton Kaanapali (shoreline)	-	-	(X)	(X)
Lanai:				
Hulopoe Bay	-	-	(X)	(X)
Molokai:				
Kaunakakai Harbor	-	-	(X)	(X)
Oahu:				
Ala Moana Park (center)	-	-	(X)	(X)
Ewa Beach Park	49	39	2.4	1.9
Haleiwa Beach	51	49	4.3	3.3
Hanauma Bay	49	48	1.3	3.9
Kailua Beach Park	52	48	3.5	2.1
Kuhio Beach	51	50	5.0	6.6
Makaha Beach	-	8	(X)	1.1
Waimea Beach	-	9	(X)	2.2
Kauai:				
Anini Park Pavilion	48	35	2.8	2.5
Kalapaki Beach (middle)	51	47	11.9	21.1
Kekaha (Oomano Point)	-	14	(X)	1.8
Poipu Beach Pavilion	49	49	1.8	2.1
West of Lydgate Park (wading pool)	49	51	4.2	3.8

X Not applicable.

1/ Geometric mean, number per 100 ml. The geometric mean standard for Enterococci density is 7 per 100 ml.

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

**Table 5.29-- REFUSE AND SEWAGE STATISTICS FOR OAHU:
1991 TO 2003**

[Years ended June 30]

Year	Tons of municipal solid waste delivered 1/			Sewage treated 2/ (millions of gallons)
	Total	City and County refuse vehicles	Other vehicles	
1991	1,015,842	293,857	721,985	44,484
1992	1,049,647	331,269	718,378	42,705
1993	1,023,113	322,901	700,212	42,415
1994	1,017,367	331,602	685,765	42,756
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	3/ 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

Year	Sewage pumped 2/ (millions of gallons)	Miles of sewers 2/	City and County pump stations	City and County treatment plants
1991	52,849	1,859	64	13
1992	53,290	1,890	65	12
1993	52,480	1,914	67	11
1994	53,298	1,945	69	8
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	4/ 2,205	65	8

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/ Revised from previous *Data Book*.

4/ GIS editing for more accurate dimensions resulted in a reduction of lateral length.

Source: City and County of Honolulu, Department of Environmental Services.

Table 5.30-- AIR QUALITY IN DOWNTOWN HONOLULU: 1988 TO 2003

[Annual arithmetic means, in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), for particulate matter 10 microns or less in diameter (PM_{10}) and in parts per million (ppm) for carbon monoxide (CO). Sampling is conducted about 46 feet above ground on the roof of the State Health Department building (Kinau Hale), 1250 Punchbowl Street, Honolulu, Hawaii]

Year	PM_{10} ($\mu\text{g}/\text{m}^3$) 1/	CO (ppm) 2/	Year	PM_{10} ($\mu\text{g}/\text{m}^3$) 1/	CO (ppm) 2/
1988	-	1.7	1996	14	0.8
1989	-	1.8	1997	8	0.8
1990	-	1.5	1998	9	0.8
1991	-	1.7	1999	14	0.6
1992	-	1.6	2000	14	0.7
1993	13	1.8	2001	16	0.6
1994	14	0.8	2002	15	0.6
1995	14	0.8	2003	15	0.6

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

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.

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

Table 5.31-- AIR QUALITY AT SPECIFIED LOCATIONS: 2003

[24-hour average, in micrograms per cubic meter]

Sampling station	PM ₁₀ 1/			Sulfur dioxide 2/		
	Annual range		Annual arithmetic average	Annual range		Annual arithmetic average
	Minimum	Maximum		Minimum	Maximum	
Oahu:						
Downtown Honolulu	5	3/ 47	15	-	17	1
Liliha	5	3/ 81	16	(NA)	(NA)	(NA)
Pearl City	1	3/ 99	15	(NA)	(NA)	(NA)
Kapolei	5	3/ 99	14	-	9	1
Makaiwa	(NA)	(NA)	(NA)	-	18	3
West Beach 4/	6	33	16	-	4	0.2
Waimanalo 4/	3	31	17	(NA)	(NA)	(NA)
Kauai:						
Lihue 4/	5	31	16	(NA)	(NA)	(NA)

NA Not available.

1/ The State and Federal Ambient Air Standard for 24-hr PM₁₀ is 150 $\mu\text{g}/\text{m}^3$.

2/ The State and Federal Ambient Air Standard for 24-hr SO is 365 $\mu\text{g}/\text{m}^3$.

3/ Probably due to New Year's fireworks.

4/ Manual PM₁₀ 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 5.32-- TOXICS RELEASE INVENTORY:
REPORTING YEARS 1999 AND 2000**

[On-site and off-site releases in thousands of pounds]

Industry sector and facility	Release 1/	
	1999	2000
Sector		
Electricity generators	2,116	713
Petroleum bulk terminals	58	59
Chemical wholesalers	.005	.005
Top four facilities		
Hawaiian Electric Company, Inc., Kahe Generating Station	852	319
Hawaiian Electric Company, Inc., Hill Generating Station	280	180
Chevron Hawaii	162	161
Hawaiian Electric Company, Inc., Waiiau Generating Station	337	107

1/ Release is defined as the amount of a toxic chemical released on site (to air, water, underground injection, landfills and other land disposal), and the amount transferred off-site for disposal.

Source: U.S. Environmental Protection Agency, *Toxics Release Inventory* (annual). Hawaii State Department of Health, Environmental Management Division, Clean Air Branch.

**Table 5.33-- ATMOSPHERIC CARBON DIOXIDE MEASUREMENTS AT
MAUNA LOA: ANNUAL MEAN VALUES, 1958 TO 2003**

[Parts per million]

Year	Annual average	Year	Annual average	Year	Annual average
1958	1/ 315.17	1973	329.45	1988	351.34
1959	315.83	1974	1/ 329.72	1989	352.89
1960	316.75	1975	2/ 331.14	1990	354.26
1961	317.49	1976	332.04	1991	355.45
1962	318.30	1977	333.79	1992	356.58
1963	318.83	1978	335.35	1993	357.01
1964	3/ 319.04	1979	336.73	1994	358.51
1965	319.87	1980	338.72	1995	360.62
1966	321.21	1981	340.12	1996	362.40
1967	322.02	1982	341.21	1997	363.54
1968	322.83	1983	342.87	1998	366.61
1969	323.93	1984	344.48	1999	368.33
1970	325.27	1985	345.85	2000	369.62
1971	326.17	1986	347.21	2001	371.20
1972	327.26	1987	348.98	2002	4/ 372.99
				2003	375.81

1/ Based on data for 8 months.

2/ Based on data for 11 months.

3/ Based on data for 9 months.

4/ Revised from previous *Data Book*.

Source: National Weather Service, Pacific Region, Honolulu (for 1958-1991); Mauna Loa Observatory (for 1992-1999); U.S. Department of Commerce, National Oceanic and Atmospheric Administration, Oceanic and Atmospheric Research, Climate Monitoring and Diagnostics Laboratory, records.

Table 5.34-- TEMPERATURES AND PRECIPITATION FOR SELECTED PLACES

[Updated through May 2004]

Island and station	Ground elevation (feet)	Average temperature 1/ (°F)		Extreme temperature of record (°F)		Average annual precipitation (inches)
		Coolest month	Warmest month	Lowest	Highest	
Hawaii:						
Hilo Airport	30	66.3	81.2	53	94	2/ 126.27
Hawaii Volcanoes Nat. Park Hdq.	3,971	52.6	69.0	34	89	2/ 107.34
Naalehu	800	65.8	79.3	50	93	2/ 47.12
Kailua	30	64.1	77.0	2/ 51	88	2/ 122.90
Puako 3/	5	68.3	83.8	52	92	9.09
Waimea (Kamuela)	2,670	66.7	84.3	34	94	2/ 20.75
Honokaa	1,080	67.6	75.5	(NA)	(NA)	2/ 85.12
Mauna Kea summit 4/	13,796	31.3	42.5	11	66	(NA)
Maui:						
Hana Airport	75	67.2	80.8	50	94	2/ 79.90
Haleakala summit 5/	10,025	38.9	54.6	14	73	36.52
Kihei 6/	85	70.9	78.4	49	98	2/ 12.63
Kahului Airport	40	67.4	83.7	48	97	2/ 18.80
Lahaina 7/	45	65.9	84.8	52	97	13.77
Molokai:						
Kaunakakai	12	(NA)	(NA)	(NA)	(NA)	2/ 10.69
Molokai Airport	450	67.4	80.9	46	96	2/ 24.64
Lanai:						
Lanai City	1,620	2/ 61.5	75.1	47	89	2/ 34.32

Continued on next page.

Table 5.34-- TEMPERATURES AND PRECIPITATION FOR SELECTED PLACES -- Con.

Island and station	Ground elevation (feet)	Average temperature 1/ (°F)		Extreme temperature of record (°F)		Average annual precipitation (inches)
		Coolest month	Warmest month	Lowest	Highest	
Oahu:						
Honolulu International Airport	7	70.1	83.9	52	2/ 96	2/ 18.29
Waikiki (Honolulu Zoo)	10	68.9	84.6	46	95	2/ 22.23
Manoa (Lyon Arboretum)	500	66.4	79.2	49	96	2/ 152.14
Kaneohe (State Hospital)	200	70.9	83.0	2/ 58	96	2/ 50.93
Kahuku 8/	15	68.9	80.8	51	99	40.86
Wheeler AFB 9/	820	68.2	75.5	52	89	38.46
Kauai:						
Kilauea (town)	320	65.6	2/ 78.1	50	2/ 90	2/ 68.85
Lihue Airport	103	69.7	81.1	50	90	2/ 39.57
Poipu (Makahuena Pt.) 5/	50	69.3	82.6	50	95	34.35
Kekaha 10/	9	64.5	84.8	44	95	20.66
Kokee (Kanalohuluhulu)	3,600	51.1	67.4	29	90	2/ 62.11
Northwestern Hawaiian Islands:						
Midway 11/	10	65.0	78.6	52	89	44.00

Continued on next page.

Table 5.34-- 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 1976.
- 6/ Temperature data available through 1953, refer to Puunene Airport.
- 7/ Data available through 2001.
- 8/ Data available through 1975.
- 9/ Data available through 1949.
- 10/ Data available through 2000.
- 11/ 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 5.35-- ENVIRONMENTAL INDICATORS: 1998 TO 2002

Indicator	Unit	1998	1999	2000	2001	2002
Electric utility sales	Mil. kWh	9,261	9,380	9,690	1/ 9,854	10,049
Total energy used	Tril. BtU	302.9	308.0	325.2	304.4	306.1
Greenhouse gas emissions	Mil. Tons 2/	20.6	1/ 20.7	1/ 20.8	1/ 20.3	20.4
Fossil fuel used	Tril. BtU	284.0	287.0	305.7	289.6	288.9
Municipal water consumption 3/	Mil. gal	73,301	1/ 76,631	76,401	78,748	77,868
Wastewater treatment and reuse 4/	Percent	11.3	13.0	13.5	13.3	16.0
Solid waste produced 4/	1,000 tons	2,004	1,884	1,794	1,971	1,705
Hazardous waste generated 4/	Tons	(NA)	1,456	(NA)	1/ 781	(NA)
Rare plant species	Number	600	588	588	588	(NA)
Beaches posted as unsafe due to pollution	Days	13	26	1/ 16	1/ 20	36
Oil and chemical spills 4/	Number	530	526	466	442	(NA)
Safe drinking water 5/	% population served	99.8	99.7	98.8	100.0	(NA)
Environmental expenditures 3/	\$ millions	60	69	69	51	64
Noise complaints	Number	427	372	536	523	455
Bikeways	Miles	140.9	179.7	181.1	206.8	208.0
Bus boardings (Oahu)	Millions	71.8	66.2	66.6	70.4	73.5

NA Not available.

1/ Revised from previous *Data Book*.

2/ Carbon dioxide equivalent.

3/ Fiscal year ended June 30.

4/ Fiscal year ended September 30.

5/ Fiscal year ended September 30. Below 1994 maximum microbiological and chemical contaminant levels.

Source: The Environmental Council, State of Hawaii, *Environmental Report Card, 2003*, pp. 19-38.

**Table 5.36-- CLIMATIC NORMALS, MEANS, AND EXTREMES FOR HILO,
KAHULUI, HONOLULU, AND LIHUE AIRPORTS**

Subject	Hilo	Kahului	Honolulu	Lihue
Normal temperatures (°F):				
Daily maximum	81.0	84.3	84.7	81.1
Daily minimum	66.7	67.3	70.2	70.3
Monthly: Coolest month 1/	71.4	71.8	73.0	71.7
Warmest month 1/	76.3	79.5	81.8	79.7
Annual 1/	73.9	75.8	77.4	75.7
Extreme temperatures (°F):				
Record highest	94	97	95	90
Record lowest	53	48	53	50
Normal cooling degree days 2/	3,228	3,936	4,561	3,920
Precipitation (inches):				
Normal	126.27	18.80	18.29	39.57
Maximum monthly	50.82	14.46	20.79	22.91
Minimum monthly	0.13	0.00	T	T
Maximum in 24 hours	27.36	7.01	17.07	11.54
Normal relative humidity (percent)	79	3/ 73	69	75
Wind speed (m.p.h.):				
Mean	7.4	14.1	11.4	12.8
Maximum 2-minute	35	41	36	40
Percent of possible sunshine	40	67	71	58
Number of days:				
Mean				
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
Thunderstorms	9.7	4.0	6.8	7.8
Normal				
Precipitation .01 inch or more	274.8	98.7	93.0	197.6
Temperature maximum 90° and above	1.2	25.9	35.5	0.3

T Trace amount.

1/ Normal dry bulb (temperature of the ambient air).

2/ Difference between the average daily temperature and 65° F.

3/ 2002 data.

Source: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Climatic Data Center, *Local Climatological Data, Annual Summary with Comparative Data, 2003*, "Normals, Means, and Extremes", for Hilo, Kahului, Honolulu, and Lihue (annual).

Table 5.37-- MONTHLY AND ANNUAL CLIMATIC DATA FOR HONOLULU INTERNATIONAL AIRPORT: 2003

Month	Normal temperature (°F)			Extreme temperature (°F)		Precipitation (inches)			
	Daily maximum	Daily minimum	Monthly 1/	Highest daily maximum	Lowest daily minimum	Normal total	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	T	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	3.08	T	2.35
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	77.4	95	53	18.29	20.79	T	17.07

Continued on next page.

Table 5.37-- MONTHLY AND ANNUAL CLIMATIC DATA FOR HONOLULU INTERNATIONAL AIRPORT: 2003 --
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	9.4	36	65	9.5	8.5	8.8
February	79	59	10.1	33	68	8.1	7.6	7.9
March	73	57	11.3	31	72	7.4	9.3	9.0
April	70	55	11.6	35	70	5.9	9.6	8.6
May	67	54	11.6	26	72	6.7	8.7	7.3
June	66	52	12.6	30	74	6.5	6.2	5.8
July	68	52	13.4	30	76	7.4	5.1	7.2
August	68	52	13.0	31	77	8.0	5.7	5.4
September	70	53	11.4	30	77	7.9	5.7	6.9
October	71	56	10.7	29	71	7.5	8.1	7.3
November	75	59	10.8	30	64	7.2	8.8	9.1
December	79	60	10.6	35	63	7.9	8.7	9.7
Annual	72	56	11.4	36	71	90.0	92.0	93.0

T Trace amount.

1/ Dry bulb is the temperature of the ambient air.

Source: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Climatic Data Center, *Local Climatological Data, Annual Summary With Comparative Data, 2003*, "Normals, Means, and Extremes, Honolulu" (annual).

Table 5.38-- AVERAGE TEMPERATURE, PERCENT OF POSSIBLE SUNSHINE, AND PRECIPITATION, FOR HONOLULU INTERNATIONAL AIRPORT: 1950 TO 2003

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	1978	76.8	69	25.05
1951	76.3	(NA)	39.73	1979	77.0	68	16.93
1952	75.4	(NA)	10.65				
1953	75.9	71	9.97	1980	77.5	68	26.90
1954	75.8	68	27.30	1981	77.1	68	13.41
1955	74.5	62	37.86	1982	76.9	67	34.92
1956	75.9	69	21.23	1983	77.2	67	5.03
1957	76.0	72	24.22	1984	78.1	67	17.08
1958	75.3	70	35.02	1985	76.9	67	17.38
1959	76.7	70	14.14	1986	78.3	68	13.93
				1987	77.9	68	23.53
1960	76.7	70	12.07	1988	78.5	68	16.47
1961	77.2	81	14.26	1989	77.5	68	27.52
1962	76.5	71	13.58				
1963	76.7	64	37.91	1990	77.6	69	19.84
1964	77.0	63	20.12	1991	77.7	69	17.94
1965 1/	76.1	74	42.78	1992	77.8	69	19.00
1966 1/	77.6	68	23.18	1993	77.1	69	5.84
1967 1/	77.6	58	34.34	1994	78.8	70	15.59
1968 1/	77.9	63	37.26	1995	79.3	70	13.60
1969 1/	77.4	68	22.50	1996	78.6	70	33.12
				1997	77.8	71	19.99
1970 1/	78.2	72	15.49	1998	77.1	71	4.52
1971 1/	76.1	70	26.64	1999	76.9	71	11.99
1972	76.2	65	26.94				
1973	77.2	63	14.24	2000	77.6	71	7.10
1974	77.5	61	24.02	2001	78.2	71	9.14
1975	76.2	62	24.39	2002	77.9	71	12.18
1976	76.8	60	12.90	2003	78.5	71	12.69
1977	78.2	68	12.36				

1/ 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, Honolulu*, "Average Temperature (°F), Honolulu", "Normals, Means, and Extremes, Honolulu", "Precipitation (inches), Honolulu" (annual).

Table 5.39-- AVERAGE DAILY TEMPERATURE AND DAYS WITH MAXIMUM OF 90° OR HIGHER, FOR HONOLULU INTERNATIONAL AIRPORT: 1971 TO 2003

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

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

**Table 5.40-- CLIMATIC DATA FOR HONOLULU INTERNATIONAL AIRPORT:
1990 TO 2003**

Year	Average temperature (°F) 1/			Extreme temp. (°F)		Precipitation (inches)
	Annual	Coolest month	Warmest month	Lowest	Highest	
1990	77.6	71.5	82.3	57	93	19.84
1991	77.7	72.4	82.4	55	93	17.94
1992	77.8	72.9	82.2	58	92	19.00
1993	77.1	70.9	81.3	54	93	5.84
1994	78.8	72.0	84.3	56	95	15.59
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

Year	Relative humidity (percent)		Wind speed (miles/hour)		Percent of possible sunshine	Days with precipitation .01 inch or more
	8 a.m.	2 p.m.	Annual average	Peak gust		
1990	69	54	11.2	46	69	109
1991	69	53	10.0	39	69	86
1992	71	55	9.5	49	69	98
1993	70	53	10.9	46	69	76
1994	72	55	11.9	51	70	80
1995	74	57	10.7	41	70	81
1996	73	56	9.6	40	70	106
1997	80	57	10.0	41	71	105
1998	72	56	11.0	(NA)	71	74
1999	73	57	11.0	(NA)	71	94
2000	75	60	10.9	(NA)	71	67
2001	73	58	11.3	(NA)	71	84
2002	72	58	10.2	(NA)	71	64
2003	71	56	10.5	(NA)	71	87

NA Not available.

1/ Normal dry bulb (temperature of the ambient air).

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

Table 5.41-- CLIMATIC DATA FOR THE PERIOD OF RECORD

Subject	Date	Place	Magnitude
Long-term averages: Lowest monthly average minimum temp. (°F) Lowest monthly average daily temp. (°F) Highest monthly average maximum temp. (°F) Highest monthly average daily temp. (°F) Lowest average annual rainfall (inches) Highest average annual rainfall (inches)	February February September September	Mauna Kea summit Mauna Kea summit Kawaihae 1/ Kawaihae 1/ Kawaihae Waialeale	23.5 31.3 91.9 80.8 8.7 444
Single events: Lowest temperature of record (°F) Highest temperature of record (°F) Lowest annual rainfall of record (inches) Highest annual rainfall of record (inches) Highest wind speed of record (m.p.h.)	Jan. 20, 1970 April 27, 1931 1953 1982 Sept. 11, 1992	Mauna Kea summit 2/ Pahala Kawaihae Waialeale Makahuena Pt. 3/	1.4 100 0.2 666 143

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 15, 1995.

**Table 5.42--RAINFALL AT SPECIFIED LOCATIONS: ANNUALLY,
1992 TO 2003**

[In inches]

Year	Hawaii				Maui		
	Hilo Airport	Lalamilo	Kona Village	Naalehu	Kahului Airport	Kihei	Lahaina
1992	108.83	12.72	9.90	40.57	16.98	11.03	9.73
1993	114.49	20.67	5.91	40.56	12.69	5.82	11.76
1994	182.81	11.87	4.62	63.34	13.93	5.61	8.02
1995	85.92	6.04	5.72	26.55	13.45	8.21	6.30
1996	120.21	25.35	24.70	59.07	31.00	22.32	22.81
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)

Year	Oahu				Kauai		
	Waikiki	University of Hawaii	Nuuanu Res. 4	Kane-ohe	Koloa	Lihue Airport	Princeville
1992	17.60	35.00	118.58	60.14	52.53	50.17	75.78
1993	16.92	24.14	81.62	34.55	52.98	22.27	48.02
1994	20.16	33.68	125.48	52.36	60.73	32.99	72.15
1995	12.25	20.98	99.26	42.25	56.76	46.57	86.94
1996	29.96	42.11	116.76	62.45	48.81	56.14	85.53
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

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 5.43-- MAJOR HURRICANES: 1950 TO 2003

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 5.44-- TRADE WINDS, HIGH SURF, AND TEMPERATURES IN
HAWAIIAN WATERS, BY MONTHS**

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 5.45-- SUNRISE, SUNSET, AND HOURS OF DAYLIGHT AT
SELECTED LOCATIONS, AT BEGINNING OF EACH SEASON: 2004**

[Hawaiian Standard Time]

Subject	Hilo	Kahului	Honolulu	Lihue
Sunrise (a.m.):				
March 20	6:24	6:29	6:35	6:41
June 21	5:42	5:46	5:50	5:55
Sept. 22	6:09	6:15	6:20	6:26
Dec. 21	6:51	6:58	7:05	7:12
Sunset (p.m.):				
March 20	6:32	6:37	6:43	6:49
June 21	7:02	7:10	7:16	7:24
Sept. 22	6:16	6:21	6:27	6:33
Dec. 21	5:47	5:50	5:55	6:00
Hours of daylight:				
March 20	12:08	12:08	12:08	12:08
June 21	13:20	13:24	13:26	13:29
Sept. 22	12:07	12:06	12:07	12:07
Dec. 21	10:56	10:51	10:50	10:48

Source: U.S. Naval Observatory, Tables of Sunrise and Sunset
 <http://aa.usno.navy.mil/data/docs/RS_OneYear.html#form> and
 <<http://aa.usno.navy.mil/data/docs/EarthSeasons.html>> accessed April 17, 2002.

**Table 5.46-- SUNRISE, SUNSET, AND HOURS OF DAYLIGHT AT
SELECTED LOCATIONS, AT BEGINNING OF EACH SEASON: 2005**

[Hawaiian Standard Time]

Subject	Hilo	Kahului	Honolulu	Lihue
Sunrise (a.m.):				
March 20	6:24	6:30	6:35	6:41
June 21	5:43	5:46	5:50	5:55
Sept. 22	6:09	6:15	6:20	6:26
Dec. 21	6:50	6:58	7:05	7:12
Sunset (p.m.):				
March 20	6:32	6:37	6:43	6:49
June 21	7:02	7:10	7:16	7:24
Sept. 22	6:16	6:22	6:27	6:33
Dec. 21	5:47	5:50	5:55	6:00
Hours of daylight:				
March 20	12:08	12:07	12:08	12:08
June 21	13:19	13:24	13:26	13:29
Sept. 22	12:07	12:07	12:07	12:07
Dec. 21	10:57	10:52	10:50	10:48

Source: U.S. Naval Observatory, Tables of Sunrise and Sunset
 <http://aa.usno.navy.mil/data/docs/RS_OneYear.html#form> and
 <<http://aa.usno.navy.mil/data/docs/EarthSeasons.html>> accessed August 27, 2003.

**Table 5.47-- HAWAII AUDUBON SOCIETY BIRD COUNTS OF MAJOR SPECIES
IN THE HONOLULU AREA: 1999 TO 2002**

[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	1999	2000	2001	2002
Endemic species: 1/				
'Apapane	43	8	18	30
Hawaiian Moorhen 2/	3/ -	16	19	6
Hawaiian Stilt 2/	151	148	139	146
Oahu 'Amakihi	38	16	55	71
Oahu 'Elepaio	13	16	14	15
Indigenous species: 4/				
Black-crowned Night Heron	38	49	70	61
Brown Booby	11	2	16	7
Great Frigatebird	9	24	34	212
Laysan Albatross	4	3	5	6
Red-footed Booby	969	850	1,085	1,138
White Tern	5	14	22	3
Alien species: 5/				
Cattle Egret	172	140	158	253
Common Myna	1,732	1,647	2,124	2,600
Common Waxbill	713	711	524	862
House Finch	187	265	425	874
House Sparrow	463	394	475	463
Japanese White-eye	6/ 537	430	713	938
Java Sparrow	2,515	2,133	2,012	1,121
Northern Cardinal	95	76	111	105
Nutmeg Mannikin	220	32	48	103
Red-billed Leiothrix	151	87	151	192
Red-crested Cardinal	198	199	299	218
Red-vented Bulbul	1,543	1,089	1,146	2,270
Red-whiskered Bulbul	162	139	298	226
Rock Dove	305	220	219	327
Spotted Dove	1,238	1,121	1,307	1,930
White-rumped Shama	97	101	102	116
Yellow-fronted Canary	163	94	23	37
Zebra Dove	3,956	3,381	3,474	3,894
Visitor species: 7/				
Mallard	8	50	139	99
Pacific Golden-Plover	894	922	1,075	1,585
Ruddy Turnstone	256	326	409	330
Sanderling	40	17	13	4
Wandering Tattler	24	14	17	27

Continued on next page.

**Table 5.47-- HAWAII AUDUBON SOCIETY BIRD COUNTS OF MAJOR SPECIES
IN THE HONOLULU AREA: 1999 TO 2002 -- Con.**

- 1/ Birds peculiar to Hawaii, and found nowhere else.
 - 2/ Endangered species.
 - 3/ Seen before and after count day but not on count day.
 - 4/ Native to Hawaii, but also found elsewhere.
 - 5/ Formerly termed "introduced". Includes accidental escapes from captivity.
 - 6/ Revised.
 - 7/ Formerly termed "migratory". Includes stragglers and seasonal migrants.
- Source: Hawaii Audubon Society, *'Elepaio* (monthly), and records.

Table 5.48-- 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 5.49-- TREES ALONG STREETS OR IN PARKS UNDER THE
JURISDICTION OF THE CITY AND COUNTY OF HONOLULU:
1998 to 2003**

[As of June 30]

Location	1998	1999	2000	2001	2002	2003
Along City and County streets and highways 1/	136,982	138,352	139,735	141,237	135,712	142,915
In City and County parks	103,103	104,134	105,175	106,179	102,380	95,276

1/ Excludes Federal, State, and private thoroughfares.

Source: City and County of Honolulu, Department of Parks and Recreation, Horticulture and Botanical Service, records.

Table 5.50-- ESTIMATED NUMBER OF SPECIES IN HAWAII: 1999 TO 2002

[Excludes viruses and bacteria]

Category	Species			
	1999	2000	2001	2002
Total in Hawaii and surrounding waters	23,150	23,680	(NA)	25,615
Endemic to Hawaii	9,246	9,456	(NA)	9,975
Nonindigenous protists, fungi, plants, and animals	5,047	5,073	(NA)	5,175

NA Not available.

Source: L. G. Eldredge, "Numbers of Hawaiian Species: Supplement 4", *Bishop Museum Occasional Papers* 58 (1999): 72-78; 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. Bishop Museum, records.

Table 5.51-- THREATENED AND ENDANGERED SPECIES, FOR THE UNITED STATES AND HAWAII

Group	United States	Hawaii
Animal species	517	78
Mammals	74	3
Birds	92	35
Reptiles	36	4
Amphibians	21	-
Fishes	115	-
Clams	70	-
Snails	32	5
Insects	44	23
Arachnids	12	1
Crustaceans	21	7
Plant species	746	359
Flowering plants	715	343
Conifers and cycads	3	-
Ferns and allies	26	16
Lichens	2	-

Source: U.S. Fish and Wildlife Service, Endangered Species Program, Threatened and Endangered Species System (TESS) <http://ecos.fws.gov/tess_public/html/boxscore.html> and <http://ecos.fws.gov/tess_public/TESSSpeciesReport> accessed August 5, 2003.

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, and sugar cane land in Section 22.

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 and 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: 2003*.

Table 6.01-- LAND OWNERSHIP, COVER, OR USE: 1982 TO 1997

[In thousand 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				
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 Program land	-	-	-	-
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				
Total rural land	269.7	257.9	248.8	249.1
Cropland	185.9	180.6	169.6	150.0
Conservation Reserve Program land	-	-	-	-
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 and 2002 but only covered the 48 contiguous states. Future estimates will also cover Hawaii, Alaska, the Caribbean, and selected Pacific Basin islands. See the 2002 Annual NRI Introduction <<http://www.nrcs.usda.gov/technical/land/nri02/>> for discussion.

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

Source: U.S. Department of Agriculture, Natural Resources Conservation Service (formerly the Soil Conservation Service), *1997 National Resources Inventory* <http://www.nrcs.usda.gov/technical/NRI/1997/summary_report> accessed June 1, 2004.

**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
LAND USE (IN ACRES)				
All existing uses	375,146	374,870	54,125	320,745
Residential	31,110	32,110	9,913	22,197
Industrial	8,658	9,571	3,790	5,781
Commercial	4,177	4,277	1,543	2,734
Hotel	319	315	128	187
Agriculture	70,400	56,954	300	56,654
Usable vacant	38,632	48,084	2,449	45,635
Other	221,851	223,559	36,002	187,557
STRUCTURES BY YEAR BUILT 1/				
All structures	160,693	165,783	64,351	101,432
Before 1930	6,777	6,337	4,977	1,360
1930 to 1939	8,537	8,225	5,266	2,959
1940 to 1949.	14,477	14,087	8,145	5,942
1950 to 1959	29,516	29,109	13,961	15,148
1960 to 1969	40,846	40,581	15,305	25,276
1970 to 1979	28,324	28,247	8,122	20,125
1980 to 1989	20,244	20,197	5,215	14,982
1990 and later	11,972	19,000	3,360	15,640
DWELLING UNITS BY TYPE 1/				
All dwelling units	280,846	291,999	153,035	138,964
Single family and duplex	148,850	153,609	58,002	95,607
Low density multi-family	20,639	23,797	1,392	22,405
High density multi-family	111,357	114,593	93,641	20,952

1/ Data exclude structures on military bases.

Source: City and County of Honolulu, Planning Information Branch, records.

**Table 6.03-- ESTIMATED ACREAGE OF LAND USE DISTRICTS:
1969 TO 2003**

[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/	4,112,388	196,215	1,973,636	1,932,429	10,108

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 ISLANDS: DECEMBER 31, 2003**

[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	196,215	1,973,636	1,932,429	10,108
Hawaii	2,573,400	53,722	1,304,347	1,214,527	804
Maui 3/	465,800	21,409	194,836	245,777	3,778
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	100,730	156,619	128,839	-
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 COUNTIES: 1991 TO 2004

[Fiscal year ended June 30. Records include taxable, multi-use parcels]

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

NA Not available.

Source: City and County of Honolulu, Department of Budget and Fiscal Services (Department of Finance through 1999), Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates & Exemptions, State of Hawaii* (annual) <http://www.co.honolulu.hi.us/rpa/02_staterpt.htm> accessed July 30, 2003.

**Table 6.06-- REAL PROPERTY TAX EXEMPTIONS FOR CEMETERIES,
CHURCHES, HOSPITALS AND SCHOOLS, BY COUNTIES: 2004**

[Fiscal year ended June 30]

Category	Cemeteries	Churches	Hospitals	Schools
NUMBER				
State total	107	1,506	98	179
Honolulu	46	828	75	115
Maui	6	235	13	10
Hawaii	43	305	3	51
Kauai	12	138	7	3
AMOUNT (\$1,000)				
State total	39,556	1,208,224	483,911	680,748
Honolulu	33,973	900,087	432,059	574,132
Maui	507	156,414	29,122	27,380
Hawaii	2,718	100,217	11,727	58,622
Kauai	2,358	51,506	11,003	20,614

Source: City and County of Honolulu, Department of Budget and Fiscal Services, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates & Exemptions, 2003-2004 Tax Year, State of Hawaii* (July 2003) <http://www.co.honolulu.hi.us/rpa/02_staterpt.htm> accessed July 30, 2003.

**Table 6.07-- LAND OWNED IN FEE SIMPLE BY SELECTED LARGE
LANDOWNERS: 2000 TO 2003**

[In acres. Unless otherwise specified, as of December 31]

Landowner	2000	2001	2002	2003
Eight large landowners	1/ 976,393	1/ 971,977	1/ 953,907	822,606
Percent of total land area 2/	23.8	1/ 23.6	23.2	20.0
Kamehameha Schools 3/	366,042	366,458	365,794	365,760
Parker Ranch	136,332	136,686	135,312	134,446
Castle & Cooke, Inc.	95,200	1/ 94,973	94,760	94,737
Dole Food Company, Inc.	28,515	1/ 28,512	28,507	28,472
Samuel M. Damon Estate	121,360	121,360	121,357	4/ 5,336
Alexander and Baldwin, Inc.	1/ 90,800	1/ 90,600	1/ 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/ Revised from previous *Data Book* .

2/ Based on area of 4,110,966 acres.

3/ Formerly known as Bernice P. Bishop Estate. Data as of July 1.

4/ A significant amount of land was conveyed to various entities in 2003.

Source: Hawaii State Department of Business, Economic Development & Tourism, annual survey of major landowners.

Table 6.08-- REAL PROPERTY OWNED BY OR LEASED TO THE FEDERAL GOVERNMENT: 2002 AND 2003

[As of September 30]

Subject	2002	2003
Total number of buildings	15,667	16,640
Owned	15,468	16,459
Leased	199	181
Total building area (sq. ft.)	79,001,619	86,478,316
Owned	78,224,966	85,728,813
Leased	776,653	749,503
Total acres owned by the Federal Government	672,805.6	671,579.8
Public domain 1/	267,944.5	270,011.1
Acquired by other methods 2/	404,861.1	401,568.7
Acreage of the State of Hawaii	4,105,600	4,105,600
Percentage owned by the Federal Government	16.4	16.4

1/ 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.

2/ Includes any land acquired by purchase, condemnation, donation, exchange, and other acquisition methods.

Source: U.S. General Services Administration, *Federal Real Property Profile*, tables 10 and 16 (annual) <<http://www.gsa.gov/Portal/gsa/ep/home.do?tabId=0>> accessed April 2, 2004.

**Table 6.09-- DEPARTMENT OF HAWAIIAN HOME LANDS ACREAGE,
LESSEES, AND APPLICANTS, BY ISLANDS: JUNE 30, 2003**

[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
Acreage 1/	202,658	117,313	31,688	50	25,769	7,273	20,565
Homestead leases 2/	7,350	2,085	761	-	835	3,156	513
Residential	5,875	1,307	619	-	389	3,096	464
Agricultural	1,089	497	66	-	419	60	47
Pastoral	386	281	76	-	27	-	2
Applicant waiting list 2/	33,479	12,083	6,483	-	1,683	9,776	3,454
Residential	17,592	4,925	2,926	-	693	7,595	1,453
Agricultural	13,723	5,737	3,186	-	837	2,181	1,782
Pastoral	2,164	1,421	371	-	153	-	219

1/ Data based on latest figures from the trust resolution project. Acreages are rounded to the nearest acre and include 14,615 acres of new lands from the 16,518-acre land transfer from the Public Land Trust and 483 acres from the Hawaiian Home Lands Recovery Act. Oahu total includes 14.4 acres of Kalawahine land provided under Act 150, SLH 1990, 1,356 acres at Lualualei under Executive Orders to the the U.S. Navy, 53.615 acres at Princess Kahanu Estates, and 20.114 acres at Waianae Kai. Act 95, SLH 1996, also transferred 51.324 acres at Kealakehe (La'i'opua) and 37.839 acres at Kapolei, Oahu, as part of the land claims settlement. DHHL also purchased 57.160 acres at Waiehu Kou, Maui, and 60.433 acres at Kealakehe, Hawaii.

2/ Residence, agriculture, or pasture. Since applicants may apply for two types of leases, duplications occur. The Department estimates the unduplicated Statewide total number of applicants at about 20,000. Data are subject to audit.

Source: Hawaii State Department of Hawaiian Home Lands, records.

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

[In thousands of acres]

Type of document	State total	City and County of Honolulu	County of Hawaii	County of Kauai	County of Maui
Public lands	397.9	19.5	296.9	38.0	43.5
General lease 1/ 2/	224.7	4.7	184.6	22.9	12.5
Revocable permit 1/ 3/	41.5	1.3	23.2	4.4	12.6
Unencumbered lands 4/	131.7	13.5	89.1	10.7	18.4
Lands set aside to other government agencies	758.0	42.9	525.1	96.6	93.4
Executive order 1/	255.9	13.7	199.9	23.9	18.4
Governor's proclamation	502.1	29.2	325.2	72.7	75.0
Dept. of Hawaiian Home Lands	(NA)	(NA)	(NA)	(NA)	(NA)
University of Hawaii	(NA)	(NA)	(NA)	(NA)	(NA)
Hawaii Housing Authority	(NA)	(NA)	(NA)	(NA)	(NA)
Highways and roads	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available.

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: 2003*.

**Table 7.01-- PASSENGERS ARRIVING, BY POINTS OF ORIGIN AND TRANSIT
STATUS: 1994 TO 2003**

[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]

Points of origin and status	1994	1995	1996	1997	1998
All directions	7,909,250	7,957,220	8,049,980	8,182,660	7,852,500
Landing	7,263,820	7,466,710	7,648,880	7,723,580	7,545,230
Intransit	645,430	490,510	401,100	459,080	307,270
Domestic	5,197,640	5,056,770	5,078,740	5,147,470	5,169,410
Landing	4,772,380	4,725,150	4,801,570	4,907,620	5,033,100
Intransit	425,260	331,620	277,170	239,850	136,310
International	2,711,610	2,900,450	2,971,240	3,035,190	2,683,090
Landing	2,491,440	2,741,560	2,847,310	2,815,960	2,512,130
Intransit	220,170	158,890	123,930	219,230	170,960
Points of origin and status	1999	2000	2001	2002	2003
All directions	7,980,220	8,272,973	7,585,952	7,628,963	7,557,861
Landing	7,708,206	7,981,480	7,318,235	7,424,621	7,438,045
Intransit	272,014	291,493	267,717	204,342	119,816
Domestic	5,172,404	5,448,603	5,200,050	5,290,418	5,462,304
Landing	5,088,781	5,318,419	5,071,551	5,253,652	5,461,554
Intransit	83,623	130,184	128,499	36,766	750
International	2,807,816	2,824,370	2,385,902	2,338,545	2,095,557
Landing	2,619,425	2,663,061	2,246,684	2,170,969	1,976,491
Intransit	188,391	161,309	139,218	167,576	119,066

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records.

**Table 7.02-- PASSENGER STATUS OF PARTIES AND PASSENGERS
ARRIVING IN HAWAII, BY POINTS OF ORIGIN: 2001 TO 2003**

[Domestic includes passengers from all flights originating from the mainland United States.
International includes passengers from all flights originating from U.S. territories
and other countries]

Year and points of origin	All types	Visitors destined to Hawaii	Returning residents	Intended residents
PARTIES 1/				
2001, total	(NA)	3,077,581	625,512	(NA)
Domestic	(NA)	2,200,167	529,411	19,474
International	(NA)	877,414	96,101	(NA)
2002, total	(NA)	3,002,997	628,974	(NA)
Domestic	(NA)	2,202,582	547,604	29,149
International	(NA)	800,416	81,371	(NA)
2003, total	(NA)	3,058,067	647,128	(NA)
Domestic	(NA)	2,293,955	571,779	26,048
International	(NA)	764,112	75,350	(NA)
PASSENGERS				
2001, total	7,585,952	6,165,358	982,508	(NA)
Domestic	5,200,050	4,085,888	815,293	31,938
International	2,385,902	2,079,470	167,215	(NA)
2002, total	7,628,973	6,308,545	991,557	(NA)
Domestic	5,290,418	4,278,337	850,786	44,016
International	2,338,555	2,030,208	140,771	(NA)
2003, total	7,557,861	6,368,242	1,019,316	(NA)
Domestic	5,462,304	4,519,092	891,975	38,290
International	2,095,557	1,849,150	127,341	(NA)

NA Not available.

1/ Not surveyed for intransit passengers.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records.

**Table 7.03-- VISITOR ARRIVALS AND AVERAGE VISITOR CENSUS:
1966 TO 2003**

[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	6,488,428	4,339,513	2,148,915	165,058	135,480	29,578
1990	6,723,530	4,315,159	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	6,473,675	3,791,951	2,681,724	152,249	106,589	45,660
1993	6,070,987	3,570,051	2,500,936	147,498	100,430	47,068
1994	6,364,675	3,813,280	2,551,395	156,630	107,904	48,726
1995	6,546,762	3,743,477	2,803,285	157,098	105,649	51,450

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**Table 7.03-- VISITOR ARRIVALS AND AVERAGE VISITOR CENSUS:
1966 TO 2003 - Con.**

Year	Visitors staying overnight or longer			Average number of visitors present per day		
	Total	Domestic	International	Total	Domestic	International
1996	6,723,150	3,794,122	2,929,028	158,297	106,404	51,892
1997	6,761,148	3,890,811	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	164,572	125,406	39,165
2003	6,344,443	4,495,293	1,849,150	163,988	126,318	37,670

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records.

**Table 7.04-- OVERNIGHT AND LONGER VISITORS TO HAWAII:
2002 AND 2003**

[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/	2002			2003		
	Total	Domestic	Inter-national	Total	Domestic	Inter-national
All visitors	6,389,058	4,358,850	2,030,208	6,344,443	4,495,293	1,849,150
US West MMA 2/	2,486,914	2,432,225	54,689	2,589,356	2,543,011	46,345
US East MMA 3/	1,582,563	1,529,730	52,833	1,639,777	1,598,224	41,553
Japan MMA	1,483,121	16,860	1,466,261	1,340,397	13,264	1,327,133
Canada MMA	189,890	35,384	154,506	203,733	40,032	163,701
Other Asia MMA 4/	111,347	40,512	70,835	98,309	31,710	66,599
China	38,923	27,981	10,942	25,251	17,630	7,621
Hong Kong	7,137	1,825	5,312	6,058	2,086	3,972
Korea	48,174	7,915	40,259	48,427	8,619	39,808
Singapore	3,950	811	3,139	4,098	1,067	3,031
Taiwan	13,163	1,980	11,183	14,475	2,308	12,167
Oceania MMA 5/	108,835	16,176	92,659	95,476	18,603	76,873
Australia	91,911	13,282	78,629	78,125	15,073	63,052
New Zealand	16,924	2,894	14,030	17,351	3,530	13,821
Europe MMA 6/	111,275	88,904	22,371	111,764	93,770	17,994
United Kingdom	67,431	51,454	15,977	67,768	54,198	13,570
France	6,946	5,844	1,102	7,416	6,430	986
Germany	25,266	21,725	3,541	24,610	22,340	2,270
Italy	4,749	4,240	509	5,566	5,202	364
Switzerland	6,883	5,641	1,242	6,405	5,601	804
Latin America MMA 7/	13,092	11,665	1,426	14,393	13,051	1,342
Argentina	1,088	1,008	81	2,072	1,447	624
Brazil	4,245	3,433	812	3,777	3,401	376
Mexico	7,758	7,225	534	8,545	8,203	342
Other MMA 8/	302,019	187,392	114,627	251,238	143,627	107,610

Continued on next page.

**Table 7.04-- OVERNIGHT AND LONGER VISITORS TO HAWAII:
2002 AND 2003**

- 1/ MMA's are geographical areas defined by the Hawaii Tourism Authority for marketing purposes.
- 2/ Pacific and Mountain State 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.

Table 7.05-- VISITOR DAYS, BY POINTS OF ORIGIN: 1993 TO 2003

[Covers visitors staying overnight or longer anywhere in the state, and any overnight or non-overnight interisland trips reported by these visitors. Domestic includes passengers from all flights originating from the mainland United States. International includes passengers from all flights originating from U.S. territories and other countries]

Year	Total	Domestic	International
1993	53,836,611	36,656,820	17,179,791
1994	57,169,825	39,384,934	17,784,891
1995	57,340,911	38,561,739	18,779,172
1996	57,936,622	38,944,059	18,992,563
1997	57,373,493	39,427,198	17,946,295
1998	57,446,913	40,904,938	16,541,975
1999	60,020,237	43,069,177	16,951,060
2000	61,721,150	45,179,587	16,541,563
2001	57,760,242	43,108,798	14,651,444
2002	60,068,620	45,773,227	14,295,394
2003	59,855,623	46,106,017	13,749,606

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records.

**Table 7.06-- AVERAGE DAILY VISITOR CENSUS, BY COUNTIES AND ISLANDS:
2001 AND 2002**

[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	2001			2002		
	Total	Domestic	Inter-national	Total	Domestic	Inter-national
State total	158,243	118,106	40,136	164,572	125,406	39,165
Oahu	79,699	50,315	29,385	82,121	53,202	28,920
Hawaii County	21,064	17,394	3,669	22,277	18,473	3,804
Kauai County	16,830	15,345	1,485	17,432	15,985	1,447
Maui County	40,650	35,053	5,598	42,742	37,746	4,996
Maui	38,723	33,330	5,394	40,744	36,081	4,662
Molokai	831	721	110	955	797	158
Lanai	1,096	1,002	94	1,044	868	175

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records.

Table 7.07-- VISITOR ARRIVALS, DOMESTIC AND INTERNATIONAL, BY AREAS VISITED: 2002 AND 2003

[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]

Areas visited	2002			2003		
	Total	Domestic	Inter-national	Total	Domestic	Inter-national
State total 1/	6,389,058	4,358,850	2,030,208	6,344,443	4,495,293	1,849,150
Oahu	4,276,077	2,423,169	1,852,908	4,074,141	2,399,044	1,675,097
Kauai	1,005,898	849,913	155,985	968,413	854,126	114,287
Maui County 1/	2,139,427	1,770,103	369,324	2,176,081	1,879,808	296,273
Maui	2,073,051	1,725,051	348,000	2,105,718	1,832,441	273,277
Molokai	75,134	53,152	21,983	93,274	69,791	23,483
Lanai	80,875	64,433	16,441	90,568	71,796	18,772
Hawaii County 1/	1,243,313	918,680	324,633	1,193,009	908,062	284,946
Hilo side	448,449	318,422	130,028	452,834	328,505	124,329
Kona side	1,033,614	756,541	277,073	965,004	728,535	236,469
One island only	4,677,679	3,200,501	1,477,178	4,743,845	3,327,032	1,416,814
Oahu only	2,818,337	1,497,881	1,320,457	2,746,835	1,483,280	1,263,556

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.

Table 7.08-- SUMMARY CHARACTERISTICS OF OVERNIGHT AND LONGER VISITORS, BY POINTS OF ORIGIN: 2002 AND 2003

[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
2002			
Residence (percent):			
United States	63.7	90.9	5.3
Pacific and Mountain States	38.9	55.8	2.7
California	24.9	36.0	1.0
Males per 100 females	116	132	77
Average age (years)	(NA)	(NA)	(NA)
Persons per party	2.1	1.9	2.5
Arriving June-August (percent)	28.5	29.8	25.9
Repeat visitors (percent)	62.3	66.2	53.8
Pleasure trip (percent)	81.4	79.0	86.7
In hotel only	61.1	52.0	80.6
One island only	73.2	73.4	72.8
Destined beyond Hawaii (percent)	(NA)	1.8	(NA)
2003			
Residence (percent):			
United States	66.7	92.1	4.8
Pacific and Mountain States	40.8	56.6	2.5
California	26.9	37.6	1.0
Males per 100 females	92	96	84
Average age (years)	(NA)	(NA)	(NA)
Persons per party	2.1	2.0	2.4
Arriving June-August (percent)	28.3	30.1	23.9
Repeat visitors (percent)	62.4	65.6	54.4
Pleasure trip (percent)	81.6	80.0	85.5
In hotel only	46.2	32.6	79.2
One island only	74.8	74.0	76.6
Destined beyond Hawaii (percent)	(NA)	0.3	(NA)

NA Not available.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records.

**Table 7.09-- DOMESTIC VISITORS BY STATES AND REGIONS:
2001 AND 2002**

[Limited to visitors staying overnight or longer. Includes both visitors destined to and beyond Hawaii non-overnight interisland trips reported by these visitors. Domestic includes passengers from all flights originating from the mainland United States]

Residence	2001	2002
United States	3,829,562	3,961,956
Pacific	1,908,060	2,001,726
Alaska	41,545	41,630
California	1,468,882	1,570,367
Oregon	123,512	121,245
Washington	274,121	268,483
Mountain	390,044	430,499
Arizona	97,564	110,926
Colorado	107,932	121,257
Idaho	24,568	24,013
Montana	15,264	15,393
Nevada	54,879	61,486
New Mexico	18,549	21,595
Utah	65,648	69,565
Wyoming	5,640	6,265
West North Central	193,575	183,216
Iowa	22,236	21,938
Kansas	22,579	20,880
Minnesota	79,592	72,706
Missouri	45,285	43,136
Nebraska	13,170	13,936
N. Dakota	4,806	4,370
S. Dakota	5,907	6,249
West South Central	219,878	233,376
Arkansas	11,590	12,645
Louisiana	15,529	16,782
Oklahoma	21,587	25,548
Texas	171,172	178,400
East North Central	378,162	369,468
Illinois	132,911	132,686
Indiana	42,441	41,267
Michigan	85,000	75,659
Ohio	72,644	74,538
Wisconsin	45,166	45,317
East South Central	70,810	81,117
Alabama	15,640	22,588
Kentucky	19,199	22,623
Mississippi	7,661	7,302
Tennessee	28,310	28,604

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**Table 7.09-- DOMESTIC VISITORS BY STATES AND REGIONS:
2001 AND 2002 -- Con.**

Residence	2001	2002
New England	105,925	106,158
Connecticut	26,050	25,598
Maine	6,637	7,314
Massachusetts	53,597	53,890
New Hampshire	9,290	8,962
Rhode Island	6,251	6,300
Vermont	4,100	4,095
Middle Atlantic	240,065	231,823
New Jersey	65,655	62,465
New York	113,548	108,392
Pennsylvania	60,862	60,965
South Atlantic	316,336	324,573
Delaware	4,576	4,257
Washington, D.C.	6,309	6,918
Florida	83,717	87,385
Georgia	53,781	56,378
Maryland	43,543	44,653
N. Carolina	36,595	35,417
S. Carolina	16,114	16,091
Virginia	66,277	68,145
West Virginia	5,425	5,328

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records.

Table 7.10-- TRIP CHARACTERISTICS OF VISITORS, BY POINTS OF ORIGIN: 2001 AND 2002

[Limited to visitors staying overnight or longer. Includes both visitors destined to and beyond Hawaii 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	
	2001	2002	2001	2002
All visitors 1/	4,224,321	4,358,850	2,079,470	2,030,208
Purpose of visit: 1/				
Pleasure	3,273,947	3,442,116	1,749,672	1,760,606
Honeymoon/Get married	253,253	271,460	246,525	424,837
Meetings, conventions, incentive 1/	331,360	323,777	92,283	92,460
Convention	204,697	210,206	47,587	44,701
Corporate meeting	76,547	63,661	18,535	17,335
Incentive	53,716	56,778	28,100	32,929
Other business	177,130	193,300	33,236	45,773
Visit friends or relatives	361,100	415,487	74,050	93,926
Government or military	59,955	67,929	21,206	29,511
Attend school	14,362	12,411	9,562	12,065
Traveler method:				
Tour group	333,694	322,348	746,482	713,977
Package	1,372,737	1,477,825	1,510,019	1,455,339
Group tour and package	266,824	259,385	706,832	674,206
True independent	2,784,708	2,818,062	529,783	535,098
Accommodations:				
Hotel	2,483,754	2,631,316	1,749,973	1,720,919
Hotel only	2,213,039	2,268,341	1,675,841	1,636,877
Condo	821,249	853,640	220,767	194,520
Condo only	688,495	680,772	183,667	141,062
Timeshare	322,776	363,851	29,172	26,933
Timeshare only	255,833	274,587	20,310	14,210
Apartment	59,168	30,426	14,000	13,829
Bed & Breakfast	60,037	57,856	10,862	12,010
Cruise ship	121,472	170,746	14,272	21,535
Friends, relatives	485,168	491,537	72,571	96,156

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.

Table 7.11-- ACTIVITY PARTICIPATION BY VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2002

[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 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	92.2	91.4	93.3	90.6
Helicopter / airplane tour	14.3	12.6	16.7	4.9
Boat tour / submarine / whale watching	30.2	26.4	35.5	16.5
Tour bus excursion	16.3	12.5	21.6	37.5
Private limousine / van tour	7.0	5.9	8.4	15.6
Self-guided	82.8	83.6	81.6	57.7
Recreation	92.2	92.6	91.6	81.2
Swimming / sunbathing / beach	84.5	85.5	83.0	68.3
Snorkeling / scuba diving	55.0	57.9	50.8	17.4
Jet skiing / parasailing / windsurfing	5.1	4.3	6.1	5.5
Golf	17.4	18.8	15.5	13.8
Running / jogging / fitness walking	41.2	42.4	39.5	18.2
Gym / health spa	15.7	15.9	15.4	6.2
Backpacking / hiking / camping	22.0	21.1	23.4	6.3
Sports event or tournament	5.3	5.0	5.7	1.5
Entertainment	61.0	60.2	62.1	56.6
Lunch / sunset / dinner / evening cruise	40.1	38.2	42.7	48.4
Lounge act / stage show	31.7	29.7	34.5	16.0
Nightclub / dancing / bar / karaoke	22.6	22.6	22.6	7.0
Shopping	96.2	96.7	95.4	96.9
Department stores	52.9	51.8	54.5	50.4
Designer boutiques	47.1	47.4	46.6	57.7
Hotel stores	55.0	52.5	58.5	7.0
Swap meet / flea markets	31.4	35.6	32.7	14.7
Discount / outlet stores	44.9	45.9	43.5	41.4
Supermarkets	65.9	69.7	60.5	55.5
Convenience stores	62.3	62.7	61.8	72.9
Duty free stores	6.8	5.5	8.6	76.8
Culture	81.0	80.4	81.8	50.8
Historic site	61.7	60.8	63.0	27.5
Museum / art gallery	33.3	33.9	32.3	16.3
Polynesian show / luau	44.7	39.2	52.3	24.6
Art / craft fair	25.9	28.1	22.9	3.2
Festival	6.3	6.4	6.3	6.5

Continued on next page.

**Table 7.11-- ACTIVITY PARTICIPATION BY VISITORS FROM THE U.S. TOTAL,
U.S. WEST, U.S. EAST, AND JAPAN: 2002 - Con.**

Activity	U.S. Total	U.S. West 1/	U.S. East 2/	Japan
Transportation	89.3	89.8	88.7	91.6
Trolley	8.0	6.4	10.3	51.0
Public Bus	14.8	11.4	19.6	29.4
Taxi / limousine	17.9	15.2	21.8	42.8
Rental car	78.8	81.4	75.2	25.4

1/ Pacific and Mountain State 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, *2002 Visitor Satisfaction and Activity Report* .

**Table 7.12-- OVERALL SATISFACTION BY MAJOR CATEGORY BY VISITORS
FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2002**

[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]

Category	U.S. Total	U.S. West 1/	U.S. East 2/	Japan
Accommodation				
Very Satisfied	79.2	78.4	80.4	43.0
Somewhat Satisfied	17.2	17.5	17.0	47.5
Somewhat Dissatisfied	3.0	3.7	2.1	7.0
Not Satisfied at all	0.5	0.4	0.6	2.5
Restaurants				
Very Satisfied	63.5	62.7	64.5	21.0
Somewhat Satisfied	33.5	33.8	32.9	58.7
Somewhat Dissatisfied	2.7	2.9	2.5	17.7
Not Satisfied at all	0.4	0.6	0.1	2.6
Shopping				
Very Satisfied	60.1	57.6	63.6	32.8
Somewhat Satisfied	36.6	38.8	33.4	51.2
Somewhat Dissatisfied	3.0	3.4	2.4	13.9
Not Satisfied at all	0.4	0.2	0.6	2.1
Golf Courses				
Very Satisfied	71.1	70.7	71.7	42.5
Somewhat Satisfied	23.5	23.5	23.5	47.9
Somewhat Dissatisfied	4.8	4.9	4.5	8.6
Not Satisfied at all	0.7	0.8	0.4	1.0
Activities & Attractions				
Very Satisfied	71.3	68.9	74.6	32.8
Somewhat Satisfied	26.7	29.1	23.4	55.2
Somewhat Dissatisfied	1.8	1.7	1.9	11.0
Not Satisfied at all	0.2	0.3	0.1	1.0
Transportation				
Very Satisfied	58.4	57.0	60.0	32.3
Somewhat Satisfied	32.2	31.2	33.4	48.6
Somewhat Dissatisfied	6.8	8.8	4.5	14.6
Not Satisfied at all	2.6	3.0	2.1	4.5

Continued on next page.

**Table 7.12-- OVERALL SATISFACTION BY MAJOR CATEGORY BY VISITORS
FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2002 - Con.**

Category	U.S. Total	U.S. West 1/	U.S. East 2/	Japan
Airports				
Very Satisfied	60.8	59.2	62.9	21.0
Somewhat Satisfied	34.5	35.2	33.4	59.5
Somewhat Dissatisfied	3.9	4.9	2.6	17.6
Not Satisfied at all	0.8	0.7	1.1	1.8
Parks & Beaches				
Very Satisfied	75.8	73.4	79.1	45.7
Somewhat Satisfied	21.9	23.8	19.1	47.7
Somewhat Dissatisfied	1.9	2.1	1.5	5.8
Not Satisfied at all	0.5	0.6	0.3	0.8

1/ Pacific and Mountain State 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, *2002 Visitor Satisfaction and Activity Report* .

Table 7.13-- OVERALL ISLAND EXPERIENCE BY VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2002

[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	57.7	56.3	59.3	48.5
Above Average	37.1	38.1	35.9	46.2
Below Average	4.4	5.3	3.5	4.8
Poor	0.8	0.3	1.3	0.5
Maui				
Excellent	70.1	66.8	73.7	51.9
Above Average	27.0	30.4	23.3	43.6
Below Average	2.7	2.5	2.8	4.5
Poor	0.3	0.4	0.1	0.0
Molokai				
Excellent	46.1	54.7	32.2	13.1
Above Average	36.6	21.6	60.7	86.9
Below Average	16.8	23.7	5.7	0.0
Poor	0.5	0.0	1.4	0.0
Lanai				
Excellent	54.6	51.9	56.9	42.4
Above Average	42.4	47.3	38.4	57.6
Below Average	2.6	0.0	4.7	0.0
Poor	0.4	0.9	0.0	0.0
Big Island				
Excellent	65.5	65.5	65.5	55.6
Above Average	30.9	31.1	30.6	40.0
Below Average	2.5	1.7	3.6	4.2
Poor	1.1	1.7	0.3	0.2
Kauai				
Excellent	75.5	77.8	72.4	45.5
Above Average	22.7	20.4	25.8	43.0
Below Average	1.7	1.8	1.6	11.2
Poor	0.1	0.0	0.2	0.2

1/ Pacific and Mountain State 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, *2002 Visitor Satisfaction and Activity Report* .

**Table 7.14-- SOURCES OF INFORMATION FOR TRIP PLANNING BY VISITORS
FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2002**

[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
Travel agents	41.0	38.3	44.7	63.0
Internet	57.9	57.3	58.8	36.2
Personal experience	49.8	55.4	42.0	47.0
Wholesalers	10.8	10.1	11.8	14.4
Friends / relatives	38.6	37.5	40.0	27.0
Magazines	12.7	11.3	14.7	41.6
Books	20.3	18.4	22.9	40.4
Hotels / resorts	24.8	23.9	26.1	6.5
Airlines	31.3	32.6	29.5	8.7
Hawaii Visitors & Convention Bureau	12.8	11.1	15.1	8.0
Newspapers	5.3	6.0	4.3	4.0

1/ Pacific and Mountain State 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, *2002 Visitor Satisfaction and Activity Report* .

Table 7.15-- INTERNET USAGE FOR TRIP PLANNING BY VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2002

[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]

How the Internet was used	U.S. Total	U.S. West 1/	U.S. East 2/	Japan
Find things to do	43.4	40.5	47.6	19.8
Estimate costs	42.6	42.7	42.5	7.6
Hotel selection	36.3	35.5	37.4	40.7
Find recreational activities	31.7	30.8	32.9	17.6
Maps and directions	34.3	34.4	34.2	15.0
Locate sightseeing places	25.0	22.6	28.4	21.9
Make airline reservations	40.8	41.7	39.4	10.3
Make restaurant reservations	19.1	17.8	20.8	22.0
Locate shopping places	7.9	7.4	8.6	24.0
Find evening activities	11.9	11.1	13.1	3.4

1/ Pacific and Mountain State 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, *2002 Visitor Satisfaction and Activity Report* .

Table 7.16-- SAFETY ISSUES AND OTHER NUISANCES ENCOUNTERED BY VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2002

[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
No problems	93.7	93.8	93.6	94.3
Safety Issues:				
Solicited by drug dealers	2.5	2.3	2.9	2.2
Solicited by prostitutes	1.5	1.5	1.4	1.2
Wallet / purse / valuables stolen	2.0	2.1	2.0	1.3
Room vandalized / robbed	0.5	0.5	0.4	0.4
Car vandalized / robbed	1.6	1.9	1.4	0.6
Physical violence / harm	0.7	0.6	0.8	0.2
Other Nuisance:				
Parking ticket	1.9	2.1	1.6	1.2

1/ Pacific and Mountain State 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, *2002 Visitor Satisfaction and Activity Report* .

Table 7.17-- VISITOR PROFILE AND TRIP CHARACTERISTICS OF VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2002

[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	1.4	1.3	1.5	3.7
\$15,000-\$30,000	5.3	4.3	6.8	10.1
\$30,000-\$50,000	13.8	12.8	14.9	22.8
\$50,000-\$100,000	37.4	37.5	37.1	39.1
\$100,000 or more	42.3	44.0	39.8	24.4
Percentage of male respondents	46.9	47.1	46.5	46.9
Percentage of female respondents	53.1	52.9	53.5	53.1
Average age of respondents	47.7	47.8	47.6	45.1
Education Attainment				
High School graduate	25.4	23.7	27.9	42.4
Associates degree (2-year)	8.7	9.3	7.8	10.9
Bachelor's degree (4-year)	34.1	34.2	33.9	35.2
Post graduate degree	28.9	29.8	27.6	3.4
Vocational / technical degree	2.2	2.3	2.0	5.3
Employment Status				
Working	69.8	69.9	69.7	58.3
Retired	19.0	19.4	18.4	10.5
Primary Purpose of Trip				
Vacation	70.9	71.9	69.3	69.5
Attend a business meeting / conduct business	6.0	6.0	5.9	2.3
Attend a convention / conference / seminar	4.0	3.1	5.4	1.2
Visit friends / relatives	7.8	7.9	7.8	3.7
Wedding / honeymoon	6.3	5.8	6.9	18.3
Attend / participate in a sporting event	0.7	0.6	0.8	1.0
Attend / participate in a cultural event	0.1	0.1	0.1	0.8
Medical treatment	0.0	0.0	0.1	0.1
Other	4.2	4.5	3.7	2.9
Secondary Purpose of Trip				
Vacation	18.9	19.4	18.1	10.8
Attend a business meeting / conduct business	4.2	4.4	4.0	1.3
Attend a convention / conference / seminar	1.3	0.8	2.0	0.9
Visit friends / relatives	11.2	12.5	9.2	2.2
Wedding / honeymoon	1.3	1.5	0.9	3.2
Attend / participate in a sporting event	1.1	0.9	1.4	0.8

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Table 7.17-- VISITOR PROFILE AND TRIP CHARACTERISTICS OF VISITORS FROM THE U.S. TOTAL, U.S. WEST, U.S. EAST, AND JAPAN: 2002 - Con.

Characteristic	U.S. Total	U.S. West 1/	U.S. East 2/	Japan
Secondary Purpose of Trip - Con.				
Attend / participate in a cultural event	1.0	0.8	1.3	0.9
Medical treatment	0.5	0.3	0.7	0.5
Other	4.3	4.5	4.1	2.7

1/ Pacific and Mountain State 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, *2002 Visitor Satisfaction and Activity Report* .

Table 7.18-- LENGTH OF STAY OF VISITORS STAYING OVERNIGHT OR LONGER, BY POINTS OF ORIGIN: 2001 AND 2002

[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	2001			2002		
	Total	Domestic	International	Total	Domestic	International
All visitors	6,303,791	4,224,321	2,079,470	6,389,058	4,358,850	2,030,208
1 to 6 days	2,495,942	1,016,366	1,479,576	2,541,932	1,108,175	1,433,758
7 to 12 days	2,821,504	2,395,468	426,036	2,823,370	2,406,891	416,479
13 to 30 days	881,079	724,509	156,570	897,918	733,316	164,601
31 to 365 days	105,266	87,978	17,288	125,803	110,433	15,370
Median (days)	7.01	8.00	5.00	7.05	8.00	5.00
Mean (days)	9.16	10.20	7.05	9.40	10.50	7.04

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records.

**Table 7.19-- JAPANESE VISITOR ARRIVALS AND EXPENDITURES:
1997 TO 2002**

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

Subject	1997	1998	1999	2000	2001	2002
Arrivals (1,000)	2,152	2,004	1,826	1,818	1,529	1,483
Average stay (days)	5.5	5.7	5.7	5.6	5.9	5.9
Expenditures (mil. dol.)	3,402	2,933	2,359	2,370	2,089	2,042

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records.

Table 7.20-- AVERAGE EXPENDITURE PER VISITOR DAY, BY ORIGIN OF VISITORS: 1931-1932 TO 2002

[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)	1991	140.54	344.29
1951	28.00	(NA)	1992	117.14	344.68
1960-61	32.00	(NA)	1993	116.15	306.54
1965-66 1/	37.23	(NA)	1994	133.79	340.88
1974	46.20	123.00	1995	132.73	356.15
1977	54.62	146.85	1996	137.04	286.89
1980	71.24	185.00	1997	157.07	279.58
1983	85.88	227.32	1998	147.37	235.25
1986	95.40	299.00	1999	148.91	207.46
1987	102.49	324.00	2000	154.92	214.20
1988	121.44	350.00	2001	142.75	227.05
1989	126.57	322.00	2002	150.45	233.13
1990	136.30	294.04			

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.

Table 7.21-- AVERAGE EXPENDITURE PER VISITOR DAY IN CONSTANT DOLLARS, FOR VISITORS FROM THE MAINLAND: 1931-1932 TO 2002

[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	1992	140.3	83
1951	26.0	108	1993	144.5	80
1960-61	29.8	107	1994	148.2	90
1965-66 2/	32.0	116	1995	152.4	87
1974	49.3	94	1996	156.9	87
1977	60.6	90	1997	160.5	98
1980	82.4	86	1998	163.0	90
1983	99.6	86	1999	166.6	89
1986	109.6	87	2000	172.2	90
1989	124.0	102	2001	177.1	81
1990	130.7	104	2002	179.9	84
1991	136.2	103			

1/ In constant (1982-84) dollars.

2/ Oahu only.

Source: Preceding table; U.S. Bureau of Labor Statistics, *CPI Detailed Report*, and <http://stats.bls.gov/bls/home.htm>.

Table 7.22- EXPENDITURES PER VISITOR DAY BY VISITORS FROM SELECTED GEOGRAPHIC AREAS, BY EXPENDITURE TYPE: 2001 AND 2002

[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	
	2001	2002	2001	2002	2001	2002
All items	136.0	141.9	152.3	163.0	227.0	233.1
Total Food and beverage	33.5	31.5	36.4	35.2	34.6	40.2
Restaurant food	22.5	21.6	25.0	25.5	27.3	30.0
Dinner shows and cruises	3.9	4.1	5.4	5.0	0.0	3.0
Groceries and snacks	7.2	5.7	5.9	4.8	7.3	7.2
Entertainment & Recreation	9.5	8.9	10.9	10.7	5.0	6.0
Total Transportation	13.7	18.4	16.8	21.3	12.0	11.5
Interisland airfare	2.0	3.7	4.4	6.6	4.0	3.4
Ground transportation	1.0	1.0	1.4	1.3	4.9	5.0
Rental vehicles	8.7	11.9	9.0	11.5	2.7	2.7
Gasoline, parking, etc.	1.9	1.9	2.1	1.9	0.4	0.3
Total Shopping	17.3	20.1	23.8	24.4	80.3	82.2
Fashion and clothing	7.4	7.9	8.6	8.5	18.1	17.9
Jewelry and watches	4.1	4.5	7.5	6.8	9.2	10.1
Cosmetics, perfume	0.3	0.5	0.4	0.4	4.7	4.7
Leather goods	0.2	0.4	0.4	0.4	23.7	24.7
Hawaii food products	1.6	2.0	1.8	2.1	1.9	1.8
Souvenirs	3.8	4.8	5.1	6.2	22.8	23.0
Lodging	52.7	51.3	53.3	56.4	66.5	62.8
All other expenses	7.0	7.8	6.9	9.4	11.9	11.4
Tour packages	2.3	3.9	4.4	5.7	16.9	19.2

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Table 7.22-- EXPENDITURES PER VISITOR DAY BY VISITORS FROM SELECTED GEOGRAPHIC AREAS, BY EXPENDITURE TYPE: 2001 AND 2002 - Con.

Expenditure type	Visitors from Canada		Visitors from Europe 3/		Visitors from Oceania 4/	
	2001	2002	2001	2002	2001	2002
All items	117.2	115.2	121.4	144.5	132.5	147.6
Total Food and beverage	25.1	25.5	25.9	28.9	28.6	35.9
Restaurant food	16.0	15.0	17.2	21.0	19.2	26.0
Dinner shows and cruises	2.5	3.7	3.2	2.0	2.6	3.3
Groceries and snacks	6.6	6.8	5.5	5.9	6.8	6.7
Entertainment & Recreation	4.9	5.5	5.2	7.5	4.8	6.4
Total Transportation	17.3	14.2	16.5	25.6	12.4	15.1
Interisland airfare	5.9	3.1	4.6	4.5	3.7	5.3
Ground transportation	1.4	0.9	3.6	12.2	2.4	2.6
Rental vehicles	8.8	9.1	7.2	7.9	5.2	5.9
Gasoline, parking, etc.	1.2	1.1	1.0	1.0	1.1	1.4
Total Shopping	12.5	14.9	10.7	15.2	23.2	25.1
Fashion and clothing	5.6	6.7	4.7	7.2	12.3	13.4
Jewelry and watches	1.6	1.6	0.9	1.4	3.4	3.3
Cosmetics, perfume	0.2	0.3	0.3	1.1	1.3	1.5
Leather goods	0.2	0.4	0.3	0.5	0.6	0.7
Hawaii food products	1.2	1.3	1.1	1.7	0.9	1.3
Souvenirs	3.6	4.8	3.4	3.2	4.9	4.8
Lodging	47.7	46.7	52.3	53.2	49.1	52.6
All other expenses	4.1	3.0	4.2	3.9	7.6	5.4
Tour packages	5.5	5.3	6.7	10.2	6.8	7.1

Continued on next page.

Table 7.22-- EXPENDITURES PER VISITOR DAY BY VISITORS FROM SELECTED GEOGRAPHIC AREAS, BY EXPENDITURE TYPE: 2001 AND 2002 - Con.

Expenditure type	Visitors from Other Asia 5/		Visitors from Latin America 6/		Visitors from Other Market 7/	
	2001	2002	2001	2002	2001	2002
All items	151.3	165.2	137.2	122.7	130.5	146.4
Total Food and beverage	29.4	36.5	20.1	26.1	21.9	30.7
Restaurant food	18.7	24.9	14.7	13.7	13.9	18.0
Dinner shows and cruises	5.1	5.7	1.0	4.2	2.7	6.1
Groceries and snacks	5.6	5.8	4.4	8.2	5.3	6.6
Entertainment & Recreation	6.5	8.3	6.0	5.7	7.5	4.9
Total Transportation	16.2	15.2	47.5	9.8	13.8	17.8
Interisland airfare	6.0	7.6	28.0	3.3	3.8	4.5
Ground transportation	3.3	3.0	0.8	3.5	2.0	3.5
Rental vehicles	5.9	4.0	18.4	2.7	7.2	8.1
Gasoline, parking, etc.	1.0	0.6	0.3	0.3	0.8	1.7
Total Shopping	37.3	39.1	11.9	28.5	24.4	31.8
Fashion and clothing	12.6	11.6	0.3	15.4	12.6	16.0
Jewelry and watches	7.4	7.3	0.0	3.0	3.5	2.6
Cosmetics, perfume	3.5	3.8	2.0	1.3	1.3	2.3
Leather goods	3.8	2.6	0.0	0.2	1.6	1.6
Hawaii food products	4.8	4.8	4.0	1.2	1.7	3.2
Souvenirs	5.2	9.0	5.5	7.3	3.7	6.1
Lodging	43.3	49.3	36.9	42.3	42.5	46.8
All other expenses	7.6	3.7	4.1	0.1	16.2	5.9
Tour packages	11.0	13.1	10.8	10.1	4.2	8.5

1/ Pacific and Mountain State of the United States.

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

3/ Includes United Kingdom, Germany, France, Italy, and Switzerland.

4/ Includes Australia and New Zealand.

5/ Includes China, Hong Kong, Korea (South), Singapore, and Taiwan.

6/ Includes Argentina, Brazil, and Mexico.

7/ Includes all countries and districts not listed in other MMAs, including Guam, Puerto Rico,

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records.

**Table 7.23-- TOTAL VISITOR EXPENDITURES BY EXPENDITURE TYPE:
2001 AND 2002**

[Covers visitors staying overnight or longer anywhere in the state, and any overnight or non-overnight interisland trips reported by these visitors. In millions of dollars for visitors who stayed in hotels, condominiums, and bed & breakfasts]

Expenditure type	2001	2002	% Change
All items	8,885.5	9,662.4	8.7
Total Food and beverage	1,918.3	2,017.8	5.2
Restaurant food	1,328.9	1,415.0	6.5
Dinner shows and cruises	206.0	256.1	24.3
Groceries and snacks	383.3	346.7	-9.5
Entertainment & Recreation	499.9	513.1	2.6
Total Transportation	847.1	1,085.8	28.2
Interisland airfare	201.3	275.4	36.8
Ground transportation	111.3	128.2	15.1
Rental vehicles	442.9	587.2	32.6
Gasoline, parking, etc.	91.5	95.0	3.8
Total Shopping	1,701.8	1,866.3	9.7
Fashion and clothing	557.0	606.8	8.9
Jewelry and watches	326.9	341.3	4.4
Cosmetics, perfume	65.8	73.8	12.0
Leather goods	237.8	242.3	1.9
Hawaii food products	97.8	123.2	26.0
Souvenirs	416.5	478.9	15.0
Lodging	3,125.6	3,244.6	3.8
All other expenses	461.4	495.7	7.5
Tour packages	331.5	439.1	32.5

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records.

Table 7.24-- EXPENDITURES PER VISITOR DAY BY VISITORS FROM US WEST, US EAST, AND JAPAN, BY VISITOR OR TRIP CHARACTERISTICS: 2001 AND 2002

[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	
	2001	2002	2001	2002	2001	2002
All visitors	135.99	141.91	152.34	162.99	227.05	233.13
Group tour status:						
Organized group tour	146.25	144.30	159.50	186.25	225.03	248.34
Individually arranged	135.87	148.25	152.25	161.27	221.22	163.28
Arrived on package tour:						
Yes	148.28	162.72	170.13	173.63	235.01	238.41
No	129.14	140.29	144.73	153.62	171.57	230.96
Accommodations:						
Hotel	156.17	162.52	169.50	179.20	236.24	249.06
Condo	132.58	141.33	163.54	161.04	147.08	141.86
Guests of friends and relatives	(NA)	(NA)	(NA)	(NA)	107.05	93.31
Timeshare	95.57	126.94	113.37	118.27	154.55	139.64
Previous visits:						
First trip	127.44	145.74	154.46	171.93	242.53	254.64
Repeat visitors	138.00	148.68	150.94	155.70	207.42	216.19
Purpose of trip:						
Pleasure	132.59	145.23	143.32	154.05	203.84	212.85
Business: Meetings, conventions, incentive	183.75	174.98	198.58	201.23	226.10	222.95
On honeymoon:	173.04	167.65	233.35	220.86	310.28	329.72

NA Not available due to small sample.

1/ Pacific and Mountain State 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, records.

Table 7.25-- ESTIMATED VISITOR EXPENDITURES: 1951 TO 2002

[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	Year	Personal expenditures	Additional business expend. 1/
1951	24	1969	550	1987	6,281	395
1952	33	1970	595	1988	7,813	491
1953	43	1971	705	1989	8,371	534
1954	49	1972	836	1990	8,707	375
1955	55	1973	1,017	1991	9,004	814
1956	65	1974	1,233	1992	8,614	697
1957	78	1975	1,355	1993	7,808	664
1958	83	1976	1,637	1994	9,544	710
1959	109	1977	1,834	1995	10,067	1,040
1960	131	1978	2,150	1996	9,569	598
1961	137	1979	2,541	1997	10,102	389
1962	154	1980	2,871	1998	9,497	295
1963	186	1981	3,195	1999	9,455	322
1964	205	1982	3,687	2000	10,011	386
1965	225	1983	3,847	2001	8,916	278
1966	280	1984	4,442	2002	9,706	287
1967	380	1985	4,780			
1968	440	1986	5,567			

1/ By MCI (meetings, conventions, and incentive) visitors. For discussion, see Hawaii Visitors Bureau, *The 1990 Visitor Expenditure Report* (1991), pp. 35-40. See previous year Data Book for 1985-86, not available before 1985.

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records.

**Table 7.26-- VISITOR EXPENDITURES, BY COUNTRY OF RESIDENCE:
1998 TO 2002**

[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	
1998	9,791,776	9,496,633	5,328,647	2,675,941	300,304	1,191,741	295,143
1999	9,777,812	9,455,454	5,776,260	2,152,858	415,976	1,110,360	322,358
2000	10,397,347	10,010,914	6,452,691	2,162,999	391,593	1,003,632	386,433
2001	9,195,908	8,917,676	5,708,118	2,089,235	309,198	811,125	278,231
2002	9,993,775	9,706,449	6,348,023	2,042,238	271,472	1,044,715	287,326

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records.

**Table 7.27-- CRUISE SHIP ARRIVAL AND PASSENGER COUNT:
2001 TO 2003**

	2001	2002	2003
Number of Ships, Arrivals	26	27	28
Number of Tours 1/	121	2/ 131	125
Number of Passengers	159,031	242,144	236,149
Out of State Visitors	154,357	235,027	230,495
Arrived by Air	46,571	63,776	57,032
Arrived by Ship	107,786	171,251	173,463
Hawaii Residents	4,674	7,117	5,654

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

2/ Revised from previous year *Data Book* .

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, records.

**Table 7.28-- ESTIMATED DIRECT VISITOR-RELATED EXPENDITURES:
1997 TO 2003**

[In millions of dollars]

Year	Total	Visitors	Overseas airlines
1997 1/	10,996.5	9,779.0	1,217.5
1998 1/	11,003.3	9,791.8	1,211.5
1999	11,040.3	9,777.8	1,262.5
2000	11,723.6	10,397.3	1,326.3
2001	10,422.7	9,194.6	1,228.1
2002	11,288.2	9,993.8	1,294.4
2003 2/	11,792.7	10,485.4	1,307.3

1/ Data have been revised since previous *Data Book*.

2/ Preliminary estimates, note that as of March 2004 all figures were in the process of revision.

Source: Hawaii State Department of Business, Economic Development & Tourism, records.

Table 7.29-- ECONOMIC ACTIVITY GENERATED BY VISITOR-RELATED EXPENDITURES: 1997 TO 2003

Year	Visitor-related expenditures (million dollars)	Gross State Product (million dollars)	Household income (million dollars)	State and county tax revenues (million dollars)	Jobs (1,000)
1997 1/	10,996.5	10,005.8	5,845.3	1036.9	181.3
1998 1/	11,003.3	10,030.3	5,869.9	1003.2	180.7
1999	11,040.3	10,252.0	6,030.1	1062.1	181.0
2000	11,723.6	10,938.9	6,436.2	1159.9	187.9
2001	10,422.7	10,086.9	5,983.0	1190.0	193.0
2002	11,288.2	10,306.3	5,995.4	1075.1	172.6
2003 2/	11,792.8	10,702.0	6,217.7	1080.9	172.0

1/ Data have been revised from previous *Data Book* .

2/ Preliminary estimates, note that as of March 2004 all figures were in the process of revision.

Source: Hawaii State Department of Business, Economic Development & Tourism, records.

Table 7.30-- WAIKIKI'S SHARE OF TOURISM: 2002

Measure of Tourism	Statewide Visitor Industry	Waikiki	
		Number	Percent of Statewide Tourism
Visitors	6,389,018	1/ 3,718,768	2/ (X)
Average daily visitors census	164,634	1/ 71,756	43.6
Visitors units	70,783	31,717	44.8
Occupied units (average)	49,053	22,297	45.5
Total visitor expenditures (\$millions) 3/	11,024	5,016	45.5

X Not applicable.

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, *e-reports, The Economic Contribution of Waikiki*.

**Table 7.31-- CONTRIBUTION TO THE STATES' ECONOMY BY STATEWIDE
VISITOR INDUSTRY AND WAIKIKI: 2002**

Measure of Tourism	Statewide Visitor Industry Contribution to Economy		Waikiki Contribution to State Economy	
	Number	Percent of State Economy	Number	Percent of State Economy
Direct Impact 1/ Gross State Product (GSP) 2/ Civilian Jobs 3/ State and Local Taxes (\$millions)	(X) 122,219 776	(X) 17.0 21.6	(X) 55,610 353	(X) 7.7 9.8
Direct and Indirect 4/ GSP (\$millions) 4/ Civilian Jobs 3/ State and Local Taxes (\$millions)	7,974 160,787 949	17.3 22.3 26.4	3,628 73,158 432	7.9 10.2 12.0

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, *e-reports, The Economic Contribution of Waikiki*.

Table 7.32-- VISITOR INDUSTRY PRICES, PRICE DEFLATOR, AND PRICE INDEXES: 1980 TO 2003

Year	Implicit price deflator 1/ (1996=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/	Eating out	Apparel	All items
1980	50.5	47.28	211.08	41.00	81.0	89.8	83.0
1981	55.7	49.73	296.09	51.00	88.5	94.5	91.7
1982	59.4	51.78	328.10	48.00	95.5	98.4	97.2
1983	62.6	54.78	353.14	49.95	100.1	101.4	99.3
1984	66.6	59.25	353.14	49.95	104.5	100.2	103.5
1985	70.0	68.84	364.00	44.95	108.6	99.6	106.8
1986	73.1	73.20	364.00	46.95	111.4	99.8	109.4
1987	75.8	80.09	486.00	48.95	115.6	102.5	114.9
1988	78.8	87.94	494.00	48.95	121.0	106.8	121.7
1989	81.6	95.83	524.00	44.95	122.2	104.3	128.7
1990	84.6	102.10	560.00	54.95	128.0	107.0	138.1
1991	88.3	101.89	642.00	65.95	133.6	110.5	148.0
1992	90.9	105.59	400.00	69.95	137.8	114.2	155.1
1993	93.6	103.26	566.00	74.00	141.9	116.5	160.1
1994	95.9	105.46	566.00	74.00	146.4	118.7	164.5
1995	98.1	6/ 109.39	596.00	74.00	149.2	117.5	168.1
1996	100.0	6/ 116.79	530.00	85.00	150.8	118.5	170.7
1997	102.3	6/ 124.96	521.00	80.00	152.6	117.3	171.9
1998	104.6	6/ 129.66	521.00	88.00	153.3	112.2	171.5
1999	106.9	6/ 131.66	536.00	94.75	158.3	105.4	173.3
2000	109.4	6/ 140.63	576.00	94.50	160.0	103.5	176.3
2001	112.5	6/ 144.88	692.00	95.25	164.0	101.0	178.4
2002	7/ 114.7	6/ 140.89	692.00	99.00	166.0	102.6	180.3
2003	7/ 117.1	144.44	714.00	119.00	167.1	98.5	184.5

1/ Hawaii State Department of Business, Economic Development, & Tourism, calculations. Base has been shifted from (1992=100) in previous databook to (1996=100) in current databook.

2/ For 1980-1994 Pannell Kerr Forster, *Trends in the Hotel Industry, Hawaii* (monthly). For 1995-2003 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).

4/ Regular fare, including taxes, as of July 1, by Hawaiian Airlines. From chronology in *Data Book*, 1999-2003 and Hawaiian Airlines, records.

5/ Honolulu CPI for all urban consumers, from U.S. Bureau of Labor Statistics.

6/ Data have been revised from previous year *Data Book*, due to new source of data.

7/ Preliminary

Source: See above footnotes.

**Table 7.33-- RETURNING RESIDENTS AND AVERAGE NUMBER ABSENT,
BY POINTS OF ORIGIN: 1993 TO 2002**

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

Source: Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records.

Table 7.34-- 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 7.35-- 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 7.36-- 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 7.37-- PASSPORTS ISSUED BY THE HONOLULU PASSPORT AGENCY:
2000 TO 2003**

[Calendar year data. The area served by the Honolulu Passport Agency includes Hawaii, American Samoa, Guam, the Northern Mariana Islands, Palau, the Federated States of Micronesia, the Republic of the Marshall Islands, and Taiwan (discontinued during 2002)]

Mailing address	2000	2001	2002	2003
Issued by Honolulu Office	66,540	65,392	74,897	61,722
Mailed to Hawaii addresses	43,060	43,849	50,133	45,634
Mailed outside the state	23,480	21,543	24,764	16,088

Source: U.S. Department of State, Honolulu Passport Agency, records.

Table 7.38-- PERFORMING ARTS, FOR OAHU: 2002-2003 SEASON

Name of organization and type of performance	Productions	Performances	Attendance
All reporting groups	88	318	257,004
Department of Enterprise Services, total	58	101	185,697
Dance	6	11	16,853
Classical concerts	18	34	38,142
Operas	3	15	20,916
Pop/rock shows	30	40	107,818
Stage shows	1	1	1,968
Diamond Head Theatre	6	88	35,441
U.S. Army Community Theatre	8	40	17,500
University of Hawaii at Manoa	16	89	18,366

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

**Table 7.39-- SYMPHONY ORCHESTRA ACTIVITIES:
1986-1987 TO 2002-2003**

Season	Average number of orchestra personnel	Number of performances	Total attendance	Operating expenses (dollars)
HONOLULU SYMPHONY ORCHESTRA				
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
HAWAII SYMPHONY ORCHESTRA				
1994-1995 3/	62	115	120,000	4,700,000
HONOLULU SYMPHONY ORCHESTRA				
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

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 7.40-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL
ATTRactions: 2001 TO 2003**

[Calendar year data unless otherwise specified]

Island and cultural attraction	2001	2002	2003
OAHU			
Battleship Missouri Memorial	377,844	362,703	360,000
Bernice P. Bishop Museum 1/	410,565	2/ 399,495	507,268
Byodo-In Temple	(NA)	109,641	(NA)
The Contemporary Museum 3/	35,474	35,753	38,581
Damien Museum and Archives	22,395	20,826	(NA)
Diamond Head State Monument 4/	1,300,000	(NA)	564,331
Foster Botanical Garden	44,277	44,433	40,620
Fred Ohrt Water Museum 5/	2,978	-	-
Halawa Shaft 6/	1,889	-	-
Halawa Xeriscape Garden 5/	3,786	-	-
Hawaii Maritime Center	52,172	(NA)	(NA)
Hawaii's Plantation Village	15,904	19,730	(NA)
Honolulu Academy of Arts	250,488	252,843	258,286
Honolulu Police Department Museum	7,500	7,800	9,300
Honolulu Zoo	560,000	500,101	500,000
Ho'omaluhia Botanical Garden	90,347	83,827	93,324
Iolani Palace State Monument 1/	69,938	56,005	55,571
Judiciary History Center	37,311	37,031	40,000
Mormon Temple Grounds (Church of Jesus Christ of Latter-Day Saints, Hawaii Temple Visitor's Center)	111,057	97,119	105,197
Polynesian Cultural Center	758,314	730,443	750,371
Puu o Mahuka Heiau State Monument 1/	20,000	(NA)	21,973
Queen Emma Summer Palace	15,757	14,614	17,074
Royal Mausoleum State Monument 1/	115,000	(NA)	-
Sea Life Park Hawaii	310,000	310,000	308,000
Tennent Art Foundation Gallery	2,050	2,500	2,500
Tropic Lightning Museum 7/	12,541	11,508	14,525
Ulu Po Heiau State Monument 1/	5,000	(NA)	6,570
U.S. Army Museum, Ft. DeRussy 7/	104,774	91,604	89,190
U.S.S. Arizona Memorial	1,443,956	1,507,560	1,476,396
U.S.S. Bowfin Submarine Museum	226,517	222,326	215,869
University of Hawaii Art Gallery	52,000	50,000	50,000
Waikiki Aquarium 1/	340,498	328,622	313,314
Waimea Valley Audubon Center 8/	235,319	273,382	78,475

Continued on next page.

**Table 7.40-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL
ATTRACTIONS: 2001 TO 2003 - Con.**

Island and cultural attraction	2001	2002	2003
HAWAII			
Amy B. H. Greenwell Ethnobotanical Garden	6,069	7,210	(NA)
Astronaut Ellison S. Onizuka Space Center	16,650	15,528	15,687
Greenwell Store Museum	1,057	867	1,433
Hawaii Tropical Botanical Garden	68,007	73,573	74,977
Hawaii Volcanoes National Park 9/	2,631,649	2,399,361	2,178,430
Hulihee Palace	25,977	26,784	26,192
Kona Coffee Living History Farm	(NA)	(NA)	4,540
Lyman House Memorial Museum	18,101	15,528	15,345
Nani Mau Gardens	95,126	102,850	108,200
Pacific Tsunami Museum	13,264	14,852	17,076
Panaewa Rainforest Zoo	85,000	120,000	133,086
Parker Ranch Historic Homes 10/	10,400	14,300	17,589
Parker Ranch Visitor Center 10/	10,500	13,200	19,000
Volcano Art Center	102,000	101,000	101,000
Wailoa Center 1/	63,119	(NA)	(NA)
MAUI			
Alexander & Baldwin Sugar Museum	31,004	33,386	32,818
Aquarium Maui/Maui Ocean Center	381,000	340,000	385,962
Haleakala National Park	1,440,062	1,550,168	1,444,668
Hana Cultural Center	17,009	16,114	(NA)
Hawaii Nature Center	41,003	(NA)	(NA)
Kula Botanical Gardens	24,200	27,050	26,030
Lahaina Restoration Foundation	210,349	154,898	143,341
Baldwin Missionary Home Museum	45,106	37,438	35,282
Brig <i>Carthaginian</i> 11/	39,476	19,343	-
Hale Pa'ahao (Old Lahaina Prison)	29,877	24,632	27,834
Hale Pa'i Printing House	3,184	2,101	2,416
Wo Hing Temple Museum	92,706	71,384	77,809
Maui Historical Society Bailey House Museum	11,681	12,780	12,003
Whalers Village Museum	177,024	186,508	176,495
KAUAI			
Gay & Robinson Sugar Plantation Visitor Center	8,927	10,621	12,955
Grove Farm Homestead	2,793	2,997	2,928
Kauai Children's Discovery Museum	19,000	20,000	(NA)
Kauai Museum	38,300	40,100	30,753
Kilauea Point National Wildlife Refuge 12/	400,000	400,000	500,000
Kokee Natural History Museum	100,650	112,170	109,748

Continued on next page.

**Table 7.40-- ATTENDANCE AT MUSEUMS AND OTHER CULTURAL
ATTRACTIONS: 2001 TO 2003 - Con.**

Island and cultural attraction	2001	2002	2003
KAUAI - con.			
Waioli Mission House	1,040	974	1,029
MOLOKAI			
Kalaupapa Settlement	8,956	14,178	9,791

NA Not available.

1/ Years ended June 30.

2/ Revised from previous year Data book.

3/ The Contemporary Museum also manages the First Hawaiian Center Gallery (2001 attendance--37,555, 2002 attendance--37,463, 2003 attendance--45,443).

4/ Years ended June 30. 2001 data are estimates, 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.

5/ Due to the events of September 11, 2001, all Board of Water Supply facilities were closed for security reasons and tours discontinued.

6/ Years ended June 30. The Halawa Shaft was closed July 1 to December 31, 2000. Due to the events of September 11, 2001, all Board of Water Supply facilities were closed for security reasons and tours discontinued.

7/ Fiscal year started on October 1 and ended on September 30.

8/ Formerly Waimea Falls Park. Figure includes data as of June 28, 2003 when the National Audubon Society assumed management of Waimea Management Corp.

9/ Kilauea Visitor Center and Jagger Museum are included in the total attendance at Hawaii Volcanoes National Park.

10/ Parker Ranch also runs the Parker Ranch Wagon Tour (2000 attendance--3,743, 2001 attendance--2,410, 2002 attendance--2,200, 2003 attendance--Not reported)

11/ Brig Carthaginian closed for all of 2003.

12/ 2001-2003 data are estimates.

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

Table 7.41-- NATIONAL PARKS: 1992 TO 2003

Year and area	Acreage, Dec. 31, 2003			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 1/	249,042	237,503	11,539	6,025,991
2003	365,830	354,291	11,539	5,935,099
AREAS: 2003				
Hawaii Volcanoes National Park 2/	323,431	323,431	-	2,178,430
Haleakala National Park	29,968	29,968	-	1,444,668
Pu'uuhonua o Honaunau National Historical Park	419	181	238	596,961
Kaloko-Honokohau National Historical Park	1,161	616	545	77,632
Pu'ukohola Heiau National Historic Site	61	61	-	103,040
U.S.S. Arizona Memorial 3/	11	11	-	1,476,396
Kalaupapa National Historical Park	10,779	23	10,756	57,972

1/ Data for Non-federal park acreage and Total acreage have been revised from previous databook.

2/ Data exclude the Oloa Forest Tract. This 9,654-acre tract is entirely in Federal ownership, is managed by the National Park Service, and has been designated as part of the wilderness system by the Congress, but it is not within the legally authorized boundary of the Hawaii Volcanoes National Park.

3/ The U.S.S. Arizona Memorial is wholly within the Pearl Harbor Naval Base. The acreage figure is the approximate extent of the total area over which the National Park Service has been granted use rights by the U.S. Navy.

Source: U.S. Department of the Interior, National Park Service, Pacific Islands Support Office, records.

Table 7.42-- STATE PARKS AND HISTORIC SITES: 1991 TO 2003

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
ISLANDS: 2002				
Hawaii	16	2,694	272.9	820
Maui	9	332	37.9	1,486
Molokai	1	234	10.0	36
Oahu	21	9,590	259.8	3,536
Kauai	9	13,756	131.5	3,052
ISLANDS: 2003				
Hawaii	16	2,694	272.9	4,126
Maui	9	332	37.9	1,715
Molokai	1	234	10.0	32
Oahu	21	9,590	259.8	4,135
Kauai	9	13,756	131.5	2,831

1/ Declines since 1992 reflect transfer of 9 areas to the counties, and also closure of all Kauai state parks from September 11, 1992 to March 20, 1993 because of damage caused by Hurricane Iniki.

Source: Hawaii State Department of Land and Natural Resources, Division of State Parks, records.

Table 7.43-- MAJOR STATE PARKS: 2003

[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	
2003			
Diamond Head State Monument 1/	475.0	8.0	1,820
Na Pali Coast State Park	6,175.0	4.0	741
Waimea Canyon State Park	1,866.4	10.0	727
Wailua River State Park	1,130.7	37.4	623
Kahana Valley State Park	5,256.5	26.0	52
Koikee State Park	4,345.0	55.0	225
Kekaha Kai State Park	1,642.5	5.0	64
Sacred Falls State Park 2/	1,375.9	10.0	-

1/ 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.

2/ Park closed since May 1999.

Source: Hawaii State Department of Land and Natural Resources, Division of State Parks, records.

**Table 7.44-- NATIONAL AND STATE HISTORIC SITES, BY ISLANDS:
2001 AND 2002**

[As of December 31]

Island	Total sites	Listed Hawaii Register only	Listed National Register only	Listed both Hawaii and National Register	Eligible for National Register 1/
2001					
State total	667	290	110	231	36
Hawaii	128	59	23	41	5
Maui	66	30	4	31	1
Kahoolawe	1	-	1	-	-
Lanai	2	-	-	2	-
Molokai	93	41	10	40	2
Oahu	295	122	68	82	23
Kauai	82	38	4	35	5
2002					
State total	697	318	110	233	36
Hawaii	137	67	23	42	5
Maui	66	30	4	31	1
Kahoolawe	1	-	1	-	-
Lanai	2	-	-	2	-
Molokai	93	41	10	40	2
Oahu	316	142	68	83	23
Kauai	82	38	4	35	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 7.45-- ZOOS: 2000 TO 2003

Subject and Zoo	2000	2001	2002	2003
Species: 1/				
Honolulu Zoo	303	300	265	260
Panaewa Rainforest Zoo (Hilo)	73	71	72	80
Individuals: 1/				
Honolulu Zoo	1,229	1,230	1,164	1,150
Panaewa Rainforest Zoo (Hilo)	171	169	142	193
Attendance:				
Honolulu Zoo	584,320	560,000	500,101	500,000
Panaewa Rainforest Zoo (Hilo) 2/	80,000	85,000	120,000	133,086

1/ Animal and bird inventory, December 31.

2/ Attendance figures for the Panaewa Rainforest Zoo for 2000, 2001 and 2002 are estimates.

Source: Data obtained by Hawaii State Department of Business, Economic Development & Tourism from the County of Hawaii and the Honolulu Zoo records.

Table 7.46-- AQUATIC COLLECTIONS: 2003

[For annual attendance, see table 7.40]

Phylum or class	Sea Life Park, June 30, 2003		Waikiki Aquarium, June 30, 2003	
	Species	Individuals	Species	Individuals
Total	137	3,681	416	2,195
Fishes	112	517	198	578
Reptiles	2	27	-	-
Mammals	5	55	1	2
Invertebrates	10	3,000	217	1,615
Birds	8	82	-	-

Source: Sea Life Park, records; Waikiki Aquarium, records.

Table 7.47-- COUNTY PARKS, BY ISLANDS: 2001 TO 2003

[As of December 31]

Island	Number			Acreage		
	2001	2002	2003	2001	2002	2003
State totals	632	645	649	9,015	9,200	11,440
Hawaii	135	135	136	1,377	1,433	1,468
Maui	124	130	130	1,107	1,212	1,212
Lanai	5	5	5	16	18	18
Molokai	14	15	15	75	77	77
Oahu	288	293	296	6,440	6,460	8,665
Kauai	66	67	67	412	487	487

Source: Compiled by the Hawaii State Department of Business, Economic Development & Tourism from data provided by County parks and recreation departments.

Table 7.48-- ATTENDANCE AND WATER SAFETY AT GUARDED BEACH PARKS, FOR THE CITY AND COUNTY OF HONOLULU: 2003

Beach park	Estimated attendance 1/	Rescues	Drownings	Surfing accidents
All parks	18,313,341	1,456	6	569
Ala Moana	1,791,399	66	2	23
Alii/Haleiwa	432,196	32	-	12
Bellows	151,617	24	-	-
Ehukai	488,627	34	1	36
Hanauma	1,923,249	418	2	-
Kailua	383,397	11	-	3
Keauwaula	100,197	16	-	15
KeWaena	243,938	12	-	11
Kualoa	242,060	6	-	-
Mali	330,483	28	-	2
Makaha	349,037	31	-	18
Makapuu	207,833	132	-	12
Nanakuli	315,997	30	-	4
Pokai Bay	383,118	9	-	1
Sandy	529,017	309	-	70
Sunset	640,318	23	-	8
Waikiki	8,643,482	179	1	325
Waimanalo	305,115	16	-	11
Waimea	852,261	80	-	18

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 7.49-- SWIMMING AND SURFING SITES, BY ISLANDS

Subject	Six islands	Hawaii	Maui	Lanai	Molokai	Oahu	Kauai
Miles of sandy shoreline 1/	184.9	19.4	32.6	18.2	23.2	50.3	41.2
Primary 2/	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 3/	1,600	185	212	99	180	594	330

1/ Surveyed in 1962.

2/ Safe, clean, accessible, and generally suitable for swimming.

3/ 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 7.50-- COUNTY TENNIS FACILITIES: 2001 TO 2003

[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
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

Source: Compiled by the Hawaii State Department of Business, Economic Development & Tourism from the County parks and recreation departments.

Table 7.51-- GOLF COURSES, BY NUMBER OF HOLES, OWNERSHIP, AND ISLANDS: 2003

Status, island, and ownership	Number of golf courses						Number of holes
	Total	9-hole	18-hole	27-hole	36-hole	54-hole	
State total	76	7	59	4	4	2	1,485
Hawaii	17	2	13	-	2	-	324
Municipal	1	-	1	-	-	-	18
Private	16	2	12	-	2	-	306
Maui	9	-	6	-	1	2	252
Municipal	1	-	1	-	-	-	18
Private	8	-	5	-	1	2	234
Lanai	3	1	2	-	-	-	45
Private	3	1	2	-	-	-	45
Molokai	2	1	1	-	-	-	27
Private	2	1	1	-	-	-	27
Oahu	36	2	30	3	1	-	675
Military	7	-	6	1	-	-	135
Municipal	6	1	5	-	-	-	99
Private	23	1	19	2	1	-	441
Kauai	9	1	7	1	-	-	162
Municipal	1	-	1	-	-	-	18
Private	8	1	6	1	-	-	144

Source: *The Honolulu Advertiser*, July 13, 2003.

**Table 7.52-- COUNTY GOLF COURSES AND CAMPING PERMITS,
FOR OAHU: 1991 TO 2003**

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

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 7.53-- SONY OPEN SCORES AND PURSES: 1992 TO 2004

[The Sony Open is held at the Waialae Country Club golf course.
Distance is 7,060 yards; par is 70/280]

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

Note: 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

Source: *Honolulu Star-Bulletin* and *The Honolulu Advertiser*, various issues.

Table 7.54-- PUBLIC HUNTING AREAS AND WILDLIFE SANCTUARIES AND REFUGES, BY ISLANDS: OCTOBER 30, 2003

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	0.0
Molokai	1	16.0	6	0.0
Oahu	12	25.0	18	0.7
Kauai	14	129.2	7	10.5

Source: Hawaii State Department of Land and Natural Resources, Division of Forestry and Wildlife, records.

Table 7.55-- FISHING AND HUNTING LICENSES ISSUED: 1998 TO 2003

[Years ended June 30]

Type of license	1998	1999	2000	2001	2002	2003
Freshwater fishing	6,946	7,197	5,279	6,277	7,537	(NA)
Hunting	10,061	9,810	9,804	9,295	9,751	9,095

NA Not available.

Source: Hawaii State Department of Land and Natural Resources, Division of Aquatic Resources and Division of Forestry and Wildlife, records.

Table 7.56-- FISHING, HUNTING, AND WILDLIFE-ASSOCIATED RECREATION OF PERSONS 16 YEARS OF AGE AND OLDER: 2001

[For 1980 survey results, see *Data Book 1984*, table 251]

Subject	All activities	Hunting and fishing			Wildlife watching
		Both	Fishing	Hunting	
Hawaii residents: 1/ 2/ Participants (1,000)	195	114	(NA)	(NA)	126
Taking place in Hawaii: 2/ Participants, total (1,000)	(NA)	(NA)	150	17	220
Hawaii residents	(NA)	(NA)	109	17	120
Residents of other states	(NA)	(NA)	3/ 41	(B)	141
Expenditures (million dollars)	272	140	125	15	131

B Sample size too small to report data reliably.

NA Not available

1/ Estimated population 16 years old or more was 916,000.

2/ Detail does not add to total because of multiple responses.

3/ Estimate based on small sample size.

Source: U.S. Fish and Wildlife Service and U.S. Bureau of the Census, *2001 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation* (June 2002), pp. 14, 20, 21, 23, 25, 26 and 28.

**Table 7.57-- HONOLULU MARATHON REGISTRANTS, FINISHERS AND
WINNING TIMES: 1992 TO 2003**

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

Source: Honolulu Marathon Association, records; Honolulu Marathon Records & Statistics, at <http://www.honolulumarathon.org/stats.html> accessed on January 22, 2004.

**Table 7.58-- IRONMAN TRIATHLON WORLD CHAMPIONSHIP
PARTICIPANTS, FINISHERS, AND WINNING TIMES: 1992 TO 2003**

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

Source: Ironman Triathlon World Championship, records; 1995-1998 race results from JTL Timing Systems Hawaii at <<http://www.ironmantri.com>> and 1999-2003 race results from <<http://www.ironmanlive.com>> accessed on November 3, 2002.

**Table 7.59-- TRANSPACIFIC YACHT CLUB'S HONOLULU RACE ENTRIES
AND WINNING TIMES: 1985 TO 2003**

[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 2,217 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

Source: Transpac 2003 website, <<http://www.transpacificyc.org>>.

**Table 7.60-- TOTAL ATTENDANCE AT FOOTBALL BOWL GAMES:
1998-1999 TO 2003-2004 SEASONS**

Bowl	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004
Oahu Bowl 1/	34,803	40,974	24,187	(X)	(X)	(X)
Aloha Bowl	34,803	40,974	24,397	(X)	(X)	(X)
Hawaii Bowl	(X)	(X)	(X)	(X)	31,535	25,551
Hula Bowl 2/ 3/	23,719	23,719	23,719	20,000	12,000	9,128
Pro Bowl	50,075	50,112	50,128	50,301	50,125	50,127

X Not applicable, the Oahu Bowl first played in 1998, Oahu Bowl and Aloha Bowl not played in 2001-2004 season, Hawaii Bowl first played in 2002.

1/ From 1998-99, the Aloha Bowl is played in conjunction with the Oahu Bowl, attendance numbers reflect total attendance during both games, in 2000 the Oahu Bowl and Aloha Bowl were played on separate days.

2/ The Hula Bowl has been played at Maui's War Memorial Stadium from the 1997-98 season.

3/ 2002-2003 figure represent an estimate as number reported at a "little over 12,000."

Source: *Honolulu Star-Bulletin* and *The Honolulu Advertiser*, various issues.

**Table 7.61-- VARSITY SPORTS SUMMARY FOR THE UNIVERSITY OF
HAWAII AT MANOA: 2000-2001 TO 2002-2003**

[Includes only games played against four-year collegiate teams]

Sports	Games played 1/				Home games	
	Total	Won	Lost	Tied	Home dates	Attendance
2000-2001						
Baseball	56	29	27	-	36	87,029
Basketball (men's)	31	17	14	-	18	116,802
Basketball (women's)	34	26	8	-	22	42,098
Football	12	3	9	-	8	298,719
Volleyball (men's)	26	19	7	-	16	82,711
Volleyball (women's)	33	31	2	-	22	153,688
2001-2002						
Baseball	56	16	40	-	35	94,804
Basketball (men's)	33	27	6	-	17	126,274
Basketball (women's)	31	23	8	-	18	32,910
Football	12	9	3	-	8	313,345
Volleyball (men's)	32	24	8	-	16	89,387
Volleyball (women's)	35	29	6	-	16	104,222
2002-2003						
Baseball	56	30	26	-	37	96,376
Basketball (men's)	31	19	12	-	16	117,621
Basketball (women's)	30	16	14	-	18	30,871
Football	14	10	4	-	8	310,074
Volleyball (men's)	30	24	6	-	19	102,858
Volleyball (women's)	38	36	2	-	22	158,596

1/ Volleyball data refer to matches.

2/ Number of home games (10) includes Jeep Oahu Bowl, but attendance from Bowl game not included in final totals since game was not UH sponsored.

Source: University of Hawaii, Office of Intercollegiate Athletics, Sports Media Relations, records.

**Table 7.62-- PUBLIC HIGH SCHOOL INTERSCHOLASTIC SPORTS:
2000-2001 TO 2002-2003 SEASONS**

Sport	Players	Games 1/	Attendance	Expenditure 2/ (dollars)
2000-2001:				
Baseball	Boys	(NA)	(NA)	14,281
Basketball	Boys and girls	437	17,771	74,512
Football	Boys	184	86,902	123,401
2001-2002:				
Baseball	Boys	(NA)	(NA)	19,127
Basketball	Boys and girls	440	17,282	91,726
Football	Boys	176	80,666	144,318
2002-2003				
Baseball	Boys	(NA)	(NA)	26,500
Basketball	Boys and girls	440	16,899	101,403
Football	Boys	176	72,038	158,958

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 Accountability and School Instructional Support, records.

Table 7.63-- PROFESSIONAL BOXING: 1993 TO 2003

Year	Number of promoters	Number of shows	Paid attendance	Gross receipts (dollars)
1993	1	1	472	12,385
1994	3	6	8,022	191,150
1995	2	4	2,636	48,280
1996	3	3	2,653	64,781
1997	2	3	1,967	44,645
1998	2	3	2,059	52,510
1999	1	1	479	10,120
2000	3	5	3,106	77,155
2001	3	6	3,489	141,235
2002	3	3	4,477	106,295
2003	1	2	2,623	79,875

Source: Hawaii State Department of Commerce and Consumer Affairs, Boxing Commission, records.

Table 7.64-- DOG LICENSES ISSUED, BY ISLANDS: 1993 TO 2003

[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	26,996	4,911	2/ 1,446	82	48	20,030	1,925
1996	29,677	5,381	2/ 699	32	58	21,245	2,961
1997	27,017	5,871	2/ 1,378	33	80	19,713	1,320
1998	27,996	5,777	2/ 649	35	83	19,861	2,240
1999	27,664	6,311	2/ 581	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	27,115	6,809	2/ 626	50	30	17,752	1,848
2003	29,519	6,786	2,901	12	47	16,673	3,100

NA Not available.

1/ Beginning in January 1995, 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/ Maui Humane Society figure not reported.

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 2000, 2001 and 2003).

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 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: 2003*, Section 7.

**Table 8.01-- POPULATION OF VOTING AGE, REGISTERED VOTERS, AND
VOTES CAST IN GENERAL ELECTIONS: 1994 TO 2002**

Subject	1994	1996	1998	2000	2002
Persons of voting age (1,000) 1/	875	886	902	2/ 3/ 917	2/ 3/ 946
Registered voters (1,000)	489	545	601	637	676
Percent	55.9	61.5	66.6	3/ 69.5	3/ 71.5
Votes cast (1,000)	377	370	413	371	385
Percent	43.1	41.8	45.8	3/ 40.5	3/ 40.8

1/ Resident population 18 years and over, including Armed Forces stationed in Hawaii, aliens, and institutional population. November estimates.

2/ July 1.

3/ Revised from previous *Data Book*.

Source: U.S. Census Bureau, <<http://www.census.gov/population/socdemo/voting/proj00/tab03.txt>>, *Table 3. Estimates and projections of the voting-age population, 1992 to 2000, and percent casting votes for president, by State: November 1992 and 1996*, internet release date: July 31, 2000; U.S. Census Bureau, Population Division, *State Characteristic Estimates*, release date: September 28, 2003; <<http://www.hawaii.gov/dbedt/popest/st-est2003-as200007.xls>> for 2000 revised, <<http://www.hawaii.gov/dbedt/popest/st-est2003-as2002.xls>> for 2002 revised; State of Hawaii, Office of Elections, records.

**Table 8.02-- REGISTERED VOTERS AND VOTES CAST IN PRIMARY AND
GENERAL ELECTIONS, BY COUNTIES: 2002**

Election and county	Registered voters			Votes cast	
	Both sexes	Male	Female	Number	Percent of reg. voters
PRIMARY ELECTION					
State total	667,679	324,162	343,517	274,517	41.1
Hawaii	88,499	42,586	45,913	35,647	40.3
Maui	77,946	38,430	39,516	27,985	35.9
Honolulu	464,673	225,423	239,250	192,146	41.4
Kauai	36,561	17,723	18,838	18,737	51.2
GENERAL ELECTION					
State total	676,242	328,310	347,932	385,462	57.0
Hawaii	89,478	43,042	46,436	50,368	56.3
Maui	79,045	38,983	40,062	41,554	52.6
Honolulu	470,327	228,151	242,176	270,071	57.4
Kauai	37,392	18,134	19,258	23,464	62.8

Source: State of Hawaii, Office of Elections, records.

**Table 8.03-- REGISTERED VOTERS AND VOTES CAST IN PRIMARY AND
GENERAL ELECTIONS: 1976 TO 2002**

Type and date of election	Registered voters			Votes cast	
	Both sexes	Male	Female	Number	Percent of reg. voters
PRIMARY ELECTIONS:					
1976: Oct. 2	353,249	175,276	177,973	251,457	71.2
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
GENERAL ELECTIONS:					
1976: Nov. 2	363,045	180,265	182,780	309,089	85.1
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

1/ Distribution by sex 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 21, 2002**

Office, party, and candidate	Votes	Office, party, and candidate	Votes
GOVERNOR		LIEUTENANT GOVERNOR, CONTINUED	
Democrat:		Republican:	
Hirono, M.	76,709	Aiona, J. R.	35,422
Case, E.	74,096	Tanonaka, D.	27,142
Anderson, D. G.	33,384	Cavasso, C.	10,085
Nitta, G. Jr.	747	Libertarian:	
Reyes, A. P.	568	Vaughan, K.	309
Fernandez, J.	491	Natural Law:	
Republican:		Stone, T.	357
Lingle, L.	70,808	Morimoto, D.	195
Carroll, J.	7,616	Free Energy:	
Young, C.	454	Powell, A.	75
Libertarian:		Nonpartisan:	
Ryan, T. A.	246	Ing, R.	166
Peabody, G.G.	116	Medeiros, M. K.	97
Natural Law:		U.S. HOUSE, DISTRICT 1	
Hill, K.	588	Democrat:	
Adler, J.	136	Abercrombie, N.	69,222
Free Energy:		Republican:	
Cunningham, D. H.	81	Terry, M.	8,826
Nonpartisan:		Bischoff, S. N.	8,065
Brewer, J.	136	Friel, H. J.	3,957
Tanabe, V. K.	57	White, O.	2,266
Ganzagan, J. M.	45	Libertarian:	
Sumiye, R. H.	29	Bracken, J. H.	148
Mesker, K.	14	U.S. HOUSE, DISTRICT 2	
Mattes, P. J.	13	Democrat:	
LIEUTENANT GOVERNOR		Mink, P. T.	67,246
Democrat:		Tataii, S.	14,178
Matsunaga, M.	99,178		
Hee, C.	49,342		
Ikeda, D. R.	22,461		
Franklin, M.	4,254		

Continued on next page.

**Table 8.04-- VOTES CAST FOR CANDIDATES FOR MAJOR OFFICES:
PRIMARY ELECTION, SEPTEMBER 21, 2002 -- Con.**

Office, party, and candidate	Votes	Office, party, and candidate	Votes
U.S. HOUSE, DISTRICT 2, CONTINUED		COUNTY OF MAUI, MAYOR	
Republican:		Apana, J.	12,388
McDermott, B	20,180	Arakawa, A. M.	10,162
Donovan, J. M.	7,948	Parsons, R. W.	3,819
		Riddick, B.	309
Libertarian:			
Mallan, J.	95		
Duquesne, L.	71		
Natural Law:			
Bedworth, N.	232		
COUNTY OF KAUAI, MAYOR			
Baptiste, B. J.	7,043		
Kouchi, R. D.	6,606		
Valenciano, R. G. B.	3,906		
Nimkie, D. S.	404		

Source: State of Hawaii, Office of Elections <<http://www.state.hi.us/elections/reslt02/primary/02swpri5.pdf>> accessed July 23, 2003.

**Table 8.05-- VOTES CAST BY PARTY BALLOT IN PRIMARY ELECTIONS:
1988 TO 2002**

Year	Total votes cast	Democratic	Republican	Other parties	Nonpartisan	Invalid or blank
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

Source: State of Hawaii, Office of Elections, records.

**Table 8.06-- VOTES CAST BY PARTY BALLOT IN PRIMARY ELECTION,
BY COUNTIES: SEPTEMBER 21, 2002**

Party	State total	County of Hawaii	County of Maui	City and County of Honolulu	County of Kauai
Total votes cast	274,517	35,647	27,985	192,246	18,737
Democratic	188,781	25,506	18,507	130,191	14,577
Free Energy	91	11	17	49	14
Green	160	160	-	-	-
Libertarian	383	61	63	239	20
Natural Law	758	92	164	461	41
Republican	79,871	9,458	8,718	58,132	3,563
Nonpartisan	322	26	21	270	9
Invalid	4,151	333	516	2,904	522

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 5, 2002**

Island	Number of precincts	Registered voters	Votes cast	Percent voting
State total	351	676,242	385,462	57.0
Hawaii	67	89,478	50,386	56.3
Maui	38	73,054	39,204	53.7
Lanai	1	1,747	797	45.6
Molokai: Molokai District	4	4,170	1,505	36.0
Kalawao District	1	74	48	64.9
Oahu 1/	219	470,327	270,109	57.4
Kauai	20	37,302	23,413	62.7
Niihau	1	90	51	56.7

1/ Includes the Northwestern Hawaiian Islands as part of the 51st Representative District. Includes count of overseas ballots.

Source: State of Hawaii, Office of Elections, records.

**Table 8.08-- AGE AND SEX OF REGISTERED VOTERS IN GENERAL ELECTION:
NOVEMBER 5, 2002**

Age	Both sexes	Male	Female
All ages	676,242	328,310	347,932
18 or 19 years	9,576	4,373	5,203
20 to 29 years	93,424	44,370	49,054
30 to 39 years	129,106	63,338	65,768
40 to 49 years	146,237	71,648	74,589
50 to 64 years	168,706	83,550	85,156
65 years and over	129,189	61,031	68,158
Not reported	4	-	4

Source: State of Hawaii, Office of Elections, records.

**Table 8.09-- VOTES CAST FOR MAJOR OFFICES: GENERAL ELECTIONS,
1988 TO 2002**

Office and election year	Total votes cast 1/	Democrat		Republican		Other parties: votes
		Candidate	Votes	Candidate	Votes	
PRESIDENT						
1988	354,461	Dukakis, M.	192,364	Bush G.	158,625	3,472
1992	372,842	Clinton, W.	179,310	Bush, G.	136,822	56,710
1996	360,120	Clinton, W.	205,012	Dole, R.	113,943	41,165
2000	367,951	Gore, A.	205,286	Bush, G.W.	137,845	24,820
U.S. SENATOR						
1988	323,876	Matsunaga, S.	247,941	Hustace, M.	66,987	8,948
1990	349,666	Akaka, D. 2/	188,901	Saiki, P.	155,978	4,787
1992	363,662	Inouye, D.	208,266	Reed, R.	97,928	57,468
1994	356,902	Akaka, D.	256,189	Hustace, M.	86,320	14,393
1998	398,124	Inouye, D.	315,252	Young, C.	70,964	11,908
2000	345,623	Akaka, D.	251,215	Carroll, J.	84,701	9,707
U.S. REPRESENTATIVE, DISTRICT 1						
1988	177,020	Bitterman, M.	76,394	Saiki, P.	96,848	3,778
1990	162,711	Abercrombie, N.	97,622	Liu, M.	62,982	2,107
1992	177,476	Abercrombie, N.	129,332	Sutton, W.	41,575	6,569
1994	176,706	Abercrombie, N.	94,754	Swindle, O.	76,623	5,329
1996	172,206	Abercrombie, N.	86,732	Swindle, O.	80,053	5,421
1998	189,571	Abercrombie, N.	116,693	Ward, G.	68,905	3,973
2000	157,194	Abercrombie, N.	108,517	Meyers, P.	44,989	3,688
2002	180,733	Abercrombie, N.	131,673	Terry, M.	45,032	4,028
U.S. REPRESENTATIVE, DISTRICT 2						
1988	162,808	Akaka, D.	144,802	None	-	18,006
1990	178,288	Mink, P.	118,155	Poepoe, A.	54,625	5,508
1992	180,955	Mink, P.	131,454	Price, K.	40,070	9,431
1994	177,396	Mink, P.	124,431	Garner, R.	42,891	10,074
1996	180,963	Mink, P.	109,178	Pico, T.	55,729	16,056
1998	207,871	Mink, P.	144,254	Douglass, C.	50,423	13,194
2000	183,230	Mink, P.	112,856	Francis, R.	65,906	4,468
2002	179,251	Mink, P. 3/	100,671	McDermott, B.	71,661	6,919

Continued on next page.

**Table 8.09-- VOTES CAST FOR MAJOR OFFICES: GENERAL ELECTIONS,
1988 TO 2002 -- Con.**

Office and election year	Total votes cast 1/	Democrat		Republican		Other parties: votes
		Candidate	Votes	Candidate	Votes	
STATE GOVERNOR						
1990	340,132	Waihee, J.	203,491	Hemmings, F.	131,310	5,331
1994	369,013	Cayetano, B.	134,978	Saiki, P.	107,908	4/ 126, 127
1998	407,556	Cayetano, B.	204,206	Lingle, L.	198,952	4,398
2002	382,110	Hirono, M.	179,647	Lingle, L.	197,009	5,454

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 <<http://www.hawaii.gov/elections>>.

**Table 8.10-- VOTES CAST FOR THE OFFICE OF MAYOR:
GENERAL ELECTIONS, 1992 TO 2002**

Election year	Total votes cast 1/	Top candidates				Other candidates: votes
		Winner				
		Candidate	Votes	Candidate	Votes	
CITY & COUNTY OF HONOLULU						
1992	263,328	Fasi, F. (R)	127,939	O'Connor, D. (D)	124,719	10,670
1994 2/ 1996 3/ 2000 4/	254,780	Harris, J.	146,034	Morgado, A.	108,746	-
COUNTY OF HAWAII						
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
COUNTY OF MAUI						
1994	35,373	Lingle, L. (R)	18,188	Hokama, G. (D)	15,304	1,881
1998	42,451	Apana, J. (D)	22,350	Arakawa, A. (R)	20,101	-
2002	40,671	Arakawa, A. (R)	20,887	Apana, J. (D)	19,784	-
COUNTY OF KAUAI						
1994	21,309	Kusaka, M. (R)	11,321	Tehada, J. (D)	9,988	-
1998	23,679	Kusaka, M. (R)	14,115	Thronas, M. (D)	9,564	-
2002 3/	22,691	Baptiste, B.	12,174	Kouchi, R.	10,517	-

D Democrat.

G Hawaii Green.

R Republican.

1/ Excludes over votes and blank votes.

2/ 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.

3/ Nonpartisan election.

4/ 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.

Source: State of Hawaii, Office of Elections <<http://www.hawaii.gov/elections>>.

**Table 8.11-- VOTES CAST FOR MAJOR OFFICES, BY COUNTIES:
GENERAL ELECTION, NOVEMBER 5, 2002**

Office, candidate and party 1/	County of Hawaii	County of Maui	City and County of Honolulu	County of Kauai
U.S. HOUSE, DISTRICT 1				
Abercrombie, N. (D)	-	-	131,673	-
Terry, M. (R)	-	-	45,032	-
Bracken, J. (L)	-	-	4,028	-
U.S. HOUSE, DISTRICT 2				
Mink, P. (D)	26,887	22,402	37,437	13,945
McDermott, R. (R)	18,197	14,435	33,132	5,897
Mallen, J. (L)	1,322	1,170	1,728	499
Bedworth, N. (NL)	497	559	889	255
GOVERNOR / LT. GOVERNOR				
Lingle / Aiona (R)	25,530	20,738	141,315	9,426
Hirono / Matsunaga (D)	23,602	19,513	123,180	13,352
Hill / Stone (NL)	411	530	1,437	183
Ryan / Vaughan (L)	272	152	872	68
Brewer / Ing (N)	104	142	848	53
Cunningham / Powell (F)	49	69	242	22
COUNTY OF MAUI MAYOR				
Arakawa, A.	-	20,887	-	-
Apana, J.	-	19,784	-	-
COUNTY OF KAUAI MAYOR				
Baptiste, B.	-	-	-	12,174
Kouchi, R.	-	-	-	10,517

1/ C, Constitution; D, Democrat; F, Free Energy; L, Libertarian; NL, Natural Law; R, Republican.

Source: State of Hawaii, Office of Elections, records.

**Table 8.12-- NEIGHBORHOOD BOARD ELECTIONS, FOR OAHU:
1989 TO 2003**

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

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 2002**

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	-

Source: Hawaii State Office of Elections, records; *Hawaii State Legislature Members of the Senate* at <<http://www.capitol.hawaii.gov/site1/senate/members/members.asp?press1=senate&press2=members>> and *Hawaii State Legislature Members of the House* at <<http://www.capitol.hawaii.gov/site1/house/members/members.asp?press1=house&press2=members>> accessed July 30, 2003.

Table 8.14-- LENGTH OF LEGISLATIVE SESSIONS: 1992 TO 2003

Year	Regular sessions		Special sessions	
	Date convened	Length 1/	Date convened	Length 1/
1992	Jan. 15	107	None	-
1993	Jan. 20	104	Aug. 23	22
1994	Jan. 19	104	None	-
1995	Jan. 18	104	2/ June 5	3/ 7
1996	Jan. 17	104	None	-
1997	Jan. 15	107	None	-
1998	Jan. 21	4/ 114	None	-
1999	Jan. 20	105	None	-
2000	Jan. 19	105	5/ Aug. 3	6/ 18
2001	Jan. 17	107	7/ June 4	8/ 18
2002	Jan. 16	107	None	-
2003	Jan. 15	107	July 8	1

1/ Calendar days, including Saturdays, Sundays, holidays, and mandatory five-day recess required by Art. III, sec. 10, of the Hawaii Constitution.

2/ The Second Special Session of 1995 convened on September 20.

3/ Combined length for First Special Session (5 days) and Second Special Session (2 days).

4/ Session extended by Governor Cayetano from May 7 to May 14, 1998.

5/ The Second Special Session of 2000 convened on Aug. 7.

6/ Combined length for the First Special Session (2 days) and Second Session (16 days).

7/ The Second Special Session of 2001 convened on July 10 and the Third Special Session of 2001 convened on Oct. 22.

8/ Combined length for the First Special Session (5 days), Second Special Session (1 day), and Third Special Session (12 days).

Source: Legislative Reference Bureau, records.

**Table 8.15-- LEGISLATIVE BILLS AND RESOLUTIONS, BY DISPOSITION:
2002 TO 2003**

Action	Session		
	2002	2003	2003
	Regular	Regular	Special
House bills:			
Carried over from previous year	1,521	-	-
Introduced	1,163	1,691	-
Passed 1/	179	122	-
Vetoed	19	21	-
Became law 2/	158	101	1
Senate bills:			
Carried over from previous year	1,461	-	-
Introduced	1,087	1,710	-
Passed 1/	134	146	-
Vetoed	28	26	-
Became law 3/	105	120	4
House resolutions:			
Offered	180	207	2
Adopted	83	113	2
House concurrent resolutions:			
Offered	212	231	-
Adopted	39	48	-
Senate resolutions:			
Offered	122	155	2
Adopted	52	85	2
Senate concurrent resolutions:			
Offered	182	206	-
Adopted	42	29	-

1/ The 2002 totals include bills proposing constitutional amendments: H.B. 1012, H.B. 2848, and S.B. 996. The 2002 total includes S.B. 748 which did not meet the constitutional requirements of Article III, Section 15 of the Hawaii State Constitution.

2/ The 2002 total includes H.B. 1245, H.B. 1800, and H.B. 2827 which contains vetoed item(s). The 2002 total includes H.B. 2167 and H.B. 2451 which became law without the Governor's signature. The 2003 total includes H.B. 1230 which contained vetoed item(s) that were overridden during the Special Session of 2003 and became Act 3 of 2003 Special Session. The 2003 total includes H.B. 389 and H.B. 595 which became law without the Governor's signature. The 2003 Special Session total includes H.B. 282 which was vetoed then overridden during the Special Session of 2003.

3/ The 2002 total includes S.B. 706 and S.B. 3047 which contain vetoed item(s). The 2003 total includes S.B. 58 and S.B. 1305 which contained vetoed item(s). The 2003 total includes S.B. 616 which became law without the Governor's signature. The 2003 Special Session total includes S.B. 255, S.B. 317, S.B. 745, and S.B. 768 which were vetoed then overridden during the Special Session of 2003. The 2003 Special Session total also includes S.B. 1305 which contained vetoed items that were overridden during the Special Session of 2003.

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: 2003*, Sections 8 and 9.

**Table 9.01-- FEDERAL, STATE, AND COUNTY TAX COLLECTIONS:
1980 TO 2003**

[In thousands of dollars. For fiscal years ended 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

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); *IRS Data Book* (annual, beginning 1992); and for 2001 to 2003 <<http://www.irs.ustreas.gov/taxstats/article/0,,id=102174,00.html>> accessed April 5, 2004; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 9.02-- FEDERAL TAX COLLECTIONS, BY SOURCE: 1999 to 2003

[In thousands of dollars. For fiscal years ended 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 other state(s). Collections are gross, i.e. not net of refunds]

Source	1999	2000	2001	2002	2003
Federal collections	5,566,221	6,236,857	6,689,385	5,559,960	5,262,429
Corporate income	586,558	501,902	348,429	606,173	381,241
Individual income and employment	4,782,537	5,562,189	6,026,480	4,779,462	4,715,641
Income tax not withheld & SECA 1/	1,040,769	1,243,348	1,347,770	1,196,020	1,071,230
Income tax withheld & FICA 2/	3,722,624	4,298,895	4,652,610	3,564,027	3,624,828
Railroad retirement	4	4	2	-	-
Unemployment insurance	19,140	19,942	26,097	19,415	19,583
Estate	101,810	63,159	81,105	70,828	62,306
Gift	7,770	8,607	10,960	17,195	5,758
Excise 3/	87,545	101,000	222,411	86,302	97,482

1/ SECA Self employment insurance contributions.

2/ FICA Federal Insurance Contributions Act, includes old-age, survivors, disability, and hospital insurance taxes on wages and salaries.

3/ 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, for 1998-2000, *IRS Data Book 1998, 1999, 2000* <http://www.irs.ustreas.gov/prod/tax_stats/soi/other_ia.html> accessed January 25, 2002; 2001 (March 2002), table 6 <<http://www.irs.ustreas.gov/pub/irs-soi/01db06co.xls>> accessed July 15, 2002; 2002 (March 2003), table 6 <<http://www.irs.ustreas.gov/pub/irs-soi/02db06co.xls>> accessed May 12, 2003; and 2003 (March 2004), table 6 <<http://www.irs.ustreas.gov/pub/irs-soi/03db06co.xls>> accessed April 5, 2004.

**Table 9.03-- STATE AND COUNTY TAX COLLECTIONS, BY SOURCE:
1998 TO 2003**

[Data rounded to thousands of dollars. For fiscal year ended 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-- ESTIMATED STATE AND LOCAL TAXES PAID BY A FAMILY OF FOUR, FOR HONOLULU AND THE MEDIAN AND AVERAGE OF 51 MAJOR CITIES: 1999 TO 2002

Gross family income level (dollars)	Honolulu			51-city median 1/		51-city average	
	Taxes (dollars)	Percent of income	Rank 2/	Taxes (dollars)	Percent of income	Taxes (dollars)	Percent of income
1999							
25,000	2,172	8.7	12	1,938	7.8	2,024	8.1
50,000	4,512	9.0	18	4,160	8.3	4,296	8.6
75,000	7,368	9.8	17	6,836	9.1	6,968	9.3
100,000	10,010	10.0	17	9,424	9.4	9,371	9.4
150,000	15,449	10.3	18	14,565	9.7	14,397	9.6
2000							
25,000	2,205	8.8	13	2,003	8.0	2,007	8.0
50,000	4,340	8.7	15	3,954	7.9	4,019	8.0
75,000	7,141	9.5	16	6,507	8.7	6,584	8.8
100,000	9,709	9.7	16	8,986	9.0	8,982	9.0
150,000	14,939	10.0	16	14,024	9.3	13,718	9.1
2001							
25,000	1,759	7.0	30	1,779	7.1	1,859	7.4
50,000	4,107	8.2	28	4,299	8.6	4,185	8.4
75,000	6,767	9.0	26	6,767	9.0	6,978	9.3
100,000	9,246	9.2	27	9,289	9.3	9,507	9.5
150,000	14,338	9.6	26	14,338	9.6	14,507	9.7
2002							
25,000	1,763	7.1	25	1,763	7.1	1,787	7.1
50,000	3,999	8.0	29	4,152	8.3	4,153	8.3
75,000	6,668	8.9	29	6,858	9.1	6,774	9.0
100,000	9,037	9.0	29	9,419	9.4	9,188	9.2
150,000	13,890	9.3	30	14,057	9.4	13,946	9.3

1/ Largest city in each state, and the District of Columbia. For the listing of cities, see source.

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 National Comparison* (annual), table 1 and <<http://cfo.dc.gov/cfo/cwp/view,a,1324,q,612643.asp>> accessed January 13, 2004.

**Table 9.05-- ESTIMATED TAX FREEDOM DAY FOR THE UNITED STATES,
EACH OF THE 50 STATES AND THE DISTRICT OF COLUMBIA: 2004**

[Tax Freedom Day is used to illustrate the portion of the American budget that goes to pay taxes.
See source for details]

Area	Tax Freedom Day	Rank 1/	Number of Days		
			Total Taxes	Federal Taxes	State/Local Taxes
U.S.	April 11	(X)	101	65	36
Alabama	April 1	49	91	58	33
Alaska	March 26	50	85	62	23
Arizona	April 9	22	99	63	36
Arkansas	April 4	39	94	59	35
California	April 13	10	103	68	35
Colorado	April 11	14	101	68	33
Connecticut	April 28	1	118	80	38
Delaware	April 5	33	95	66	29
Florida	April 8	25	98	66	32
Georgia	April 9	21	99	63	36
Hawaii	April 8	23	98	57	41
Idaho	April 5	35	95	58	37
Illinois	April 11	13	101	66	35
Indiana	April 7	28	97	61	36
Iowa	April 3	41	93	58	35
Kansas	April 6	30	96	60	36
Kentucky	April 5	36	95	59	36
Louisiana	April 2	44	92	56	36
Maine	April 15	6	105	61	44
Maryland	April 11	15	101	65	36
Massachusetts	April 18	4	108	74	34
Michigan	April 10	20	100	63	37
Minnesota	April 12	12	102	64	38
Mississippi	April 2	45	92	56	36
Missouri	April 4	40	94	61	33
Montana	April 4	37	94	59	35
Nebraska	April 5	34	95	58	37
Nevada	April 13	9	103	68	35
New Hampshire	April 7	27	97	70	27
New Jersey	April 19	3	109	73	36
New Mexico	April 10	18	100	65	35
New York	April 27	2	117	71	46
North Carolina	April 6	32	96	61	35
North Dakota	April 3	42	93	58	35

Continued on next page.

**Table 9.05-- ESTIMATED TAX FREEDOM DAY FOR THE UNITED STATES,
EACH OF THE 50 STATES AND AND DISTRICT OF COLUMBIA: 2004- Con.**

Area	Tax Freedom Day	Rank 1/	Number of Days		
			Total Taxes	Federal Taxes	State/Local Taxes
Ohio	April 10	17	100	59	41
Oklahoma	April 2	46	92	59	33
Oregon	April 6	31	96	62	34
Pennsylvania	April 6	29	96	62	34
Rhode Island	April 16	5	106	66	40
South Carolina	April 1	47	91	59	32
South Dakota	April 2	43	92	60	32
Tennessee	April 1	48	91	61	30
Texas	April 7	26	97	66	31
Utah	April 8	24	98	59	39
Vermont	April 10	16	100	63	37
Virginia	April 10	19	100	66	34
Washington	April 15	7	105	69	36
West Virginia	April 4	38	94	56	38
Wisconsin	April 13	11	103	63	40
Wyoming	April 14	8	104	72	32
Dist. of Columbia	April 27	(X)	117	71	46

X Not applicable.

1/ Rank is among the 50 states where 50 indicates the earliest Tax Freedom Day in the year 2004.

Source: Tax Foundation, Special Report No. 129, "America Celebrates Tax Freedom Day" tables 2, 4, 5, and 6 (April 7, 2004) <<http://www.taxfoundation.org/SR129.pdf>> accessed April 8, 2004.

Table 9.06--STATE BUSINESS TAX CLIMATE INDEX TOTAL AND BY COMPONENT: 2002

[The higher the score, the more favorable the state's tax system is 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. See source for details]

Location	Total score	Index Rank					
		Total	Individual income tax	Corporate income tax	Individual Receipts Tax	Sales and Gross Fiscal Balance	Tax Base Conformity
United States	5.97	(X)	(X)	(X)	(X)	(X)	(X)
Alabama	6.58	16	5	28	9	19	4
Alaska	7.64	5	50	1	1	2	14
Arizona	6.46	17	17	19	38	9	12
Arkansas	4.43	48	47	41	37	34	25
California	4.36	49	28	44	30	49	48
Colorado	7.69	4	5	14	7	17	11
Connecticut	5.11	37	21	22	48	47	34
Delaware	6.58	15	27	34	1	6	37
Dist. of Columbia	4.55	(X)	(X)	(X)	(X)	(X)	(X)
Florida	7.41	7	5	1	32	8	25
Georgia	5.83	25	5	40	12	39	19
Hawaii	4.73	45	42	47	43	30	13
Idaho	5.43	33	23	46	17	37	23
Illinois	6.71	14	20	8	20	23	41
Indiana	7.04	11	24	8	21	28	19
Iowa	5.10	38	40	47	22	10	28
Kansas	5.20	36	44	25	36	32	10
Kentucky	5.37	35	39	36	23	25	16
Louisiana	4.87	41	41	23	24	43	37
Maine	4.83	43	36	37	17	50	27
Maryland	5.53	31	19	31	16	27	44
Massachusetts	6.90	12	32	15	10	31	21
Michigan	6.39	18	38	13	33	13	31
Minnesota	4.84	42	33	24	46	34	47
Mississippi	3.97	50	48	25	49	42	31
Missouri	5.89	23	14	49	11	40	4
Montana	6.33	22	16	50	1	22	15

Continued on next page.

Table 9.06--STATE BUSINESS TAX CLIMATE INDEX TOTAL AND BY COMPONENT: 2002 -- Con.

Location	Total score	Total	Index Rank				
			Individual income tax	Corporate income tax	Individual Receipts Tax	Sales and Gross Fiscal Balance	Tax Base Conformity
Nebraska	4.67	46	45	33	29	25	40
Nevada	7.91	3	1	1	35	20	1
New Hampshire	8.05	2	37	8	1	1	45
New Jersey	5.09	40	29	30	30	11	49
New Mexico	5.58	29	34	38	45	24	6
New York	4.80	44	21	35	14	41	50
North Carolina	5.85	24	17	21	15	36	39
North Dakota	5.43	32	49	16	19	45	7
Ohio	4.45	47	46	27	34	46	36
Oklahoma	5.80	27	5	45	12	33	17
Oregon	7.20	9	15	38	1	3	7
Pennsylvania	6.38	19	35	8	39	21	41
Rhode Island	5.55	30	29	18	42	48	30
South Carolina	5.81	26	5	42	27	16	21
South Dakota	7.63	6	1	1	40	15	9
Tennessee	7.04	10	5	8	41	5	33
Texas	6.75	13	26	1	43	4	46
Utah	5.40	34	5	43	26	43	23
Vermont	6.36	20	43	17	8	14	17
Virginia	6.36	21	5	31	6	18	29
Washington	7.37	8	1	1	50	12	1
West Virginia	5.10	39	31	29	47	38	34
Wisconsin	5.69	28	24	20	28	29	43
Wyoming	8.30	1	1	1	24	7	1

X Not applicable.

Source: Tax Foundation, Background Paper No. 41, "State Business Tax Climate Index" (May, 2003) Tables 1 and 2 <<http://www.taxfoundation.org/bp41.pdf>> accessed July 21, 2003.

Table 9.07-- ESTIMATED TAX BURDEN FOR THE FOUR-PERSON ALOHA FAMILY ON OAHU: 1970, 1988 AND 1999

[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 other underlying assumptions, see sources]

Subject	1970 (dollars)	1988 (dollars)	1999 (dollars)	1999 as percent of total	
				Tax burden	Gross family income
Total tax burden	5,559	25,610	31,107	100.0	37.6
Federal income	2,130	8,096	6,623	21.3	8.0
State income	693	3,693	3,477	11.2	4.2
Social security 1/	1,247	7,758	12,394	39.8	15.0
General excise	304	1,207	3,580	11.5	4.3
Real property	366	1,006	1,099	3.5	1.3
Employment 2/	527	3,301	3,112	10.0	3.8
Specific excise 3/	67	161	200	0.6	0.2
Automobile	225	388	622	2.0	0.8
Direct tax bill	4,342	18,432	19,288	62.0	23.3
Indirect tax bill	1,217	7,178	11,819	38.0	14.3
Gross family income	16,408	62,716	82,840	(X)	100.0
After taxes	10,898	37,106	51,733	(X)	62.4

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: 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 9.08-- HAWAII STATE GOVERNMENT FINANCES: 2000 TO 2002

[Thousands of dollars. For fiscal year ending June 30]

Category	2000	2001	2002
Total revenue	6,940,637	6,591,146	5,868,714
General revenue	5,728,976	6,045,188	6,042,317
Intergovernmental revenue	1,128,102	1,213,905	1,366,988
Taxes	3,334,743	3,507,770	3,420,671
General sales	1,536,276	1,640,038	1,612,333
Selective sales	515,636	557,802	505,615
License taxes	110,917	116,464	111,801
Individual income	1,064,317	1,105,058	1,111,590
Corporate income	75,271	60,499	52,640
Other taxes	32,326	27,909	26,692
Current charges	845,011	858,487	766,063
Miscellaneous general revenue	421,120	465,026	488,595
Insurance trust revenue	1,211,661	545,958	-173,603
Total expenditure	6,604,609	6,792,058	7,445,512
General expenditure, by function:	5,975,493	6,144,750	6,683,606
Education	1,853,805	2,192,291	2,257,402
Public welfare	1,033,386	1,038,087	1,125,980
Hospitals	192,039	170,918	184,789
Health	398,125	391,234	453,500
Highways	226,137	232,544	235,699
Police protection	4,953	8,471	9,228
Correction	154,622	148,607	157,286
Natural resources	79,575	91,313	98,076
Parks and recreation	45,851	46,238	49,595
Government administration	316,283	328,096	376,034
Interest on general debt	482,948	318,436	462,296
Other and unallocable	1,187,769	1,178,515	1,273,721
Insurance trust expenditure	629,116	647,308	761,906
General expenditure	5,975,493	6,792,058	6,683,606
Intergovernmental expenditure	157,902	124,448	130,387
Direct expenditure	5,817,591	6,667,610	6,553,219
Debt at end of fiscal year	5,592,207	5,300,649	5,656,333
Cash and security holdings	12,773,187	13,478,165	12,987,538

Source: U.S. Department of Commerce, *State Government Finances*
<http://www.census.gov/govs/state/00sthi.html> and
<http://www.census.gov/govs/www/state01.html> accessed May 11, 2003; and
<http://www.census.gov/govs/state/0212hist.html> accessed March 25, 2004 and calculations by
Hawaii State Department of Business, Economic Development & Tourism.

Table 9.09-- HAWAII STATE GOVERNMENT FINANCES: 2002

[Amount in thousands of dollars, per capita in dollars. For fiscal year ending June 30]

Category	Amount	Percent distribution	Per capita
Total revenue	5,868,714	100.00	4,729.02
General revenue	6,042,317	102.96	4,868.91
Intergovernmental revenue	1,366,988	23.29	1,101.52
Taxes	3,420,671	58.29	2,756.38
General sales	1,612,333	27.47	1,299.22
Selective sales	505,615	8.62	407.43
License taxes	111,801	1.91	90.09
Individual income	1,111,590	18.94	895.72
Corporate income	52,640	0.90	42.42
Other taxes	26,692	0.45	21.51
Current charges	766,063	13.05	617.29
Miscellaneous general revenue	488,595	8.33	393.71
Insurance trust revenue	-173,603	-2.96	-139.89
Total expenditure	7,445,512	100.00	5,999.61
General expenditure, by function:	6,683,606	89.77	5,385.66
Education	2,257,402	30.32	1,819.02
Public welfare	1,125,980	15.12	907.32
Hospitals	184,789	2.48	148.90
Health	453,500	6.09	365.43
Highways	235,699	3.17	189.93
Police protection	9,228	0.12	7.44
Correction	157,286	2.11	126.74
Natural resources	98,076	1.32	79.03
Parks and recreation	49,595	0.67	39.96
Government administration	376,034	5.05	303.01
Interest on general debt	462,296	6.21	372.52
Other and unallocable	1,273,721	17.11	1,026.37
Insurance trust expenditure	761,906	10.23	613.95
General expenditure	6,683,606	100.00	5,385.66
Intergovernment expenditure	130,387	1.95	105.07
Direct expenditure	6,553,219	98.05	5,280.60
Debt at end of fiscal year	5,656,333	100.00	4,557.88
Cash and security holdings	12,987,538	100.00	10,465.38

Source: U.S. Department of Commerce, *State Government Finances: 2002*
 <<http://www.census.gov/govs/state/0212hist.html>> accessed March 25, 2004 and calculations by
 Hawaii State Department of Business, Economic Development & Tourism.

Table 9.10-- 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 9.11-- STATE GOVERNMENT EXPENDITURES, ALL FUND TYPES, BY FUNCTION: 1994 TO 2003

[In millions of dollars. For fiscal year ending June 30. Data include general, capital projects, special revenue, debt service and proprietary fund expenditures. Data are not comparable to Table 9.11 in previous *Data Book*]

Functions	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total expenditures	4,245	4,364	4,505	4,722	4,485	4,641	4,573	4,703	5,685	5,972
General government	432	423	404	404	413	489	442	483	474	429
Public safety	166	174	164	165	185	199	203	201	240	257
Highways	86	102	94	115	111	111	115	131	236	255
Conservation of natural resources	39	38	33	36	37	45	41	51	57	66
Health	309	328	279	311	329	386	399	431	500	513
Welfare	812	1,023	1,236	1,278	1,210	1,222	1,226	1,248	1,334	1,418
Education	868	920	891	888	949	1,007	1,035	1,050	2,134	2,321
Culture and recreation	60	66	57	55	52	52	56	57	68	71
Urban redevelopment and housing	14	30	26	21	15	11	10	10	12	17
Economic devel. and assistance	164	196	176	163	155	166	192	200	267	231
Soc. security and pension contrib.	229	150	222	226	222	159	85	91	-	-
Intergovernmental	2	4	3	3	-	-	-	-	-	-
Debt service	321	345	416	426	406	390	384	402	363	394
Capital outlay	725	554	488	611	373	376	376	335	-	-
Other	18	11	16	20	28	28	9	13	-	-

Source: Hawaii State Department of Accounting and General Services *Comprehensive Annual Financial Report For The Fiscal Year Ended June 30, 2003* (p.125) <<http://www.hawaii.gov/dags/rpts/rpts/divisions/divisions/Accounting/divisions/Accounting/cafr2003.pdf>> accessed June 28, 2004.

**Table 9.12-- COUNTY GOVERNMENT OPERATING REVENUES,
BY SOURCE: 2003**

[Data are rounded to thousands of dollars. For fiscal year ending June 30]

Subject	All counties	City & Co. of Honolulu	County of Maui	County of Hawaii	County of Kauai
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	0
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 9.13-- COUNTY GOVERNMENT OPERATING EXPENDITURES,
BY OBJECT: 2003**

[Data are rounded to thousands of dollars. For fiscal year ended 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 9.14-- NUMBER OF EXEMPTIONS AND ADJUSTED GROSS INCOME REPORTED ON INDIVIDUAL FEDERAL INCOME TAX RETURNS: TAX YEARS 1980 TO 2001

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/)

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; *Spring 1995*, p. 132; *Spring 1996*, p. 118; *Spring 1997*, p. 151; *Spring 1998*, p. 163; *Spring 1999* <<http://ftp.fedworld.gov/pub/irs-soi/97in12hi.exe>>; *Spring 2000* <<http://ftp.fedworld.gov/pub/irs-soi/98in12hi.xls>>; *Spring 2001* (p. 235) <<http://ftp.fedworld.gov/irs-soi/99in12hi.xls>> accessed July 28, 2001; *Spring 2002* and <<http://www.irs.ustreas.gov/pub/irs-soi/00in12hi.xls>> accessed July 15, 2002; and <<http://www.irs.ustreas.gov/pub/irs-soi/01in12hi.xls>> accessed July 21, 2003; and *Spring 2003*; and calculations by Hawaii State Department of Business, Economic Development & Tourism, and records.

Table 9.15-- ADJUSTED GROSS INCOME AND INCOME TAX, BY SIZE OF ADJUSTED GROSS INCOME, FOR INDIVIDUAL FEDERAL INCOME TAX RETURNS: TAX YEARS 2000 AND 2001

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 2/ (dollars)
2000					
All returns	572,178	23,929,238	464,713	3,281,126	7,061
Under \$20,000 2/	222,194	1,688,249	127,132	107,842	3/ 848
\$20,000 under \$30,000	87,354	2,161,736	78,741	161,827	3/ 2,055
\$30,000 under \$50,000	108,158	4,218,157	104,926	399,433	3,807
\$50,000 under \$75,000	75,867	4,644,084	75,406	512,499	6,797
\$75,000 under \$100,000	38,642	3,325,302	38,592	440,517	11,415
\$100,000 under \$200,000	31,978	4,138,524	31,935	712,249	22,303
\$200,000 or more	7,985	3,753,186	7,981	946,760	118,627
Median income	27,314	(X)	(X)	(X)	(X)
2001					
All returns	577,693	23,882,640	458,738	3,089,124	6,734
Under \$20,000 2/	220,052	1,756,810	119,173	94,657	794
\$20,000 under \$30,000	90,192	2,234,342	78,339	157,042	2,005
\$30,000 under \$50,000	111,389	4,341,944	106,096	393,341	3,707
\$50,000 under \$75,000	77,914	4,771,226	77,126	507,614	6,582
\$75,000 under \$100,000	39,241	3,371,171	39,144	430,600	11,000
\$100,000 under \$200,000	31,545	4,068,392	31,507	679,567	21,569
\$200,000 or more	7,360	3,338,754	7,353	826,305	112,377
Median income	27,628	(X)	(X)	(X)	(X)

X Not applicable.

1/ Filed in following year.

2/ Includes returns with adjusted gross deficit.

3/ Revised.

Source: U.S. Treasury Department, Internal Revenue Service, *SOI Bulletin*, <<http://www.irs.gov/pub/irs-soi/00in12hi.xls>> and <<http://www.irs.gov/pub/irs-soi/01in12hi.xls>> accessed June 18, 2003; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 9.16-- CHARACTERISTICS OF INDIVIDUAL FEDERAL INCOME TAX RETURNS: TAX YEARS 2000 AND 2001

Subject	2000		2001	
	Number of returns	Amount (\$1,000)	Number of returns	Amount (\$1,000)
All returns and adj. gross income (AGI)	572,178	23,929,238	577,693	23,882,640
Salaries and wages	475,469	16,772,207	481,989	17,342,662
Taxable interest income	367,098	724,088	365,391	727,092
Tax-exempt interest income	21,951	165,270	20,967	165,951
Dividends	161,773	559,918	152,198	425,060
Business or prof. net income (less loss)	82,237	913,144	82,870	930,390
Net capital gain (less loss)	139,766	1,741,105	116,262	1,044,276
Taxable Indiv. Retire. Arrangements distrib.	45,284	468,198	44,780	429,305
Taxable pensions and annuities	106,812	1,967,288	108,543	2,030,953
Taxable Social security benefits	52,945	468,544	53,988	486,288
Total statutory adjustments	98,647	262,851	99,821	265,014
Self-employment retirement plans	6,284	56,770	6,284	56,770
Standard deductions	378,997	2,067,165	382,031	2,171,792
Itemized deductions	193,181	3,788,472	195,662	3,888,714
Medical & dental expenses	32,520	166,854	35,233	187,187
Taxes paid	192,037	1,072,340	194,533	1,085,813
Interest paid	149,226	1,877,484	151,070	1,891,140
Contributions	173,238	445,856	175,162	472,152
Taxable income	468,093	16,093,155	467,267	15,630,307
Total tax credits	155,514	137,282	220,490	175,106
Child care credit	108,831	10,330	28,185	10,376
Earned income credit	67,500	94,456	71,275	102,744
Excess earned income credit (refundable)	54,444	80,397	58,631	89,144
Income tax	446,616	3,123,547	438,303	2,928,845
Tax liability	464,713	3,281,126	458,738	3,089,124
Tax due at time of filing	138,572	409,626	111,402	312,026
Overpayments (negative amount)	399,032	618,342	427,846	747,316

Source: U.S. Treasury Department, Internal Revenue Service, Tax Stats, Individual Tax Statistics, Data by Geographic Areas, State Income <<http://www.irs.gov/pub/irs-soi/00in12hi.xls>> accessed July 24, 2002 and <<http://www.irs.gov/pub/irs-soi/01in12hi.xls>> accessed July 21, 2003.

Table 9.17-- INTERNAL REVENUE SERVICE OPERATIONS: 1999 TO 2003

[In number or thousands of dollars. For fiscal years ended 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 other State(s). Collections are gross, i.e. not net of refunds]

Subject	1999	2000	2001	2002	2003
Total number of returns filed	1,006,838	1,014,244	1,008,925	984,593	1,015,589
Individual income tax	553,475	557,444	570,844	577,321	584,164
Estate and trust income tax	12,256	12,619	12,448	12,702	12,973
Partnership tax	6,697	6,717	6,947	7,328	7,818
Corporate income tax	25,644	25,348	25,232	26,141	26,040
Estate	569	569	564	536	472
Gift tax	1,536	1,769	1,654	1,445	1,811
Employment taxes	115,262	109,200	109,268	111,305	114,435
Excise tax	941	1,082	995	1,041	1,019
Other 1/	290,458	299,496	280,973	246,774	266,857
Total no. of returns filed electronically	(NA)	(NA)	(NA)	(NA)	(NA)
Individual income tax	104,480	124,206	140,941	168,183	193,589
Total number of refunds issued	421,463	423,032	804,860	478,401	562,895
Corporate income tax	2,882	2,577	2,386	2,691	3,100
Individual income tax	410,665	412,972	795,103	468,348	552,054
Employment taxes	7,649	7,209	7,071	6,998	7,366
Estate tax	114	114	124	84	94
Gift tax	15	5	20	13	10
Excise tax	138	155	156	267	271
Total amount of refunds issued (\$1,000)	611,080	633,783	813,597	861,101	957,463
Corporate income tax	31,352	23,946	25,828	80,379	94,186
Individual income tax	567,985	600,949	776,740	766,918	849,278
Employment taxes	6,696	5,676	5,196	5,739	7,966
Estate tax	4,594	2,530	5,050	2,736	4,246
Gift tax	232	-25	310	755	111
Excise tax	221	707	473	4,574	1,676

NA Not available.

1/ Includes Individual estimated income tax, Estate and trust estimated income tax, Tax-exempt organizations, and supplemental documents.

Source: U.S. Internal Revenue Service, *IRS Data Book* (annual) tables 3, 4, 8 and 9 and <http://www.irs.ustreas.gov/taxstats/index.html> accessed April 5, 2004.

**Table 9.18-- RESIDENT INDIVIDUAL STATE INCOME TAX RETURNS:
TAX YEARS 1958 TO 2001**

Year income was received	Number of resident returns	Adjusted gross income 1/ (\$1,000)	Taxable income (\$1,000)	Tax liability (\$1,000)
1958	167,976	789,191	50,597	21,095
1959	177,602	911,841	599,402	25,618
1960	193,015	1,033,639	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	436,583	18,769,700	14,056,450	938,328

1/ Exclusive of losses.

Source: Hawaii State Department of Taxation, *Hawaii Income Patterns Individuals*, Table 1 (annual); and for 1994-2001 <<http://www.state.hi.us/tax/taxreports.html>> accessed January 8, 2004.

**Table 9.19-- NONRESIDENT INDIVIDUAL STATE INCOME TAX RETURNS:
TAX YEARS 1958 TO 2001**

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

1/ Exclusive of losses.

2/ Hawaii Taxable Income not on N-15 Return.

Source: Hawaii State Department of Taxation, *Hawaii Income Patterns Individuals*, Table 3 (annual); and for 1994-2001 <<http://www.state.hi.us/tax/taxreports.html>> accessed January 8, 2004.

Table 9.20-- SOURCES OF INCOME REPORTED BY ELDERLY AND ALL OTHER RESIDENT TAXPAYERS: TAX YEAR 2001

[In thousands of dollars. Use of federal amounts for income sources was necessary because there is no detailed information on income sources on the simplified Hawaii Form N-11 used by most residents]

Source of Income	Total	Elderly	All others
Salaries and wages	15,109,090	713,239	14,395,851
Taxable dividends	379,794	201,111	178,683
Interest	666,241	358,212	308,029
Sole proprietorships	765,782	72,939	692,843
Capital assets and other property	852,090	359,335	492,755
Rents and royalties	48,814	100,410	-51,596
Partnerships	438,860	71,196	367,664
Estates and trusts	88,156	48,692	39,464
Pensions and annuities	1,916,260	1,298,340	617,920
Taxable IRA payouts	388,072	227,428	160,644
Taxable Social Security	468,933	413,941	54,992
All other sources	53,448	-22,360	75,808
Total reportable income for Federal purposes	21,175,542	3,842,484	17,333,058
Plus: Items taxed by Hawaii but not federal 1/	408,998	62,118	346,880
Less: Items taxed by federal but not by Hawaii 2/	2,557,719	1,804,776	752,942
Total reportable income for Hawaii purposes	19,026,821	2,099,826	16,926,995

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.

Source: Hawaii State Department of Taxation, *Hawaii Income Patterns Individuals: 2001* (p.20); <<http://www.state.hi.us/tax/pubs/2001credit.pdf>>; Department of Taxation unpublished detail, and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.21-- SOURCES OF INCOME REPORTED BY NONRESIDENT
TAXPAYERS: 1999 TO 2001**

[In thousands of dollars]

Sources of income	1999	2000	2001
Total	585,507	1,068,694	768,756
Salaries and wages	465,300	537,628	560,450
Interest	22,253	26,650	20,456
Ordinary dividends	6,484	10,642	6,727
Capital assets/other property	180,086	303,511	231,958
Rents, royalties, partnerships, S corp, estates and trusts	65,494	229,352	41,672
All other sources	-154,110	-39,089	-92,507

Source: Hawaii State Department of Taxation, *Hawaii Income Patterns Individuals: 2000* (p.16)

<<http://www.state.hi.us/tax/pubs/00indinc.pdf>> accessed July 23, 2003; and *Ibid, 2001* (p.18)

<<http://www.state.hi.us/tax/pubs/01indinc.pdf>> accessed January 8, 2004.

Table 9.22-- STATE INCOME TAX RESIDENT RETURNS ON INCOME RECEIVED DURING 2001, BY ADJUSTED GROSS INCOME CLASS

Adjusted gross income class	Number of returns	Adjusted gross income 1/ (dollars)	Taxable income (dollars)	Tax liability (dollars)
All resident returns	522,741	18,815,637,098	14,056,450,047	938,328,253
Taxable resident returns	436,583	18,769,699,607	14,056,450,047	938,328,253
Under \$5,000	29,890	94,185,896	38,917,634	712,705
\$5,000, under \$10,000	45,301	335,190,828	188,453,102	5,936,171
\$10,000, under \$20,000	81,333	1,215,788,568	842,499,488	40,287,270
\$20,000, under \$30,000	74,291	1,843,354,513	1,369,501,048	78,511,287
\$30,000, under \$40,000	50,458	1,750,085,301	1,312,470,386	80,674,871
\$40,000, under \$50,000	36,549	1,639,946,475	1,193,807,717	75,551,898
\$50,000, under \$75,000	59,186	3,618,773,304	2,642,096,637	174,602,553
\$75,000, under \$100,000	28,635	2,464,583,916	1,819,163,735	126,331,875
\$100,000, under \$150,000	20,107	2,377,586,876	1,809,305,706	132,114,772
\$150,000, under \$200,000	5,028	858,552,996	682,625,859	52,134,411
\$200,000 and over	5,805	2,571,650,934	2,157,608,735	171,470,440
Nontaxable resident returns				
Loss	8,248	-262,852,908	(X)	(X)
Under \$5,000	61,297	75,194,481	(X)	(X)
\$5,000, under \$10,000	8,793	62,020,407	(X)	(X)
\$10,000 and over	7,820	171,575,511	(X)	(X)

X Not applicable.

1/ Total and subtotals exclude losses.

Source: Hawaii State Department of Taxation, *Hawaii Income Patterns, Individuals, 2001*, table 1
 <<http://www.state.hi.us/tax/pubs/01indinc.pdf>> accessed January 8, 2004.

Table 9.23-- MEDIAN ADJUSTED GROSS INCOME OF RESIDENT STATE INCOME TAX RETURNS, BY TYPE OF RETURN, 1982 TO 2001, AND BY COUNTY, 2001

[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
COUNTIES: 2001						
Oahu	23,100	47,234	15,762	28,946	56,016	20,137
Maui	23,945	46,787	17,704	27,889	52,418	20,476
Hawaii	19,395	39,040	13,585	24,630	47,471	17,971
Kauai	21,381	44,017	14,693	25,842	49,828	18,752

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 January 8, 2004.

Table 9.24-- TAX CREDITS CLAIMED BY TYPE OF CREDIT AND BY TYPE OF TAXPAYER: 2001

[In dollars]

Type of credit	Total	Individuals	Corporations	Financial corporations	Insurance underwriters	Fiduciaries
Total	114,404,182	61,924,882	35,701,264	9,321,411	6,260,280	1,196,345
Low income	8,343,645	8,343,645	-	-	-	-
Renter's	7,063,300	7,063,300	-	-	-	-
Dependent care	7,867,978	7,867,978	-	-	-	-
Child car seat	102,750	102,750	-	-	-	-
General income tax	853,830	853,830	-	-	-	-
Capital goods excise	23,570,442	2,826,962	16,577,543	4,127,629	-	38,308
Fuel Credit for Fishing	100,795	88,589	12,206	-	-	-
Motion picture	84,564	4,260	80,304	-	-	-
Hotel remodeling	7,380,462	933,758	6,432,826	-	-	13,878
Energy device	6,363,763	3,810,128	167,540	2,380,613	-	5,482
Vocational rehabilitation job	35,223	23,146	12,077	-	-	-
Enterprise zone	382,778	260,396	122,382	-	-	-
High technology	9,579,923	3,334,260	225,205	4,209	6,013,757	2,492
Technology infrastructure	121,408	2,722	118,686	-	-	-
Taxes Paid to Other Jurisdictions	14,908,437	13,786,393	-	-	-	1,122,044
Low-income housing	3,577,036	61,038	460,515	2,808,960	246,523	-
Residential remodeling	11,319,617	10,617,618	691,078	-	-	10,921
Drought mitigation	8,108	8,108	-	-	-	-
Research activities	12,423,638	1,790,728	10,629,690	-	-	3,220
Other refundable	145,273	145,273	-	-	-	-
Lifeline telephone service	171,212	-	171,212	-	-	-

Source: Hawaii State Department of Taxation, *Tax Credits Claimed by Hawaii Individuals and Corporations: 2001* (October 2003), p. 24
 <<http://www.state.hi.us/tax/pubs/2001credit.pdf>> accessed January 8, 2004.

**Table 9.25-- GENERAL EXCISE AND USE TAX BASE AND COLLECTIONS:
2002 AND 2003**

[In thousands of dollars. Data are on a cash basis accounting]

Source of revenue	Tax base		Tax collections	
	2002	2003	2002	2003
All sources	55,195,100	58,150,687	1,679,840	1,820,498
Sources taxed at 4 percent	38,415,516	40,685,165	1,536,621	1,627,407
Retailing	17,873,487	18,835,041	714,939	753,402
Services	6,831,646	7,296,759	273,266	291,870
Contracting	4,274,956	4,536,323	170,998	181,453
Theater, amusement, radio, etc.	265,334	260,651	10,613	10,426
Interest	180,766	160,536	7,231	6,421
Commissions	776,171	894,977	31,047	35,799
Hotel rentals	2,227,341	2,322,434	89,094	92,897
All other rentals	3,957,275	4,150,108	158,291	166,004
Use (4 percent)	530,805	630,389	21,232	25,216
All others (4 percent)	1,497,736	1,597,947	59,909	63,918
Sources taxed at other rates 1/	16,779,584	17,465,521	81,406	84,485
Insurance solicitors	712,027	812,281	1,068	1,218
Sugar processing	2,389	1,261	12	6
Pineapple canning	3,865	5,996	19	30
Producing	522,418	543,561	2,612	2,718
Manufacturing	612,658	638,863	3,063	3,194
Wholesaling	9,288,532	9,714,281	46,443	48,571
Services (intermediary)	331,944	352,614	1,660	1,763
Use (0.5 percent)	5,305,752	5,396,665	26,529	26,983
Unallocated net collections 2/	(X)	(X)	61,814	108,606

X Not applicable.

1/ Insurance solicitors at 0.15 percent; others at 0.5 percent.

2/ Includes electronic fund payments not identified by source, penalty and interest, assessments and corrections, delinquent collections, refunds, protested payments and settlements, etc.

Source: Hawaii State Department of Taxation, "General Excise and Use Tax Base" and "General Excise and Use Tax Collections" (calendar year summary tables) and <<http://www.state.hi.us/tax/tax.html>>.

Table 9.26-- TOBACCO TAX COLLECTIONS: 1994 TO 2003

[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

1/ The rate per cigarette was changed on July 1, 1993 to \$0.03 (Act 220; SLH 1993) 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 release) and <<http://www.state.hi.us/tax/txcolrpt.html>> accessed May 13, 2004.

Table 9.27-- LIQUOR TAX COLLECTIONS: 1990 TO 2003

[In thousands of dollars. Definitions and rates are as specified in Hawaii Revised Statutes Chapter 244D, and as amended]

Year	Total	Year	Total
1990	42,094	1997	38,624
1991	40,125	1998 1/	38,361
1992	40,983	1999	37,139
1993	38,286	2000	39,887
1994	38,753	2001	39,379
1995	37,486	2002	38,497
1996	38,624	2003	42,149

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 release) and <<http://www.state.hi.us/tax/txcolrpt.html>> accessed May 13, 2004.

Table 9.28-- REAL PROPERTY TAX VALUATIONS: 1986 TO 2004

[In thousands of dollars. For fiscal years ended 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

1/ As of January 1 for Hawaii, Kauai, and Maui Counties; for the City and County of Honolulu only through 1996, and October 1 thereafter.

2/ Beginning in 1992, values shown for gross valuation exclude nontaxable properties.

Source: City and County of Honolulu, Department of Budget & Fiscal Services, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates, & Exemptions, 2003-2004 Tax Year, State of Hawaii* (July 2003) <http://www.co.honolulu.hi.us/rpa/03_staterpt.htm> accessed July 29, 2003 and earlier reports and as the Department of Finance.

**Table 9.29-- REAL PROPERTY TAX VALUATIONS FOR THE STATE,
2001 TO 2004, AND BY COUNTY, 2004**

[In thousands of dollars. Fiscal year ending June 30. Gross valuations exclude nontaxable
(government) properties]

Subject	2001	2002	2003	2004
Assessor's gross valuation 1/ 2/	118,929,005	123,394,937	131,562,028	141,029,581
Land	65,241,123	66,563,433	69,116,128	73,014,576
Improvement	53,687,882	56,831,504	62,445,900	68,015,005
Exemptions 1/	18,443,052	18,760,783	19,995,779	20,740,159
Assessor's net taxable valuation	100,485,953	104,634,154	111,566,249	120,289,422
Half of valuation on appeal	1,220,936	1,320,337	1,182,115	1,035,207
Number of appeals	3,966	3,873	5,866	3,673
Valuation for tax rate purposes	98,984,387	103,313,817	110,384,134	119,254,215
Land	58,895,855	60,480,979	63,202,343	67,260,413
Improvement	40,088,532	42,832,838	47,181,791	51,993,802
Amount to be raised by taxation	579,709	596,685	634,124	705,185
Subject	Honolulu	Maui	Hawaii	Kauai
Assessor's gross valuation 1/ 2/	95,052,358	21,881,762	15,604,652	8,490,809
Land	50,611,844	10,478,590	7,446,551	4,477,591
Improvement	44,440,514	11,403,172	8,158,101	4,013,218
Exemptions 1/	15,096,915	1,903,817	2,629,634	1,109,793
Assessor's net taxable valuation	79,955,443	19,977,945	12,975,018	7,381,016
Half of valuation on appeal	800,898	107,593	86,756	39,960
Number of appeals	2,590	342	620	121
Valuation for tax rate purposes	79,154,545	19,870,352	12,888,262	7,341,056
Land	46,445,492	9,972,448	6,753,022	4,089,451
Improvement	32,709,053	9,897,904	6,135,240	3,251,605
Amount to be raised by taxation	427,171	116,698	113,786	47,530

1/ Beginning in 1992, data exclude nontaxable properties.

2/ For 2004, valuation as of January 30, 2003 for the City and County of Honolulu, as of June 6, 2003 for Hawaii, as of May 27, 2003 for Kauai, and April 17, 2003 for Maui.

Source: City and County of Honolulu, Department of Budget and Fiscal Services, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates, & Exemptions, 2001-2002 Tax Year, State of Hawaii* (July 2001) <<http://www.co.honolulu.hi.us/rpa/staterpt.htm>>; *2002-2003 Tax Year* (September 2002) <http://www.co.honolulu.hi.us/rpa/02_staterpt.htm> accessed September 24, 2002; *2003-2004 Tax Year* (July 2003) <http://www.co.honolulu.hi.us/rpa/03_staterpt.htm> accessed July 29, 2003 and earlier reports and as Department of Finance.

**Table 9.30-- REAL PROPERTY TAX EXEMPTIONS FOR THE STATE,
BY TYPE: TAX YEARS 2003 AND 2004**

Type of exemption	2003		2004	
	Number	Amount 1/ (\$1,000)	Number	Amount 1/ (\$1,000)
All exemptions, Statewide	227,723	40,384,152	233,145	40,508,223
Federal government	572	6,186,662	541	6,137,665
State government	5,609	9,393,434	6,257	9,538,117
County government	2,851	3,497,831	3,026	3,584,669
Government leases - Total	107	44,244	133	57,771
Government leases - Portion	62	23,241	110	27,188
Hawaiian Homes Commission	1,386	278,896	1,837	331,228
Hawaiian Homes Land - Basic	864	65,926	901	71,150
Hawaiian Homes Land - Multiple	137	6,588	144	7,071
Hawaiian Homes Land - Total land	2,587	453,778	3,097	483,057
Hawaiian Homes Land - Vacant land	143	34	142	20
Hawaiian Homes - 7 Year	466	76,045	836	106,111
Homes - fee (Basic)	106,465	5,240,076	111,197	5,429,309
Homes - fee (Multiple)	78,751	8,257,575	76,410	7,790,246
Homes - lease (Basic)	5,096	224,877	5,209	241,016
Homes - lease (Multiple)	4,942	485,489	4,676	455,760
Additional home exemption	1,111	121,990	1,576	84,492
Additional Income Exemption	(NA)	(NA)	134	7,238
Blind	494	13,574	489	12,269
Deaf	153	3,856	145	3,392
Leprosy	6	164	6	89
Totally disabled	6,312	175,968	6,071	153,132
Totally disabled veterans	741	172,737	819	204,606
Cemeteries	110	42,350	107	39,556
Charitable organizations	1,075	1,117,966	1,105	1,086,068
Childcare	(NA)	(NA)	24	1,200
Churches	1,499	1,185,876	1,506	1,208,224
Civil - Condemnation	18	9,454	39	15,669
Credit Unions	87	78,558	87	77,547
Crop shelters	38	4,205	40	3,713
Enterprize Zone	(NA)	(NA)	1	2,118
Foreign consulates	29	14,850	30	15,359
Forest reserve	6	4,238	6	2,301
Historic residential properties	118	85,438	141	110,854
Hospitals	96	483,510	98	483,911
Landscaping, open-space	46	14,773	46	15,052
Low-moderate income housing	329	944,182	396	980,279
New Construction	28	245,414	56	275,919

Continued on next page.

**Table 9.30-- REAL PROPERTY TAX EXEMPTIONS FOR THE STATE,
BY TYPE: TAX YEARS 2003 AND 2004 -- Con.**

Type of exemption	2003		2004	
	Number	Amount 1/ (\$1,000)	Number	Amount 1/ (\$1,000)
Public utilities	599	727,821	627	749,644
Roadways and waterways	4,529	12,021	4,816	15,038
Safe Room	3	240	5	200
Schools	179	670,281	179	680,748
Setbacks	3	491	8	1,064
Slaughterhouse	2	2,001	2	1,868
Taro	38	11	31	24
Tree Farm	13	6,802	12	5,431
Miscellaneous	23	10,686	27	10,845

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, 2002-2003 Tax Year, State of Hawaii* (September 2002) <<http://www.co.honolulu.hi.us/rpa/ex.pdf>> accessed September 24, 2002 and *Ibid. 2003-2004* (July 2003) <<http://www.co.honolulu.hi.us/rpa/ex.pdf>> accessed July 29, 2003.

**Table 9.31-- REAL PROPERTY TAX VALUATIONS, BY LAND USE CLASSES:
2003 AND 2004**

[In thousands of dollars. For fiscal year ending June 30]

Land use class	Gross valuation 1/			To be raised by taxation, fiscal year
	Total	Land	Improvement	
2003				
All classes	131,562,028	69,116,128	62,445,900	634,124
Improved residential 2/	53,741,845	32,488,092	21,253,753	174,981
Apartment	22,698,559	7,388,447	15,310,112	92,082
Commercial	13,241,553	6,789,966	6,451,587	104,056
Industrial	6,264,520	3,836,654	2,427,866	53,796
Agricultural	5,594,619	3,825,164	1,769,455	40,471
Conservation	1,375,702	1,223,849	151,853	9,594
Hotel/resort	12,361,226	4,795,221	7,566,005	106,967
Unimproved residential 2/	1,977,829	1,680,710	297,119	8,148
Homeowner 3/	9,903,114	4,555,769	5,347,345	29,404
Single family 4/	1,933,469	1,250,950	682,519	9,227
Homestead 4/	1,978,758	914,863	1,063,895	5,398
Public Service 5/	490,834	366,443	124,391	-
2004				
All classes	141,029,581	73,014,576	68,015,005	705,185
Improved residential 2/	58,303,786	35,535,549	22,768,237	199,003
Apartment	25,367,755	7,525,496	17,842,259	104,030
Commercial	13,248,690	6,675,118	6,573,572	116,995
Industrial	6,242,180	3,761,817	2,480,363	58,786
Agricultural	5,967,534	4,019,626	1,947,908	43,369
Conservation	1,393,397	1,233,993	159,404	10,516
Hotel/resort	12,825,269	4,803,435	8,021,834	114,727
Unimproved residential 2/	1,956,266	1,628,365	327,901	8,847
Homeowner 3/	10,935,260	5,026,543	5,908,717	33,018
Single family 4/	2,135,460	1,414,043	721,417	10,259
Homestead 4/	2,163,591	1,025,696	1,137,895	5,635
Public Service 5/	490,393	364,895	125,498	-

1/ Excludes nontaxable properties. For 2004, valuation as of January 30, 2003 for the City and County of Honolulu, as of June 6, 2003 for Hawaii, as of May 27, 2003 for Kauai, and April 17, 2003 for Maui.

2/ Excludes Kauai.

3/ Maui and Hawaii only.

4/ Kauai only.

5/ City and County of Honolulu only.

Source: City and County of Honolulu, Department of Budget & Fiscal Services, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates & Exemptions, 2002-2003 Tax Year, State of Hawaii* (September 2002) <<http://www.co.honolulu.hi.us/rpa/staterpt.htm>> accessed September 24, 2002; and Ibid, *Real Property Tax Valuations, Tax Rates & Exemptions, 2003-2004 Tax Year, State of Hawaii* (July 2003) <http://www.co.honolulu.hi.us/rpa/03_staterpt.htm> accessed July 29, 2003.

Table 9.32--MAJOR REAL PROPERTY TAXPAYERS, FOR THE CITY AND COUNTY OF HONOLULU: 2003

[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	56,264,660	59,882.98	6,525,195,900
1	Kyo-Ya Co. Ltd.	9,916,817	23.64	997,367,900
2	GGP Ala Moana LLC	6,612,678	62.28	746,422,100
3	Hilton Haw'n Village Joint Venture	6,016,844	20.33	699,786,000
4	Bishop Estate	4,908,020	26,970.46	786,673,100
5	MFD Partners	3,345,173	7.38	352,030,000
6	Bancorp Hawaii, Inc.	2,399,497	192.41	346,412,800
7	Dole Food Company	2,121,691	24,328.19	341,425,000
8	Victoria Ward Ltd.	2,120,799	47.94	230,430,100
9	C K Corp.	2,033,093	2.11	206,454,500
10	WBM Resort L P	1,958,355	4.32	196,622,000
11	James Campbell Corporation	1,850,325	7,448.66	233,128,700
12	Outrigger Hotels Hawaii	1,835,349	6.62	189,229,100
13	Watercress Associates	1,741,120	41.66	189,724,500
14	Bishop Square Associates	1,661,596	2.92	179,632,000
15	AZABU Corp.	1,502,208	4.96	152,241,600
16	ORF LLC	1,386,123	2.50	139,169,000
17	Forward One LLC	1,311,975	1.64	132,183,700
18	Chevron USA, Inc.	1,253,232	282.60	134,109,800
19	Mau, William K H et al	1,153,307	4.47	126,981,900
20	Pan Pacific Hoteliers, Inc.	1,136,457	427.90	145,172,100

1/ Original debit as of August 9, 2002.

2/ Land and improvements. Assessed valuation as of October 1, 2001. Valuation at 100 percent of market value.

Source: City and County of Honolulu, Department of Budget & Fiscal Services, Real Property Assessment Division, Real Property Assessment Division, Administration & Technical Branch, records.

Table 9.33--MAJOR REAL PROPERTY TAXPAYERS, FOR THE CITY AND COUNTY OF HONOLULU: 2004

[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	60,158,589	53,556.80	6,356,703,600
1	Kyo-Ya Co. Ltd.	10,522,263	23.64	990,423,300
2	GGP Ala Moana LLC	7,639,594	62.28	753,668,900
3	Hilton Haw'n Village Joint Venture	6,185,212	20.33	667,028,400
4	Bishop Estate	5,453,014	26,967.89	768,915,800
5	Outrigger Hotels Hawaii	4,877,630	10.82	451,394,300
6	Dole Food Co.	2,668,676	23,762.87	359,082,100
7	Bancorp Hawaii Inc.	2,226,147	151.53	305,399,100
8	WBM Resort L P	2,109,240	4.32	198,423,300
9	C K Corp	2,098,537	2.11	199,745,200
10	Victoria Ward Ltd.	2,064,746	47.25	220,076,800
11	Bishop Square Associates	1,901,973	2.92	178,925,000
12	AZABU Corp.	1,607,843	4.96	150,916,900
13	Halekulani Corp.	1,592,311	4.92	150,563,500
14	Watercress Associates	1,561,290	32.84	148,388,000
15	Chevron USA, Inc.	1,415,071	282.15	133,260,700
16	Queen's Medical Center et al	1,363,958	1,188.45	141,715,400
17	Pacific Beach Corp.	1,308,937	2.56	123,136,100
18	Pacific Guardian Center	1,202,147	2.09	115,199,600
19	Pan Pacific Hoteliers Inc.	1,185,324	448.09	145,282,200
20	Gentry Properties, et al	1,174,677	534.78	155,159,000

1/ Original debit as of July 10, 2003.

2/ Land and improvements. Assessed valuation as of October 1, 2002. Valuation at 100 percent of market value.

Source: City and County of Honolulu, Department of Budget & Fiscal Services, Real Property Assessment Division, Real Property Assessment Division, Administration & Technical Branch, records.

Table 9.34-- RESIDENTIAL PROPERTY TAX RATES IN HONOLULU AND THE MEDIAN OF 51 MAJOR CITIES: 1985 TO 2002

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

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, *Tax Rates and Tax Burdens in the District of Columbia - A National Comparison* (annual) and <<http://cfo.dc.gov/cfo/cwp/view,a,1324,q,612643.asp>> accessed January 13, 2004.

Table 9.35-- REAL PROPERTY TAX RATES, BY COUNTIES: 2004

[In dollars per \$1,000 net taxable value. For fiscal year ending June 30]

Land use class	Honolulu	Maui	Hawaii	Kauai
Land:				
Improved residential 1/	3.75	5.86	9.10	5.49
Unimproved residential	5.35	5.86	9.85	(X)
Apartment	3.75	5.86	9.85	8.55
Hotel/resort	10.63	8.30	9.85	8.55
Commercial	10.63	6.75	9.85	8.55
Industrial	10.63	6.75	9.85	8.55
Agricultural	10.63	4.93	9.85	7.95
Conservation	10.63	4.93	9.85	8.45
Homeowner	(X)	3.55	5.55	(X)
Homestead	(X)	(X)	(X)	4.35
Public Service	0.00	(X)	(X)	(X)
Building:				
Improved residential 1/	3.75	5.86	9.10	4.50
Unimproved residential	5.35	5.86	9.85	(X)
Apartment	3.75	5.86	9.85	8.15
Hotel/resort	10.63	8.30	9.85	8.15
Commercial	10.63	6.75	9.85	8.15
Industrial	10.63	6.75	9.85	8.15
Agricultural	10.63	4.93	9.85	4.50
Conservation	10.63	4.93	9.85	4.50
Homeowner	(X)	3.55	5.55	(X)
Homestead	(X)	(X)	(X)	3.64
Public Service	0.00	(X)	(X)	(X)

X Not applicable.

1/ Single family residential in County of Kauai.

Source: City and County of Honolulu, Department of Finance, Real Property Assessment Division, *Real Property Tax Valuations, Tax Rates & Exemptions, 2003-2004 Tax Year, State of Hawaii* (July 2003)

<<http://www.co.honolulu.hi.us/rpa/txrate.pdf>> accessed July 29, 2003.

Table 9.36-- FEDERAL EXPENDITURES IN HAWAII: 1986 TO 2002

[In millions of dollars. For fiscal years ended September 30]

Fiscal year	Amount	Percentage Change from Year Previous	Fiscal year	Amount	Percentage Change from Year Previous
1986	4,647	1.5	1995	7,450	-2.5
1987	4,811	3.5	1996	7,990	7.2
1988	5,065	5.3	1997	8,159	2.1
1989	5,571	10.0	1998	8,442	3.5
1990	5,634	1.1	1999	8,568	1.5
1991	6,198	10.0	2000	9,015	5.2
1992	6,636	7.1	2001	9,722	7.8
1993	7,283	9.7	2002	10,474	7.7
1994	7,644	5.0			

Source: U.S. Census Bureau, *Consolidated Federal Funds, Fiscal Year by State* (annual), June 4, 2003
<<http://www.census.gov/prod/2002pubs/01cfr.pdf>> and
<<http://www.census.gov/govs/www/cfr02.html>> accessed June 4, 2003.

**Table 9.37-- FEDERAL EXPENDITURES IN HAWAII,
BY TYPE: 1997 TO 2002**

[In millions of dollars and percent. For fiscal years ended September 30]

Type of expenditure	1997	1998	1999	2000	2001	2002
All categories	8,159	8,442	8,568	9,015	9,722	10,474
Grants to State and local governments	1,137	1,190	1,335	1,348	1,514	1,835
Salaries and wages	2,330	2,557	2,436	2,429	2,525	2,684
Retirement and disability	2,262	2,348	2,430	2,583	2,798	2,899
Procurement	1,077	1,053	1,141	1,278	1,467	1,621
Other direct payments	1,352	1,293	1,226	1,377	1,419	1,306
Department of Defense	3,179	3,394	3,356	3,473	3,728	3,964
Other federal agencies	4,981	5,048	5,212	5,542	5,995	6,510

Type of expenditure	1997	1998	1999	2000	2001	2002
All categories	2.1	3.5	1.5	5.2	7.8	7.7
Grants to State and local governments	2.9	4.7	12.2	1.0	12.3	21.2
Salaries and wages	-3.3	9.7	-4.7	-0.3	4.0	6.3
Retirement and disability	5.8	3.8	3.5	6.3	8.3	3.6
Procurement	4.9	-2.2	8.4	12.0	14.8	10.5
Other direct payments	3.1	-4.4	-5.2	12.3	3.0	-8.0
Department of Defense	-2.4	6.8	-1.1	3.5	7.3	6.3
Other federal agencies	5.3	1.3	3.2	6.3	8.2	8.6

Source: U.S. Census Bureau, *Consolidated Federal Funds, Fiscal Year by State* (annual), June 4, 2003
 <<http://www.census.gov/prod/2002pubs/01cfr.pdf>> and
 <<http://www.census.gov/govs/www/cffr02.html>> accessed June 4, 2003.

Table 9.38-- PER CAPITA DIRECT FEDERAL EXPENDITURES IN THE UNITED STATES AND HAWAII, BY TYPES: 2002

[For fiscal year ending September 30. Direct expenditures exclude federal assistance such as loans and insurance]

Category	Per capita direct federal expenditures 1/			
	United States (dollars)	Hawaii (dollars)	Hawaii as percent of U.S.	Hawaii rank 2/
All categories	6,527.24	8,413.54	128.9	6
Retirement and disability	2,105.98	2,328.91	110.6	13
Other direct payments	1,454.37	1,152.46	79.2	43
Grants to State and local governments	1,408.92	1,474.50	104.7	20
Procurement	881.69	1,302.30	147.7	8
Salaries and wages	675.27	2,155.62	319.2	2
Department of Defense	963.70	3,183.91	330.4	2
All other Federal agencies	5,686.25	5,229.63	92.0	37

1/ Resident population as of July 1, 2002 for the United States was 288,368,698 and for Hawaii 1,244,898 (source table 10). Hawaii has 0.4 percent of the United States resident population.

2/ A rank of 1 indicates the highest per capita direct federal expenditure. Rank among the 50 states. When the District of Columbia is included, Hawaii ranked seventh for the all-categories total.

Source: U.S. Census Bureau, *Consolidated Federal Funds Report for Fiscal Year 2002* (June 2003), tables 10, 12, and 14 and <<http://www.census.gov/prod/2003pubs/02cfr.pdf>> accessed June 4, 2003.

Table 9.39-- DIRECT FEDERAL EXPENDITURES OR OBLIGATIONS IN HAWAII, BY COUNTY: 2002

[In thousands of dollars. For fiscal year ending September 30. Direct expenditures exclude federal assistance such as loans and insurance. Values less than \$500 rounded to 0]

Area	Total	City and County of Honolulu	Hawaii County	Kauai County	Maui County 1/	State undistributed
Population (July 1, 2002 count)	1,244,898	896,019	154,794	59,946	134,139	-
Direct expenditures or obligations	10,473,997	8,335,064	808,115	317,924	495,338	517,556
Defense	3,963,638	3,800,301	46,966	74,484	41,887	-
Non-defense	6,510,359	4,534,763	761,149	243,440	453,451	517,556
Direct expenditures or obligations Retirement/disability payments for individuals	10,473,997	8,335,064	808,115	317,924	495,338	517,556
Other direct payments for individuals	2,899,254	2,211,115	343,531	119,617	218,139	6,853
Direct payments other than for individuals	1,305,563	733,477	139,225	50,217	86,283	296,361
Grants (block, formula, project, & cooperative agreements)	129,133	19,846	4,101	364	4,761	100,062
Procurement contracts	1,835,296	1,315,913	235,848	64,669	104,665	114,201
Salaries and wages	1,621,225	1,478,446	34,231	57,069	51,399	81
Other federal assistance	2,683,526	2,576,267	51,179	25,988	30,091	-
Direct loans	6,397,404	3,611,522	575,504	726,759	1,388,421	95,200
Guaranteed loans	21,142	9,043	5,815	3,155	3,129	-
Insurance	691,049	299,065	44,844	221,129	46,845	79,167
	5,685,213	3,303,414	524,845	502,475	1,338,447	16,033

1/ Includes Kalawao County.

Source: U.S. Census Bureau, *Consolidated Federal Funds Report for Fiscal Year 2002* (June 2003) p. 37, <<http://www.census.gov/govs/cffr/02cffhi.txt>> accessed June 4, 2003.

**Table 9.40-- FEDERAL OMNIBUS SPENDING PROPOSALS,
BY STATE AND AREA: 2004**

[Highest value of earmarks at top. For fiscal year ending September 30]

State	Value of Earmarks		Number of Earmarks	
	Dollars	Percentage	Number	Percentage
Total	10,728,026,976	100.0	7,931	100.0
California	965,451,333	9.0	509	6.4
New York	507,922,500	4.7	442	5.6
Alaska	495,810,758	4.6	296	3.7
Maryland	483,125,000	4.5	129	1.6
Texas	469,490,902	4.4	284	3.6
Washington, D.C.	432,907,500	4.0	171	2.2
Pennsylvania	422,170,775	3.9	664	8.4
West Virginia	378,250,591	3.5	102	1.3
Washington	373,138,757	3.5	223	2.8
Florida	345,370,000	3.2	299	3.8
Illinois	328,345,041	3.1	251	3.2
Alabama	289,256,875	2.7	243	3.1
Virginia	268,995,000	2.5	241	3.0
New Hampshire	263,746,700	2.5	77	1.0
South Carolina	261,350,286	2.4	136	1.7
Georgia	249,875,313	2.3	164	2.1
Colorado	241,566,000	2.3	69	0.9
Ohio	235,838,500	2.2	293	3.7
New Jersey	227,890,689	2.1	126	1.6
Massachusetts	206,390,953	1.9	137	1.7
Kentucky	193,008,875	1.8	210	2.6
Mississippi	190,193,252	1.8	159	2.0
Hawaii	169,532,786	1.6	83	1.0
Iowa	166,530,165	1.6	159	2.0
Michigan	154,340,591	1.4	170	2.1
Oklahoma	152,431,000	1.4	103	1.3
Minnesota	138,566,591	1.3	83	1.0
Missouri	138,152,707	1.3	176	2.2
Wisconsin	132,720,500	1.2	147	1.9
North Carolina	126,968,991	1.2	149	1.9
Oregon	125,689,090	1.2	105	1.3
Louisiana	121,406,534	1.1	149	1.9
Tennessee	113,142,554	1.1	102	1.3
Utah	103,330,361	1.0	80	1.0
Nevada	100,770,000	0.9	101	1.3
Arizona	91,636,786	0.9	67	0.8
Kansas	82,547,333	0.8	88	1.1

Continued on next page.

**Table 9.40-- FEDERAL OMNIBUS SPENDING PROPOSALS,
BY STATE AND AREA: 2004 -- Con.**

State	Value of Earmarks		Number of Earmarks	
	Dollars	Percentage	Number	Percentage
Montana	76,207,500	0.7	82	1.0
Arkansas	75,133,208	0.7	61	0.8
New Mexico	71,433,500	0.7	77	1.0
Idaho	65,212,090	0.6	74	0.9
Indiana	63,342,000	0.6	75	0.9
Connecticut	62,653,667	0.6	73	0.9
Maine	46,589,591	0.4	60	0.8
Rhode Island	44,475,000	0.4	70	0.9
South Dakota	43,192,500	0.4	62	0.8
North Dakota	41,798,500	0.4	51	0.6
Nebraska	31,305,666	0.3	46	0.6
Vermont	31,280,666	0.3	54	0.7
Delaware	23,541,000	0.2	26	0.3
Wyoming	15,445,500	0.1	16	0.2
International	29,044,999	0.3	15	0.2
U.S. Territories	27,300,000	0.3	18	0.2
Miscellaneous	185,224,000	1.7	37	0.5
Unknown	46,986,000	0.4	47	0.6

Source: Taxpayers for Common Sense, "Federal Budget FY04 Omnibus Earmark Database", January 15, 2004 <<http://www.taxpayer.net/budget/fy04omnibus/states.htm>> accessed January 16, 2004 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.41-- FEDERAL GOVERNMENT GRANTS AND OTHER PAYMENTS TO HAWAII STATE
AND COUNTY GOVERNMENTS, BY SELECTED AGENCIES: 2002**

[For fiscal year ending September 30. All amounts in this table represent actual expenditures of the Federal Government]

Area	Hawaii		United States	
	Amount (\$1,000)	Percent	Amount (\$1,000)	Percent
Total	1,460,176	100.0	362,388,526	100.0
Department of Agriculture	99,879	6.8	21,486,507	5.9
Food and Nutrition Service	79,452	5.4	18,718,527	5.2
Department of Commerce	23,405	1.6	972,723	0.3
National Oceanic and Atmospheric Administration	19,419	1.3	545,194	0.2
Corporation for National and Community Service 1/	1,121	0.1	170,721	(2/)
Corporation for Public Broadcasting	2,123	0.1	356,694	0.1
Department of Defense	9,189	0.6	224,076	0.1
U.S. Army National Guard - civilian construction program	9,189	0.6	216,415	0.1
Department of Education	194,037	13.3	32,738,775	9.0
Office of Elementary and Secondary Education	117,334	8.0	17,081,306	4.7
Impact aid	43,962	3.0	1,132,377	0.3
Programs for American Indians, Alaska Natives & Native Hawaiians	9,808	0.7	124,420	(2/)
No Child Left Behind Act	25,299	1.7	4,669,442	1.3
Office of Postsecondary Education	16,903	1.2	1,527,010	0.4
Department of Energy	3,766	0.3	237,465	0.1
Environmental Protection Agency	34,562	2.4	3,777,857	1.0
Equal Employment Opportunity Commission	146	(2/)	30,637	(2/)
Federal Emergency Management Agency	4,333	0.3	3,406,354	0.9
Department of Health and Human Services	687,389	47.1	204,196,662	56.3
Administration for Children and Families	164,655	11.3	43,358,168	12.0
Centers for Medicare and Medicaid Services (Medicaid)	460,944	31.6	150,640,423	41.6

Continued on next page.

**Table 9.41-- FEDERAL GOVERNMENT GRANTS AND OTHER PAYMENTS TO HAWAII STATE
AND COUNTY GOVERNMENTS, BY SELECTED AGENCIES: 2002 -- Con.**

Area	Hawaii		United States	
	Amount (\$1,000)	Percent	Amount (\$1,000)	Percent
Department of Housing and Urban Development	143,610	9.8	36,964,915	10.2
Community planning and development	21,911	1.5	6,572,203	1.8
Housing programs	121,579	8.3	30,349,386	8.4
Institute for Museum and Library Services	2,073	0.1	214,825	0.1
Department of the Interior	6,965	0.5	3,366,566	0.9
Fish and Wildlife Services	4,658	0.3	483,016	0.1
National Park Service	638	(2/)	83,276	(2/)
Department of Justice	17,594	1.2	4,625,886	1.3
Department of Labor	52,712	3.6	8,375,721	2.3
Employment and Training Administration	49,115	3.4	8,004,797	2.2
Workforce Investment Act 1/	19,797	1.4	3,430,672	0.9
Social Security Admin. supplemental security income	35	(2/)	49,006	(2/)
State Justice Institute	1	(2/)	5,086	(2/)
Tennessee Valley Authority - payments in lieu of taxes	-	0.0	328,329	0.1
Department of Transportation	176,306	12.1	38,719,450	10.7
Coast Guard	1,711	0.1	64,452	(2/)
Federal Aviation Administration	15,467	1.1	2,860,166	0.8
Federal Highway Administration	124,930	8.6	30,170,846	8.3
Federal Transit Administration	33,266	2.3	5,223,168	1.4
Department of the Treasury	96	(2/)	465,015	0.1
Department of Veterans Affairs	-	0.0	486,208	0.1

1/ The data were extracted from the FY2002 quarterly data files submitted to the Federal Assistance Award System since FY2002 FAS data were not available at time of publication.

2/ Percentage less than 0.05.

Source: U.S. Census Bureau, *Federal Aid to States for Fiscal Year: 2002*, Table 1 (May 2003) p. 1, <<http://www.census.gov/prod/2003pubs/fas02.pdf>> accessed August 14, 2003.

Table 09.42-- FEDERAL PROCUREMENT BY AGENCY: 2002

[In thousands of dollars. Includes contracts greater than \$25,000. Agencies reporting exclude the U.S. Postal Service and the military commissaries and exchanges. 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 FY02 Hawaii procurement by place of performance was \$1,543,581,000. Per capita procurement was \$1,274, giving Hawaii a rank of 8 in both FY 2001 and FY 2002.]

Area	Total	Civilian Agencies		Department of Defense		
		Small Dis-advantaged	Other	Small Dis-advantaged	Other	
Hawaii	1,543,581	38,519	111,810	279,225	1,114,027	
Honolulu City & County	1,414,548	35,669	83,001	257,953	1,037,925	
Hawaii County	29,334	914	9,583	8,735	10,102	
Kauai County	52,384	246	1,935	11,456	38,747	
Maui County	47,315	1,690	17,291	1,081	27,253	
Top Five Agencies with Place of Performance in this State						
Department of Defense	1,393,252	Navy, Facilities Engineering Command, Pearl Harbor				581,103
General Services Administration	45,671	Army, Engineer District, Fort Shafter				166,393
Department of Agriculture	24,051	USAF, 15 CONS/LGC, Hickam AFB				135,329
Department of Transportation	19,457	Army, Hawaii Garrison, Fort Shafter				132,681
Department of the Interior	12,415	Navy, Fleet & Industrial Supply Center, Pearl Harbor				109,314
Top Five Contracting Offices Located in this State						

Continued on next page.

Table 09.42-- FEDERAL PROCUREMENT BY AGENCY: 2002 -- Con.

Type Of Product Or Service	Total	Small Business	Large Business	State & local gov't	Non-profit & other
Total	1,543,581	532,485	955,923	1,765	53,408
Construction	545,317	176,425	368,892	0	0
R & D	83,788	32,643	25,235	180	25,730
Services	607,099	251,484	327,457	1,054	27,104
Supplies & Equipment	307,377	71,933	234,339	531	574

Top Contractors Performing In This State

Civilian Agencies			Department Of Defense		
Rank	Contractors	Amount	Rank	Contractors	Amount
1	Maui Land & Pineapple Co.	13,955	1	Dick Corporation	151,699
2	Oceantronics Inc	11,397	2	Nan Inc	91,504
3	Pacific Educational Foundation	10,208	3	Northrop Grumman Corp.	83,051
4	University Of Hawaii	6,596	4	Tesoro Petroleum Corp.	78,357
5	Jarrett Technology Solutions Inc	6,515	5	Parsons-Uxb (Joint Venture)	66,489
6	Oceanic Companies Inc	5,809	6	Nova Group Inc	37,470
7	Commercial Data Systems Inc	5,495	7	ITT Industries Inc	33,900
8	Northwest Regional Educational	4,285	8	Raytheon Service Company Inc	30,130
9	Aquatic Farms Ltd	4,064	9	Actus Lend Lease LLC	28,776
10	Marisco Ltd	3,628	10	Hawaiian Electric Industries Inc	28,509

Source: U.S. General Services Administration, Federal Procurement Data Center, *Federal Procurement Report FY 2002, Section II, Geographic Views* <<http://www.fpdc.gov/fpdc/fpr2002.htm>> accessed June 24, 2003.

Table 9.43-- ADJUSTED FEDERAL EXPENDITURES PER DOLLAR OF TAXES, BY STATE AND THE DISTRICT OF COLUMBIA: FISCAL YEARS 1992 AND 2002

[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; and customs duties. Rank of 1 indicates highest expenditure per tax dollar. Federal fiscal year ending September 30]

Area	Expenditures per dollar of taxes			Ranking	
	1992	2002	10-year change in spending per dollar of tax	1992	2002
Alabama	1.39	1.64	0.26	7	7
Alaska	1.26	1.91	0.65	14	3
Arizona	1.17	1.21	0.03	19	22
Arkansas	1.28	1.55	0.27	13	10
California	0.93	0.76	-0.16	38	45
Colorado	1.06	0.78	-0.28	26	42
Connecticut	0.68	0.65	-0.02	49	49
Delaware	0.72	0.85	0.13	48	41
District of Columbia	5.86	6.44	0.58	(X)	(X)
Florida	1.08	1.01	-0.07	24	33
Georgia	1.00	1.01	0.01	32	32
Hawaii	1.14	1.57	0.43	21	9
Idaho	1.25	1.31	0.06	16	18
Illinois	0.72	0.77	0.04	47	44
Indiana	0.83	1.00	0.17	41	34
Iowa	1.05	1.23	0.18	28	20
Kansas	1.05	1.13	0.08	27	25
Kentucky	1.20	1.50	0.29	18	13
Louisiana	1.29	1.48	0.19	11	14
Maine	1.48	1.34	-0.14	4	16
Maryland	1.25	1.22	-0.03	15	21
Massachusetts	1.01	0.75	-0.27	31	46
Michigan	0.83	0.88	0.06	42	38
Minnesota	0.77	0.77	-0.01	44	43
Mississippi	1.84	1.89	0.05	2	4
Missouri	1.25	1.34	0.09	17	17
Montana	1.46	1.67	0.21	5	6
Nebraska	1.07	1.19	0.12	25	23
Nevada	0.74	0.74	0.00	45	47
New Hampshire	0.74	0.66	-0.08	46	48
New Jersey	0.66	0.62	-0.03	50	50

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Table 9.43-- ADJUSTED FEDERAL EXPENDITURES PER DOLLAR OF TAXES, BY STATE AND THE DISTRICT OF COLUMBIA: FISCAL YEARS 1992 AND 2002 -- Con.

Area	Expenditures per dollar of taxes			Ranking	
	1992	2002	10-year change in spending per dollar of tax	1992	2002
New Mexico	2.08	2.37	0.29	1	1
New York	0.86	0.85	-0.01	40	40
North Carolina	0.95	1.07	0.13	33	29
North Dakota	1.54	2.07	0.53	3	2
Ohio	0.94	1.03	0.09	34	31
Oklahoma	1.30	1.52	0.22	10	11
Oregon	0.94	0.98	0.04	36	35
Pennsylvania	1.02	1.09	0.07	30	27
Rhode Island	1.10	1.08	-0.02	23	28
South Carolina	1.29	1.34	0.05	12	15
South Dakota	1.31	1.61	0.30	9	8
Tennessee	1.11	1.26	0.15	22	19
Texas	0.93	0.92	0.00	37	36
Utah	1.17	1.14	-0.03	20	24
Vermont	0.94	1.13	0.19	35	26
Virginia	1.39	1.50	0.11	8	12
Washington	0.89	0.87	-0.02	39	39
West Virginia	1.44	1.82	0.38	6	5
Wisconsin	0.82	0.88	0.07	43	37
Wyoming	1.02	1.06	0.04	29	30

X Not applicable.

Source: Tax Foundation "Federal Taxing and Spending Benefit Some States, Leave Others Footing the Bill", August 1, 2003 <<http://www.taxfoundation.org/taxingspending.html>> accessed May 13, 2004 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.44-- 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 9.45-- STATE GENERAL OBLIGATION BOND DEBT: 1990 TO 2003

[In thousands of dollars. For fiscal year ending June 30]

Year	Debt	Year	Debt
1990	2,026,100	1997	3,102,288
1991	2,274,846	1998	3,387,988
1992	2,328,546	1999	3,189,298
1993	2,767,691	2000	3,299,863
1994	2,872,488	2001	3,244,857
1995	2,934,965	2002	3,568,001
1996	2,869,639	2003	3,634,738

Source: Hawaii State Department of Accounting and General Services, *State of Hawaii, Comprehensive Annual Financial Report*, Schedule I-2, annual (fiscal years 1994-2001); Ibid, *For the Fiscal Year Ended June 30, 2002*, p. 75

<<http://www.hawaii.gov/dags/rpts/rpts/divisions/divisions/Accounting/divisions/Accounting/cafr2002.pdf>>
and Ibid, *For the Fiscal Year Ended June 30, 2003*, p. 69

<<http://www.hawaii.gov/dags/rpts/rpts/divisions/divisions/Accounting/divisions/Accounting/cafr2003.pdf>>
accessed June 28, 2004.

Table 9.46-- GOVERNMENT WORKERS, BY LEVEL OF GOVERNMENT, CIVIL SERVICE STATUS, AND MEMBERSHIP IN STATE RETIREMENT SYSTEM: 1940 TO 2003

Year	Government jobs (annual averages) 1/				State civil service workers 2/	State retirement system members 3/
	All levels	Federal	Terr. 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	4/ 57,100	14,400	20,654	53,509
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	5/ 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	6/ 21,380	62,207
2001	114,450	30,100	67,300	17,100	(NA)	63,408
2002	117,950	4/ 30,650	70,150	17,150	(NA)	66,043
2003	119,150	31,650	70,550	16,950	(NA)	66,442

NA Not available.

1/ Data are rounded to the nearest 50 except for the year 2000, which is rounded to the nearest 100 and 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/ Revised from previous *Data Book*.

5/ 1995 data not comparable to earlier years.

6/ 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.

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 1990-2003 <<http://www.hawaii.gov/dlir/rs/loihi/LFR/CES.HTM>>; Hawaii State Department of Human Resources Development, records; Employees' Retirement System of the State of Hawaii, *Comprehensive Annual Report* (annual) and for 2002 and 2003 <http://www2.state.hi.us/ers/financial_reports.htm> accessed June 22, 2004 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 9.47--STATE AND LOCAL GOVERNMENT EMPLOYMENT AND PAYROLLS,
BY FUNCTION: MARCH 2002**

[In number of jobs and hours and thousands of dollars]

Government Function	Employment		Full-time equiv.	Total March	Payroll		Part-time employees	Part-time hours paid (March)
	Full-time	Part-time			Full-time employees	Part-time employees		
Total	65,755	20,594	70,461	222,659	210,178	12,481	821,904	
Financial Administration	1,558	27	1,569	5,203	5,173	30	1,912	
Central Administration	1,678	60	1,696	5,688	5,627	61	3,320	
Judicial and Legal	2,785	69	2,805	10,090	10,016	74	3,582	
Police - Power of Arrest	2,808	-	2,808	12,282	12,282	-	-	
Police - Other	795	187	836	2,551	2,479	72	7,294	
Firefighters	1,680	-	1,680	6,348	6,348	-	-	
Fire - Other	85	4	87	262	258	4	346	
Correction	2,463	23	2,473	8,031	7,982	48	1,812	
Streets and Highways	1,714	17	1,721	5,256	5,243	13	1,378	
Airports	1,095	20	1,104	3,047	3,031	16	1,538	
Water Transport	215	3	216	630	629	2	234	
Public welfare	888	56	907	2,754	2,724	31	3,288	
Health	2,661	94	2,697	8,860	8,725	135	6,268	
Hospitals	3,584	465	3,822	12,960	12,095	864	42,490	
Social Ins. Admin. (State)	436	56	462	1,303	1,216	87	4,538	
Solid Waste Management	537	2	538	1,704	1,702	2	182	
Sewerage	751	3	752	2,648	2,647	1	176	
Parks and Recreation	1,876	1,094	2,204	5,570	4,949	621	58,246	
Hous. & Comm. Dev. (Local)	306	84	344	982	930	52	6,720	

Continued on next page.

**Table 9.47--STATE AND LOCAL GOVERNMENT EMPLOYMENT AND PAYROLLS,
BY FUNCTION: MARCH 2002 -- Con.**

Government Function	Employment				Payroll			Part-time hours paid (March)
	Full-time	Part-time	Full-time equiv.	Total March	Full-time employees	Part-time employees		
Natural Resources	1,000	371	1,189	4,031	3,587	444	33,654	
Water Supply	981	6	983	3,227	3,224	3	292	
Transit	40	9	44	109	105	5	754	
Elem. & Sec. Instruction	20,144	6,709	20,830	60,390	58,365	2,025	113,949	
Elem. & Sec. Other - Total	4,815	3,963	5,244	12,202	11,361	841	71,283	
Higher Educ. - Instructional	2,080	1,475	2,538	12,623	10,368	2,255	81,066	
Higher Educ. - Other	3,763	5,332	5,706	17,734	13,263	4,471	343,928	
Other Education (State)	141	2	142	460	456	4	160	
Local Libraries	504	248	608	1,488	1,328	160	18,356	
Other and Unallocable	4,372	215	4,456	14,226	14,066	160	15,138	

Source: U.S. Census Bureau, *State and Local Government Employment and Payrolls, By Function: March 2002*, released November 12, 2003
<<http://www.census.gov/govs/apes/02stlall.xls>> accessed November 12, 2003.

Table 9.48--STATE GOVERNMENT EMPLOYMENT AND PAYROLLS, BY FUNCTION: MARCH 2002

[In number of jobs and hours and thousands of dollars]

Government Function	Employment		Payroll			Part-time hrs paid (March)	
	Full-time	Part-time	Full-time equiv.	Total March	Full-time employ.		Part-time empl.
Total	51,694	19,160	55,972	173,083	161,418	11,664	745,488
Financial Administration	646	9	648	2,107	2,102	5	340
Other Government Admin.	596	13	601	2,116	2,100	15	932
Judicial and Legal	2,218	57	2,233	7,873	7,808	65	2,644
Correction	2,463	23	2,473	8,031	7,982	48	1,812
Streets and Highways	908	10	912	2,966	2,960	5	780
Airports	1,095	20	1,104	3,047	3,031	16	1,538
Water Trans. & Terminals	215	3	216	630	629	2	234
Welfare	809	20	818	2,527	2,514	12	1,508
Health	2,460	88	2,494	8,059	7,929	129	5,952
Hospitals	3,584	465	3,822	12,960	12,095	864	42,490
Social Ins. Admin. (State)	436	56	462	1,303	1,216	87	4,538
Parks and Recreation	163	190	229	570	451	118	11,762
Natural Resources	996	363	1,184	4,016	3,579	437	33,156
Elem. and Sec: Instruction	20,144	6,709	20,830	60,390	58,365	2,025	113,949
Elem. and Sec: Other Total	4,815	3,963	5,244	12,202	11,361	841	71,283
Higher Educ. - Instructional	2,080	1,475	2,538	12,623	10,368	2,255	81,066
Higher Educ. - Other	3,763	5,332	5,706	17,734	13,263	4,471	343,928
Other Education (State)	141	2	142	460	456	4	160
Local Libraries	498	248	602	1,466	1,307	160	18,356
Other and Unallocable	3,664	114	3,714	12,005	11,901	104	9,060

Source: U.S. Census Bureau, *State Government Employment And Payroll Data: March 2002*, released November 12, 2003
 <<http://www.census.gov/govs/apes/02stall.xls>> accessed November 12, 2003.

Table 9.49--LOCAL GOVERNMENT EMPLOYMENT AND PAYROLLS, BY FUNCTION: MARCH 2002

[In number of jobs and hours and thousands of dollars]

Government Function	Employment			Payroll			Part-time hrs paid (March)
	Full-time	Part-time	Full-time	Total	Full-time	Part-time	
	time	time	equiv.	March	employ.	empl.	
Total	14,061	1,434	14,489	49,576	48,760	816	76,416
Financial Administration	912	18	921	3,097	3,071	26	1,572
Other Government Admin.	1,082	47	1,095	3,572	3,526	46	2,388
Judicial and Legal	567	12	572	2,216	2,207	9	938
Police Protection - Officers	2,808	-	2,808	12,282	12,282	-	-
Police - Other	795	187	836	2,551	2,479	72	7,294
Firefighters	1,680	-	1,680	6,348	6,348	-	-
Fire - Other	85	4	87	262	258	4	346
Streets and Highways	806	7	809	2,290	2,283	8	598
Welfare	79	36	89	228	210	18	1,780
Health	201	6	203	801	796	5	316
Solid Waste Management	537	2	538	1,704	1,702	2	182
Sewerage	751	3	752	2,648	2,647	1	176
Parks and Recreation	1,713	904	1,975	5,001	4,498	503	46,484
Hous. & Comm. Dev. (Local)	306	84	344	982	930	52	6,720
Natural Resources	4	8	5	15	8	7	498
Water Supply	981	6	983	3,227	3,224	3	292
Transit	40	9	44	109	105	5	754
Local Libraries	6	-	6	22	22	-	-
Other and Unallocable	708	101	742	2,221	2,164	56	6,078

Source: U.S. Census Bureau, *Local Government Employment And Payrolls, By Function: March 2002*, released November 12, 2003
 <<http://www.census.gov/govs/apes/02local.xls>> accessed November 12, 2003.

Table 9.50-- PUBLIC EMPLOYEES INCLUDED IN COLLECTIVE BARGAINING UNITS: 2003

[As of December 31]

Bar-gain-ing unit	Union	Job category	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/
		Total	58,079	20,746	7,924	1,874	1,780	921	13,517	1,485	6,516	3,316
1	UPW	Blue-collar nonsupervisors	8,603	4,410	1,876	429	491	332	-	60	515	490
2	HGEA	Blue-collar supervisors	810	436	227	43	43	15	-	3	15	28
3	HGEA	White-collar nonsupervisors	13,571	8,317	1,619	523	479	222	-	840	949	622
4	UPW	White-collar supervisors	852	543	136	30	28	13	-	55	31	16
5	HSTA	Hawaii State Teachers Assn.	12,766	-	-	-	-	-	12,766	-	-	-
6	HGEA	Educational officers	751	-	-	-	-	-	751	-	-	-
7	UHPA	University of Hawaii faculty	3,438	-	-	-	-	-	-	-	3,438	-
8	HGEA	Personnel of the University of Hawaii and the community college system, other than faculty	1,558	-	-	-	-	-	-	-	1,558	-
9	HGEA	Registered prof. nurses	1,341	422	-	-	-	-	-	1	8	910
10	UPW	Institutional, health and correctional workers	2,871	1,610	201	-	-	-	-	34	2	1,024
11	HFFA	Firefighters	1,819	160	1,007	270	267	115	-	-	-	-
12	SHOPO	Police officers	2,697	-	1,895	373	304	125	-	-	-	-
13	HGEA	Prof. & scientific workers	7,002	4,848	963	206	168	99	-	492	-	226

1/ HHSC The Hawaii Health Systems Corporation.

Source: State of Hawaii Labor Relations Board, *HLLRB Informational Bulletin* No. 42, May 14, 2004.

**Table 9.51-- SALARIES OF SELECTED GOVERNMENT OFFICIALS:
2000 TO 2004**

[Annual rates, in dollars, as of January 1]

Government official	2000	2001	2002	2003	2004
Governor	94,780	94,780	94,780	94,780	94,780
Lieutenant Governor	90,041	90,041	90,041	90,041	90,041
Mayor, Honolulu 1/ 2/	102,000	110,000	112,200	112,200	112,200
Mayor, Hawaii 3/	78,564	78,564	78,564	85,080	85,080
Mayor, Maui 4/	89,712	89,712	96,000	96,000	96,000
Mayor, Kauai	73,118	73,118	73,118	73,118	73,118
Chief Justice, Supreme Court 5/	116,779	116,779	116,779	116,779	116,779
Assoc. Justice, Supreme Court 5/	115,547	115,547	115,547	115,547	115,547
President, University of Hawaii 6/	167,184	167,184	442,000	442,000	442,000

1/ 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.

2/ Revised from previous *Data Book*.

3/ 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.

4/ On January 1, 2002 the Mayor's salary increased 7 percent from \$89,712 to \$96,000.

5/ 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.

6/ For 1996-2000, Kenneth J. Mortimer's contract, expiring June 30, 2003, reportedly included use of the residence at College Hill and of a car. The Board of Regents was not available to confirm the contract and salary specifics. The contracted salary for Evan S. Dobbelle of \$442,000 was effective July 2, 2001 and is to run to June 30, 2008.

Source: City & County of Honolulu, Hawaii, Maui, and Kauai County Mayor's offices, ordinances and Salary Commissions records; and Hawaii State Department of Business, Economic Development & Tourism telephone surveys.

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: 2003* presents data on national defense and veterans affairs for other states and the U.S. as a whole.

**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]

	Selected reserves by home of record		Active duty by legal residence	
	United States	Hawaii	United States	Hawaii
	Total	876,527	9,108	1,399,751	3,970
American Indian/Alaska Native	8,275	52	15,795	13
Asian/Pacific Islander	26,640	5,639	56,667	2,630
Black	143,672	436	275,205	173
White	611,482	2,122	897,514	710
Hispanic	70,333	374	127,900	149
Other/unknown	16,125	485	26,670	295
Other	(NA)	(NA)	13,869	95
Unknown	(NA)	(NA)	12,801	200
Total	876,527	9,108	1,399,751	3,970
Female	151,656	1,656	210,085	592
Male	724,871	7,452	1,189,666	3,378

NA Not available.

Source: U.S. Department of Defense, Directorate of Information, Operations and Reports unpublished compilation, September 10, 2003 based on Defense Manpower Data Center unpublished data.

**Table 10.03-- MILITARY PERSONNEL, DEPENDENTS, AND FAMILIES:
1980 TO 2003**

[Includes Navy, Marine Corps, and Coast Guard personnel afloat on a homeported basis. Data differ from similar series compiled by the Census Bureau and Department of Defense. The scope of the table has been modified from previous *Data Book* and data are restricted to those collected during the survey, unless otherwise noted, and are no longer supplemented with U.S. DOD estimates]

Date	Military personnel 1/				Dependents in Hawaii	Military families
	Total ashore	Living ashore		Aboard ship		
		In hsg. units	In barracks			
1980: April 1	48,813	35,115	13,698	12,206	64,023	26,129
1981: July 1	46,255	28,674	17,581	15,266	64,344	25,893
1982: July 1	54,184	34,510	19,674	6,923	66,709	26,009
1983: July 1	53,755	35,910	17,845	5,266	66,252	26,791
1984: July 1	56,321	39,754	16,567	4,483	67,083	31,415
1985: July 1	53,848	35,821	18,027	4,157	64,281	29,997
1986: July 1	53,616	37,168	16,448	4,968	66,210	29,481
1987: July 1	56,322	37,452	18,870	3,955	64,850	32,038
1988: July 1	60,621	45,244	15,377	3,432	69,905	34,535
1989: July 1	53,263	36,765	16,498	3,107	60,274	31,652
1990: April 1	50,681	32,044	18,637	3,217	59,935	30,934
1991: July 1	51,197	34,715	16,482	2,616	63,328	28,655
1992: July 1	50,206	32,317	17,889	2,759	56,994	23,751
1993: July 1 2/	44,152	29,623	14,529	1,285	62,166	25,952
1994: July 1	42,790	24,765	18,025	1,403	3/ 54,130	27,478
1995: July 1 2/	43,839	30,139	13,700	2,132	3/ 46,311	21,700
1996: July 1	40,457	27,890	12,567	2,562	3/ 54,882	24,667
1997: July 1 2/	38,884	26,888	11,996	2,885	3/ 55,082	22,996
1998: July 1 2/	37,761	26,190	11,571	3,012	3/ 60,022	24,965
1999: July 1	34,301	22,726	11,575	5,926	3/ 43,950	25,678
2000: April 1	35,883	23,241	12,642	6,394	3/ 43,090	23,034
2001: July 1	(NA)	(NA)	(NA)	4/ 3,565	3/ 52,906	(NA)
2002: July 1	(NA)	(NA)	(NA)	4/ 6,169	49,044	(NA)
2003: July 1	(NA)	(NA)	(NA)	4/ 5,417	56,572	(NA)

NA Not available.

1/ Beginning in 1982, ship crews living ashore are included with the total ashore.

2/ DBEDT extrapolation based on incomplete survey data.

3/ Revised from previous *Data Book*.

4/ Navy navy personnel assigned to ships on a specified date may have another place to live elsewhere in Hawaii. Therefore, they may be counted more than once in the type of residence columns.

Source: Hawaii State Department of Business, Economic Development & Tourism, annual survey of local commanding officers.

Table 10.04-- MILITARY PERSONNEL, DEPENDENTS, AND FAMILIES, BY SERVICE AND ISLAND: JULY 1, 2003

Service and island	Personnel and dependents	Military personnel				Dependents in Hawaii	Military families
		Total	Living ashore		Aboard ship		
			In hsg. units	In barracks			
State total	(NA)	(NA)	(NA)	(NA)	5,417	56,572	(NA)
Air Force	13,868	4,405	(NA)	(NA)	-	9,463	(NA)
Oahu	(NA)	(NA)	(NA)	(NA)	-	(NA)	(NA)
Maui	(NA)	(NA)	(NA)	(NA)	-	(NA)	(NA)
Army	44,090	17,832	12,734	5,098	-	26,258	10,503
Oahu	44,051	17,821	12,723	5,098	-	26,230	10,492
Hawaii	39	11	11	-	-	28	11
Coast Guard	2,399	1,188	1,088	60	40	1,211	552
Oahu	2,282	1,126	1,026	60	40	1,156	527
Hawaii	49	24	24	-	-	25	10
Maui	28	15	15	-	-	13	5
Kauai	40	23	23	-	-	17	10
Marine Corps	12,425	7,314	3,415	3,899	-	5,111	2,388
Oahu	12,420	7,313	3,414	3,899	-	5,107	2,388
Hawaii	5	1	1	-	-	4	-
Navy	(1/)	(1/)	5,763	3,875	5,377	14,529	6,079
Oahu	(1/)	(1/)	5,724	3,829	5,377	14,451	6,041
Kauai	(1/)	(1/)	39	46	-	78	38

NA Not available.

1/ The total number of navy military personnel does not sum to the total of personnel living in housing units, in barracks and aboard ship 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.

Source: Hawaii State Department of Business, Economic Development & Tourism, annual survey of local commanding officers.

**Table 10.05-- DEPARTMENT OF DEFENSE PERSONNEL
AND DEPENDENTS: 1989 TO 2003**

[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

1/ Excludes Navy personnel afloat or temporary shore-based, e.g., 5,600 in 1995.

2/ Includes dependents of Hawaii residents stationed out of the State, if those dependents remained in Hawaii.

Source: U.S. Department of Defense, Washington Headquarters Services, Directorate for Information, Operations and Reports, *Department of Defense Selected Manpower Statistics* (annual through 1996); *Worldwide Manpower Distribution by Geographical Area, September 30* (annual since 1997) <<http://web1.whs.osd.mil/mmid/pubs.htm>> accessed January 23, 2004.

**Table 10.06-- DEPARTMENT OF DEFENSE PERSONNEL, BY SELECTED LOCATIONS:
SEPTEMBER 30, 2003**

Installation or geographic area	Total personnel	Military personnel 1/					Civilian personnel 2/				
		Total	Army	Navy	Marines	Air Force	Total	Army	Navy/ Marine	Air Force	Other defense agencies
State total	50,805	34,203	15,985	8,381	5,161	4,676	16,602	4,304	9,293	1,961	1,044
Aiea	267	252	-	245	-	7	15	-	4	-	11
Barbers Point NAS	241	108	63	45	-	-	133	-	62	23	48
Camp H.M. Smith	1,420	1,117	308	-	550	259	303	-	267	-	36
Ford Island	250	45	-	8	11	26	205	2	17	-	186
Fort Shafter	2,114	812	812	-	-	-	1,302	1,290	-	-	12
Hickam AFB	5,503	3,704	145	12	15	3,532	1,799	4	-	1,680	115
Honolulu	1,723	356	249	77	1	29	1,367	146	1,172	14	35
Kaneohe	7,232	6,636	-	2,176	4,460	-	596	-	527	-	69
Kauai Island	225	92	-	92	-	-	133	-	133	-	-
Kunia	2,111	2,044	624	895	76	449	67	17	47	3	-
Lualualei	114	-	-	-	-	-	114	-	114	-	-
Oahu Island	242	128	-	128	-	-	114	110	1	-	3
Pearl City	300	1	-	1	-	-	299	19	280	-	-
Pearl Harbor	11,295	4,561	84	4,224	46	207	6,734	3	6,383	-	348
Schofield Barracks	12,286	11,509	11,509	-	-	-	777	660	22	-	95
Tripler Army Med Ctr	2,805	1,387	1,375	7	-	5	1,418	1,405	13	-	-
Wahiawa	520	364	-	363	1	-	156	11	134	-	11
Wheeler AFB/Army Fld	1,602	968	816	17	-	135	634	431	15	115	73
Other	555	119	-	91	1	27	436	206	102	126	2

1/ Active duty. Navy figure includes Marine Corps and excludes personnel afloat or temporary shore-based. There are approximately 7,000 personnel afloat for Hawaii..

2/ Direct hire. Army data include civil function personnel.

Source: U.S. Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports "Distribution of Personnel by State and by Selected Locations: September 30, 2003" <http://www.dior.whs.mil/MMID/M02/fy03/M02_2003_Personnel.pdf> accessed May 14, 2004.

**Table 10.07-- DEPARTMENT OF DEFENSE SUMMARY OF PERSONNEL,
PAYROLLS, AND PRIME CONTRACT AWARDS, 2003**

[In persons and thousands of dollars. For fiscal year ending September 30]

Personnel or expenditure	Total	Army	Navy & Marine Corps	Air Force	Other defense activities
Total personnel 1/	62,203	26,925	24,378	9,856	1,044
Active duty military	34,203	15,985	13,542	4,676	-
Civilian	16,602	4,304	9,293	1,961	1,044
Reserve & National Guard	11,398	6,636	1,543	3,219	-
Total expenditures	4,888,000	1,408,287	2,238,448	742,530	498,736
Payroll outlays	3,037,582	986,244	1,514,633	489,284	47,421
Active duty military	1,641,229	607,430	779,570	254,229	-
Civilian	1,029,029	239,140	625,148	117,320	47,421
Reserve & National Guard	90,861	46,345	4,682	39,834	-
Retired military	276,463	93,329	105,233	77,901	-
Contracts 1/	1,807,956	395,469	713,600	253,196	445,691
Supply & equipment	487,571	23,944	36,495	9,603	417,529
RDT & E 2/	121,356	14,211	42,962	63,382	801
Service	917,498	224,319	490,612	175,206	27,361
Construction	275,269	126,733	143,531	5,005	-
Civil function	6,262	6,262	-	-	-
Grants	42,462	26,574	10,215	50	5,624

Top Ten Contractors receiving the largest dollar volume of prime contract awards

Contractor name	Amount	Contractor name	Amount
Tesoro Petroleum Corporation	184,583	Metcalf Construction Company	48,411
Amerisourcebergen Corporation	174,452	JHL Construction, Inc	48,359
Nan, Inc	102,378	ITT Industries, Inc	39,056
Parsons-UXB (Joint Venture)	86,106	University of Hawaii	37,545
Pacific Marine & Sup Co Ltd	56,841	The Boeing Company	35,391

Continued on next page.

**Table 10.07-- DEPARTMENT OF DEFENSE SUMMARY OF PERSONNEL,
PAYROLLS, AND PRIME CONTRACT AWARDS, 2003 -- Con.**

Major locations of expenditures	Total	Payroll outlays	Grants or contracts
Pearl Harbor	1,273,513	892,896	380,617
Schofield Barracks	660,756	476,544	184,212
Honolulu	591,399	183,232	408,167
Hickam AFB	507,071	334,619	172,452
Kaneohe	357,871	292,918	64,953
Aiea	222,180	34,104	188,076
Tripler Army Med Ctr	164,706	124,489	40,217
Fort Shafter	161,509	133,416	28,093
Wheeler AFB/Army Fld	90,534	80,808	9,726
Camp H.M. Smith	86,000	84,296	1,704
Major locations of personnel	Total military & civilian	Active duty military	Civilian
Schofield Barracks	12,286	11,509	777
Pearl Harbor	11,295	4,561	6,734
Kaneohe	7,232	6,636	596
Hickam AFB	5,503	3,704	1,799
Tripler Army Med Ctr	2,805	1,387	1,418
Fort Shafter	2,114	812	1,302
Kunia	2,111	2,044	67
Honolulu	1,723	356	1,367
Wheeler AFB/Army Fld	1,602	968	634
Camp H.M. Smith	1,420	1,117	303

1/ 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 and beginning in FY 2001 reporting contracts less than \$25,000 became optional.

2/ RDT&E Research, Development, Test, and Evaluation

Source: U.S. Department of Defense, Washington Headquarters Services, Directorate for Information, Operations and Reports, *Atlas/Data Abstract for the United States and Selected Areas: 2003* and <http://www.dior.whs.mil/MMID/L03/fy03/ATLAS_2003.pdf> accessed May 14, 2004.

**Table 10.08-- DEPARTMENT OF DEFENSE PERSONNEL AND DEPENDENTS,
BY SERVICE: 2002 AND 2003**

[As of September 30. Includes personnel performing Civil Functions, primarily those associated with the Army Corps of Engineers. Excludes Coast Guard]

Category	All services	Army	Navy	Air Force	Marine Corps	Other DOD
2002						
Total	98,118	42,072	31,609	12,892	10,478	1,067
Total military and dependents	81,610	37,631	22,684	10,817	10,478	(NA)
Military personnel 1/	34,608	15,985	8,654	4,289	5,680	(NA)
Family members 2/	47,002	21,646	14,030	6,528	4,798	(NA)
Command-sponsored	44,137	21,646	12,185	6,425	3,881	(NA)
Non-command-sponsored	2,865	-	1,845	103	917	(NA)
Direct-hire civilians 3/	16,508	4,441	8,925	2,075	3/	1,067
2003						
Total	96,925	42,503	30,189	13,286	9,903	1,043
Total military and dependents	80,323	38,199	20,896	11,325	9,903	(NA)
Military personnel 1/	34,203	15,985	8,381	4,676	5,161	(NA)
Family members 2/	46,120	22,214	12,515	6,649	4,742	(NA)
Command-sponsored	42,403	22,214	9,855	6,544	3,790	(NA)
Non-command-sponsored	3,717	-	2,660	105	952	(NA)
Direct-hire civilians 3/	16,602	4,304	9,293	1,961	3/	1,044

NA Not available.

1/ Active duty. Data exclude personnel afloat or temporary shore-based.

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/ All civilians are Direct-hires and are U.S. citizens except for 4 Navy Foreign National Hires. Source data include Marine Corps with Navy. Dependents of civilian employees are not reported.

Source: U.S. Office of the Secretary of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, *Worldwide Manpower Distribution by Geographical Area, September 30, 2002* (pp. 1, 8, 15, 18, 21, 23, 25, 28, 29, 33, 37, and 41) and <<http://web1.whs.osd.mil/mmid/m05/m05sep02.pdf>> accessed March 25, 2003; and Ibid, *September 30, 2003* (pp. 1, 8, 18, 20, 22, 24, 28, 32, 36, and 40) and <<http://web1.whs.osd.mil/mmid/m05/m05sep03.pdf>> accessed January 23, 2004.

**Table 10.09 -- DIRECT AND INDIRECT IMPACT OF A \$1 BILLION
MILITARY EXPENDITURE**

[Total and top 10 in each category presented. Based on interindustry relationships in 1997]

Category	Amount
Total output (\$ millions)	1,800
Defense - military & civilian	780
Real estate	186
Construction	123
Business & professional services	107
Health services	92
Retail trade	73
Banking & insurance	73
Manufacturing of durables	46
Electricity	38
Wholesale trade	36
Total employment (number of jobs)	24,650
Defense - military & civilian	13,667
Business & professional services	1,836
Retail trade	1,445
Construction	1,131
Health services	1,097
Eating & drinking places	651
Banking & insurance	638
Personal services	576
Real estate	478
Wholesale trade	426
Total household income (\$ millions)	1,000
Defense - military & civilian	674
Business & professional services	56
Construction	54
Health services	49
Retail trade	31
Banking & insurance	21
Wholesale trade	14
Real estate	13
Eating & drinking places	11
Transportation & warehousing	11

Source: Hawaii State Department of Business, Economic Development & Tourism,
The Hawaii Input-Output Study: 1997 Benchmark Report (March 2002)
 <<http://www.hawaii.gov/dbedt/97io/97i-o.pdf>> accessed April 24, 2003 and records.

**Table 10.10-- FEDERAL EXPENDITURES FOR ARMY AND AIR
NATIONAL GUARD: 2001 AND 2002**

[In dollars. For fiscal year ending September 30]

Category	2001	2002
Total Federal support for Army National Guard	65,027,451	86,176,553
Total funds provided by National Guard Bureau (Army)	11,160,260	12,009,872
Total funds allotted to U.S. Property & Fiscal Office for Hawaii	53,828,149	74,166,681
National Guard Personnel Appropriation - Army	19,021,951	25,600,772
Military pay, transportation, and subsistence	18,199,069	24,773,659
Military uniform	499,732	543,851
Subsistence	323,150	283,262
Oper. and maint., military constr. approp. - Army	33,259,190	20,644,952
Civilian pay	19,006,491	19,965,806
Transportation and travel - Personnel	612,420	679,146
Equipment, supplies and service	7,994,737	10,064,179
Ground operations	4,129,356	4,633,440
Air operations	1,208,588	2,047,597
Other operating supplies and services	2,656,793	3,383,142
Construction, repairs, and utilities	5,645,542	16,176,775
Armory construction	-	8,135,893
Architectural and engineering services	-	961,376
Non-armory construction	38,992	350,000
Maintenance, repairs, and environmental	4,023,200	4,975,233
Utilities	1,583,350	1,754,273
Total funded by National Guard Bureau	1,586,000	1,680,000
Oper. & maint. Def. Approp.-Army Youth ChalleNGe	1,586,000	1,680,000
Total Federal support for Air National Guard	114,821,669	126,519,599
Total funds allotted to U.S. Property & Fiscal Office for Hawaii	86,900,955	101,215,830
National Guard Personnel Appropriation - Air	1,868,445	1,868,895
Deployments, transportation and travel	1,448,720	1,565,422
Military uniform	127,058	145,606
Subsistence	292,667	157,867
Oper. and maint., military constr. approp. - Air	85,032,480	99,346,353
Civilian pay	45,751,926	43,608,344
Transportation and travel	1,157,327	1,590,332
Personnel/deployments	1,018,474	1,457,653
Equipment and supplies	138,853	132,679
Equipment, supplies and service	36,575,728	52,176,662
Equipment	180,285	934,410
Supplies	6,313,714	9,699,773
Depot level repairables	22,459,223	25,861,539
Aviation fuel	4,897,828	11,623,011
Other operating supplies and services	2,724,678	4,057,929
Construction repairs	1,547,499	1,971,015
Architectural and engineering services	-	228,203
Minor construction/major repairs	17,384	431,512
Operations and maintenance agreements	1,530,115	1,311,300
Total funded by Air National Guard Bureau	27,920,714	25,303,769
Annual training pay	4,175,608	4,162,070
Other active duty pay	5,109,328	2,618,457
Inactive duty training pay	8,889,309	8,867,369
Basic training pay	1,373,989	95,569
Active Guard Reserve pay	8,372,480	9,560,305

Source: Hawaii Department of Defense, *Annual Report Fiscal Year 2001*, pp. 39-40; and, *ibid 2002*
<<http://www.dod.state.hi.us/annualreport.html>> accessed April 30, 2003 and calculations
by Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.11-- NATIONAL GUARD STRENGTH: 1980 TO 2002;
AND ARMY NATIONAL GUARD, BY ISLAND: 2002**

[Strength as of September 30]

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
2000 1/	5,415	3,010	2,405	(NA)	(NA)	(NA)
2001 1/	5,383	2,978	2,405	(NA)	(NA)	(NA)
2002 1/	5,334	2,914	2,420	(NA)	(NA)	(NA)
2002 1/ Oahu	5,334 (NA)	2,914 2,257	2,420 (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)
Hawaii	(NA)	382	(NA)	(NA)	(NA)	(NA)
Kauai	(NA)	110	(NA)	(NA)	(NA)	(NA)
Maui	(NA)	120	(NA)	(NA)	(NA)	(NA)
Molokai	(NA)	13	(NA)	(NA)	(NA)	(NA)
Lanai	(NA)	5	(NA)	(NA)	(NA)	(NA)
On Mainland tours	(NA)	26	(NA)	(NA)	(NA)	(NA)

NA Not available.

1/ Personnel strength is for "assigned".

Source: Hawaii State Department of Defense, *Annual Report Fiscal Year* (annual); for Fiscal Year 1999 to 2002 <<http://www.dod.state.hi.us/annualreport.html>> accessed May 7, 2003.

**Table 10.12-- CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT,
DEPARTMENT OF DEFENSE, AND PEARL HARBOR NAVAL SHIPYARD:
ANNUAL AVERAGES, 1990 TO 2003**

[According to the North American Industrial Classification System (NAICS) adopted in 1997. Data represent rebenchmarked estimates of those originally available in *Data Book 2002* Table 10.11 which were according to the Standard Industrial Code (SIC) and will not be rebenchmarked]

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	16,300	(1/)
1998	30,400	16,000	(1/)
1999	30,300	15,800	(1/)
2000	31,000	15,500	(1/)
2001	30,100	15,650	4,700
2002	30,650	15,850	4,950
2003	31,650	15,800	4,750

1/ NAICS series data are not available.

Source: Hawaii State Department of Labor and Industrial Relations, "State of Hawaii Not Seasonally Adjusted Jobcount By Detailed Industry" <<http://www.loihi.state.hi.us/LFR/CESST90S.PDF>> and <<http://www.loihi.state.hi.us/LFR/CESST00S.PDF>> accessed June 8, 2004.

Table 10.13-- SELECTIVE SERVICE REGISTRATION: 2000 TO 2003

Subject	Registrants
2000	
Draft eligible registrants, born 1974-1979	39,002
Born 1980-1981	10,787
Born 1974-1981	49,789
2001	
Draft eligible registrants, born 1976-1981	40,504
Born 1982-1983	10,826
Born 1976-1983	51,330
2002	
Draft eligible registrants, born 1977-1982	43,837
Born 1983-1984	10,589
Born 1977-1984	54,426
2003	
Draft eligible registrants, born 1977-1982	46,994
Born 1983-1984	10,281
Born 1977-1984	57,275

Source: Selective Service System, *Annual Report to Congress for the Fiscal Year* (annual)
 <<http://www.sss.gov/PUBLIC.HTM>> accessed May 21, 2004.

**Table 10.14-- MILITARY PRIME CONTRACT AWARDS,
BY PROGRAM: 2000 TO 2003**

[In thousands of dollars. Fiscal years ended September 30.
Net value of Department of Defense prime contracts over \$25,000]

Procurement program	2000	2001	2002	2003
Total	1,159,586	1,307,386	1,433,119	1,807,959
Airframes and spares	19,267	-	3,522	12,438
Aircraft engines and spares	-	-	70	-
Other aircraft equipment	925	-	80	897
Missile and space systems	1,778	4,024	3,374	29,026
Ships	30,248	52,133	47,775	76,538
Combat vehicles	-	150	400	400
Non-combat vehicles	55	84	72	54
Weapons	-	-	-	110
Ammunition	-	-	-	-
Electronics and communication equip.	30,401	27,869	40,168	49,559
Petroleum	88,255	109,276	78,593	198,103
Other fuels and lubricants	696	133	757	379
Containers and handling equipment	-	-	88	105
Textiles, clothing, and equipage	138	123	136	761
Building supplies	-	150	183	-
Subsistence	17,382	14,085	16,804	17,510
Transportation equipment	-	133	79	23
Production equipment	80	28	28	97
Construction	532,296	601,521	590,958	580,083
Construction equipment	1,129	144	62	334
Medical and dental supplies and equip.	9,482	14,199	24,261	178,820
Photographic supplies and equipment	170	2,537	-	52
Materials handling equipment	54	39	353	3,008
All other supplies and equipment	41,024	41,969	92,526	95,759
Services	386,205	438,789	532,831	563,903

Source: U.S. Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, *Prime Contract Awards by Region and State, FY 2001, 2000 and 1999 and* <<http://web1.whs.osd.mil/peidhome/geostats/P06/fy2000/P6Hawaii.HTM>>; and Geographic Statistics, *Prime Contract Awards by State, Awards - State & Major Procurement Program* <http://web1.whs.osd.mil/peidhome/geostats/P06-P09/FY2001/P06-P09-State-Maj-Procurement-2001.xls> <http://web1.whs.osd.mil/peidhome/geostats/P06-P09/FY2002/P06-P09-State-Maj-Procurement-2002.xls> accessed March 27, 2003; <http://web1.whs.osd.mil/peidhome/geostats/P06-P09/FY2003/P06-P09-State-Maj-Procurement-2003.xls> accessed March 10, 2004; and Hawaii State Department of Business, Economic Development & Tourism calculations.

**Table 10.15-- DEPARTMENT OF DEFENSE PRIME CONTRACTS, BY
BRANCH: 1995 TO 2003**

[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 and beginning in FY 2001 reporting contracts less than \$25,000 became optional.

Year	Total	Army	Navy & Marine Corps	Air Force	Other defense activities
1995	673,640	227,674	308,584	84,201	53,181
1996	928,480	223,284	519,813	106,939	78,444
1997	957,353	248,629	533,037	93,845	81,841
1998	889,607	234,446	456,876	99,963	98,322
1999	984,848	231,622	569,599	92,311	91,316
2000	1,159,586	243,817	618,072	168,587	129,110
2001	1,307,386	384,621	675,948	93,021	153,796
2002	1,433,119	347,108	771,034	156,322	158,655
2003	1,807,956	395,469	713,600	253,196	445,691

Source: U.S. Department of Defense, Washington Headquarters Services, Directorate for Information, Operations and Reports, *Atlas/Data Abstract for the United States and Selected Areas: 2003* and <http://www.dior.whs.mil/MMID/L03/fy03/ATLAS_2003.pdf> accessed May 14, 2004.

**Table 10.16-- DEPARTMENT OF DEFENSE PRIME CONTRACT AWARDS,
BY COUNTY, BY DEFENSE COMPONENT: 2000 TO 2003**

[In thousands of dollars. For fiscal year ending September 30.
Net value of Department of Defense prime contracts over \$25,000]

Procurement program	State	Hawaii	Honolulu	Kauai	Maui
2000	1,159,586	6,290	1,064,455	61,309	27,530
Army	242,588	4,877	221,876	8,161	7,674
Navy	618,072	114	564,561	53,017	380
Air Force	168,587	900	148,079	131	19,476
Defense Logistics Agency	106,043	-	106,043	-	-
Civil Functions: Corps of Eng.	1,229	372	856	-	-
Other Defense agencies	23,067	26	23,040	-	-
2001	1,307,386	5,967	1,195,820	73,857	31,742
Army	381,608	5,626	365,342	975	9,665
Navy	675,948	361	602,507	72,712	368
Air Force	93,021	95	71,623	170	21,133
Defense Logistics Agency	134,585	-	134,585	-	-
Civil Functions: Corps of Eng.	3,013	-115	2,552	-	576
Other Defense agencies	19,211	-	19,211	-	-
2002	1,433,119	19,570	1,329,220	55,653	28,676
Army	340,323	10,798	325,702	599	3,224
Navy	771,034	3,048	709,712	55,102	3,172
Air Force	156,322	851	133,995	92	21,384
Defense Logistics Agency	129,250	-	129,333	-82	-
Civil Functions: Corps of Eng.	6,785	4,109	1,780	-	896
Other Defense agencies	29,405	763	28,699	-57	-
2003	1,807,959	24,356	1,665,659	73,660	44,284
Army	389,203	16,797	362,889	1,504	8,013
Navy	713,601	659	642,310	70,549	84
Air Force	253,198	127	217,596	84	35,391
Defense Logistics Agency	407,652	1,294	404,835	1,523	-
Civil Functions: Corps of Eng.	6,262	817	5,444	-	-
Other Defense agencies	38,043	4,661	32,585	-	796

Source: U.S. Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, *Prime Contract Awards by Region and State, Fiscal Year 2000*
<<http://web1.whs.osd.mil/peidhome/st/st25/fy2000/STHawaii.HTM>>; Geographic Statistics, Prime Contract Awards by State, Awards - State/County Summary
<<http://web1.whs.osd.mil/PEIDHOME/GEOSTATS/geostat.HTM>> accessed March 9, 2004.

Table 10.17-- MILITARY SUBCONTRACTING PROGRAM: 2000 TO 2003

[In thousands of dollars and percent. Fiscal year ending September 30. Public Law 95-507, as amended, requires large business firms that have received at least one contract over \$500,000, or \$1,000,000 for construction, to establish a subcontracting program]

Procurement program 1/	2000	2001	2002	2003
Hawaii number of contractors	53	47	52	49
Hawaii total contracts	312,355	261,006	336,273	284,976
Large business	129,414	95,577	149,497	100,474
Small business	182,941	165,429	186,776	184,502
Small disadvantaged business	88,388	80,541	80,080	75,168
Women-owned business	50,302	40,228	21,072	30,245
HBCU/MI 1/	-	22	9	162
HUBZone 2/	-	205	1,654	8,402
Veteran-owned	(NA)	-	8,214	8,137
Service-disabled veteran-owned	(NA)	-	43	264
Hawaii contracts as percent of total	100.0	100.0	100.0	35.3
Large business	41.4	36.6	44.5	35.3
Small business	58.6	63.4	55.5	64.7
Small disadvantaged business	28.3	30.9	23.8	26.4
Women-owned business	16.1	15.4	6.3	10.6
HBCU/MI 1/	0.0	(3/)	(3/)	0.1
HUBZone 2/	0.0	0.1	0.5	2.9
Veteran-owned	(NA)	0.0	2.4	2.9
Service-disabled veteran-owned	(NA)	0.0	(3/)	0.1
United States number of contractors	2,154	2,133	2,013	1,983
United States total contracts	54,799,448	60,387,603	75,395,375	86,383,380
Large business	33,216,883	36,948,157	49,696,856	54,450,581
Small business	21,582,565	23,439,446	25,698,519	31,932,800
Small disadvantaged business	2,954,752	2,947,732	3,471,406	4,068,207
Women-owned business	2,342,403	2,469,738	3,275,806	4,165,248
HBCU/MI 1/	10,709	22,049	16,656	30,209
HUBZone 2/	155,525	324,923	551,277	879,640
Veteran-owned	(NA)	504,360	1,563,769	2,078,571
Service-disabled veteran-owned	(NA)	74,784	194,581	296,602

Continued on next page.

Table 10.17-- MILITARY SUBCONTRACTING PROGRAM: 2000 TO 2003 -- Con.

Procurement program 1/	2000	2001	2002	2003
U.S. contracts as percent of total	100.0	100.0	100.0	100.0
Large business	60.6	61.2	65.9	63.0
Small business	39.4	38.8	34.1	37.0
Small disadvantaged business	5.4	4.9	4.6	4.7
Women-owned business	4.3	4.1	4.3	4.8
HBCU/MI 1/	(3/)	(3/)	(3/)	(3/)
HUBZone 2/	0.3	0.5	0.7	1.0
Veteran-owned	(NA)	0.8	2.1	2.4
Service-disabled veteran-owned	(NA)	0.1	0.3	0.3

NA Not available.

1/ HBCU/MI Historically Black Colleges and Universities/Minority Institutions.

2/ HUBZone Historically underutilized business zone.

3/ Less than 0.1.

Source: U.S. Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, "Companies Participating in the Department of Defense Subcontracting Program" <<http://web1.whs.osd.mil/PEIDHOME/procstat/procstat.htm>> accessed July 8, 2004; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 10.18-- MILITARY INSTALLATIONS BY SITE, COMPONENT, BUILDINGS, ACREAGE, VALUE AND PERSONNEL:
SEPTEMBER 30, 2003**

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		12,086	72,895,852	236,303	176,549	26,615	65,930	46,981	14,522	4,427
Army Active	Honolulu	3,713	26,701,007	143,314	114,819	7,996	22,740	14,845	3,680	4,215
Aliamanu Military Reservation	Waialua	751	4,519,996	603	597	845	125	4	30	91
Dillingham Mli Res	Honolulu	16	10,583	664	628	89	-	-	-	-
Fort De Russy	Honolulu	6	780,021	73	71	260	908	-	5	903
Fort Shafter	Honolulu	307	2,472,229	591	590	768	3,705	2,040	1,202	463
Helemano Military Reservation	Wahiawa	236	1,783,283	290	282	419	542	474	19	49
Kahuku Tng Area	Kahuku	15	21,325	9,409	8,241	27	-	-	-	-
Kilauea Mli Reserve	Hilo	85	157,030	72	55	71	92	-	11	81
Kipapa Ammo Storage Site	Waipahu	80	209,297	401	370	82	-	-	-	-
Makua Mli Reserve	Waianae	2	1,900	4,195	3,413	16	-	-	-	-
Pohakuloa Training Area	Hilo	164	269,266	107,872	84,816	193	153	21	104	28
Pupukea Paalaa Uka Mli Road	Wahiawa	-	-	109	-	12	-	-	-	-
Schofield Bks Mli Reserve	Wahiawa	1,443	11,965,807	16,674	13,607	3,441	11,631	9,529	866	1,236
Signal Cable Trunking System	Wahiawa	44	9,171	201	62	79	-	-	-	-
Tripler AMC	Honolulu	78	1,956,911	367	358	663	2,832	794	1,054	984
USA Field Station Kunia	Kunia	11	272,159	95	34	127	127	13	-	114
Waianae	Waianae	47	46,546	14	13	21	25	-	-	25
Waikakalaua Ammo Stor Tunnels	Milliani	49	104,236	314	313	45	-	-	-	-
Wheeler Army Airfield	Wahiawa	379	2,121,247	1,370	1,369	837	2,600	1,970	389	241
Army Guard	Kapolei	45	634,026	169	169	224	1,383	1,162	28	193
Kalaehoa	Pearl City	31	490,924	150	150	200	1,082	882	10	190
TS Waiawa Gulch	Pearl City	14	143,102	19	19	24	301	280	18	3
Air Force Active	Waimanalo	1,267	8,793,495	3,325	3,025	3,276	7,327	5,961	1,349	17
Bellows AFS	Honolulu	96	129,649	487	410	129	30	27	3	-
Hickam AFB	Wahiawa	1,122	8,572,415	2,523	2,515	2,953	7,227	5,883	1,327	17
Hickam Petroleum Products Storage Anx	Wahiawa	16	9,580	151	98	118	-	-	-	-
Kaena Point Satellite Tracking Station	Waialua	22	59,983	153	2	64	23	4	19	-
Kokee AFS	Kekaha	11	21,868	11	-	11	47	47	-	-
Air National Guarc	Kekaha	-	-	14	14	14	-	-	-	-
Barking Sands Communication Station	Kekaha	-	-	14	14	14	-	-	-	-

Continued on next page

**Table 10.18-- MILITARY INSTALLATIONS BY SITE, COMPONENT, BUILDINGS, ACREAGE, VALUE AND PERSONNEL:
SEPTEMBER 30, 2003 -- Con.**

Site	Name of nearest city	Buildings Owned 1/		Acreage		PRV 2/ (\$mil.)	Total	Personnel		
		Number	Square feet	Total	Owned			Military	Civilian	Other 3/
US Marine Corps Active		1,817	9,504,679	4,478	4,475	3,188	10,738	9,569	1,169	-
MCB Hawaii Kaneohe	Kaneohe	571	4,584,355	3,905	3,904	2,140	10,573	9,569	1,004	-
MCB Hawaii Kaneohe (Housing)	Kaneohe	1,044	3,646,265	123	123	625	-	-	-	-
MCB Hawaii Kaneohe (Manana Capehart)	Pearl City	109	271,137	62	62	50	-	-	-	-
MCB Hawaii Kaneohe (Oahu)	Camp HM Smith	65	708,598	221	219	219	165	-	165	-
MCB Hawaii Kaneohe (Pearl City Annex)	Pearl City	6	235,427	27	27	47	-	-	-	-
MCB Hawaii Kaneohe (Puuloa-Oahu)	Ewa Beach	22	58,897	140	140	108	-	-	-	-
Navy Active		3,276	20,005,485	24,721	24,182	9,047	8,288	1,906	6,382	-
COMNAVREG Pearl Harbor (Barbers Point)	Barbers Point	159	923,557	945	942	289	-	-	-	-
FISC Pearl Harbor	Pearl Harbor	35	1,275,262	220	215	497	287	21	266	-
FISC Pearl Harbor (P C Peninsula Storage)	Pearl City	-	-	27	27	34	-	-	-	-
FISC Pearl Harbor (Red Hill Area)	Honolulu	5	11,649	243	242	650	-	-	-	-
NAVMAAG Pearl Harbor (Luahualei)	Luahualei	319	891,839	7,468	7,468	417	15	-	15	-
NAVMAAG Pearl Harbor (Waikole)	Waipahu	141	459,428	516	515	214	-	-	-	-
NAVMAAG Pearl Harbor (West Loch)	Ewa Beach	136	745,022	2,663	2,649	372	114	114	-	-
NCTAMS Pac Honolulu	Wahiawa	76	425,093	707	685	231	820	695	125	-
NCTAMS PAC Honolulu (Luahualei)	Luahualei	16	97,253	1,718	1,718	71	-	-	-	-
NS Pearl Harbor	Pearl Harbor	324	3,704,723	5,174	5,174	1,334	278	272	6	-
NS Pearl Harbor (Common Use Road)	Pearl Harbor	-	-	19	19	20	-	-	-	-
NS Pearl Harbor (Ford Island)	Ford Island	70	1,497,123	425	425	718	-	-	-	-
NS Pearl Harbor (Moanalua)	Pearl Harbor	2	101,966	12	12	28	-	-	-	-
NS Pearl Harbor (Pearl City)	Pearl City	4	46,856	23	23	29	-	-	-	-
NS Pearl Harbor (SUBASE)	Pearl Harbor	8	167,776	106	106	50	-	-	-	-
NSY AND IMF Pearl Harbor	Pearl Harbor	140	3,454,427	290	290	1,558	5,057	698	4,359	-
PACMISRANFAC Hawaiian Area	Kekaha	216	536,244	2,061	1,928	344	163	93	70	-
PACMISRANFAC Hawaiian Area (Kamokala Ridge)	Kekaha	13	23,582	89	-	12	-	-	-	-
PACMISRANFAC Hawaiian Area (Makaha Ridge)	Kokee	9	13,911	245	-	40	-	-	-	-

Continued on next page

**Table 10.18-- MILITARY INSTALLATIONS BY SITE, COMPONENT, BUILDINGS, ACREAGE, VALUE AND PERSONNEL:
SEPTEMBER 30, 2003 -- Con.**

Site	Name of nearest city	Buildings Owned 1/		Acreage		PRV 2/ (\$mil.)	Personnel			
		Number	Square feet	Total	Owned		Total	Military	Civilian	Other 3/
Navy Active -- Con.										
PWC Pearl Harbor	Pearl Harbor	51	339,612	1,151	1,142	109	1,554	13	1,541	-
PWC Pearl Harbor (Barbers Point)	Barbers Point	187	1,021,678	126	118	300	-	-	-	-
PWC Pearl Harbor (Camp Stover)	Wheeler AFB	62	350,502	35	35	68	-	-	-	-
PWC Pearl Harbor (Doris Miller Park Hsg)	Honolulu	65	393,411	12	12	62	-	-	-	-
PWC Pearl Harbor (Ford Island)	Ford Island	44	96,228	33	33	51	-	-	-	-
PWC Pearl Harbor (Halawa Housing)	Halawa Heights	22	117,216	26	21	27	-	-	-	-
PWC Pearl Harbor (Hickam AFB)	Hickam AF Base	-	-	23	23	918	-	-	-	-
PWC Pearl Harbor (Iroquois Point)	Ewa Beach	775	1,491,693	244	244	263	-	-	-	-
PWC Pearl Harbor (Manana Housing)	Pearl City	49	125,391	37	35	28	-	-	-	-
PWC Pearl Harbor (Pearl City Housing)	Pearl City	250	978,614	13	11	184	-	-	-	-
PWC Pearl Harbor (Puuloa)	Ewa Beach	98	715,429	70	70	133	-	-	-	-
Barbers Point CSO	Barbers Point	116	855,077	1,246	1,121	429	156	63	93	-
Other (119 sites) 2/		1,852	6,402,084	59,041	28,744	2,441	15,298	13,475	1,821	2
Army - 7 sites		15	85,961	23,397	33	38	262	254	6	2
Navy - 93 sites		1,800	6,101,579	3,883	3,859	2,256	14,644	12,829	1,815	-
Air Force - 15 sites		37	214,544	633	34	144	369	369	-	-
US Marine Corps - 4 sites		-	-	31,128	24,818	3	23	23	-	-

1/ The previous *Data Book* included columns for "Buildings Leased" number and square footage. This report inventories a total of 31 buildings leased and 159,922 square feet respectively. Of that total, 27 buildings leased and 128,777 square feet are in 'Other', while Waianae has 1 and 637 and Barking Sands Communication Station the remaining 3 and 30,508, respectively.

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 any non-appropriated employees, government contractors (if identified) or foreign nationals performing work on the base.

4/ United States locations that do not meet criteria of at least 10 acres and at least \$10 million PVF (plant replacement value).

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 2004 Baseline* <http://www.acq.osd.mil/ie/firm_library/BSR_FY_2004_Baseline.pdf> accessed June 21, 2004.

**Table 10.19-- MILITARY INSTALLATIONS BY COMPONENT AND SIZE FOR
HAWAII AND THE UNITED STATES: SEPTEMBER 30, 2003**

Component	Total	Large 1/	Medium 2/	Small 3/
Hawaii	161	4	4	153
Army	26	1	2	23
Navy	105	1	2	102
Air Force	21	1	-	20
Marine Corps	9	1	-	8
United States	3,727	93	99	3,535
Army	1,298	41	31	1,226
Navy	992	14	31	947
Air Force	1,289	31	29	1,229
Marine Corps	147	6	8	133
Washington Headquarters Service	1	1	-	-
Hawaii as percent of the U.S.	4.3	4.3	4.0	4.3
Army	2.0	2.4	6.5	1.9
Navy	10.6	7.1	6.5	10.8
Air Force	1.6	3.2	0.0	1.6
Marine Corps	6.1	16.7	0.0	6.0

1/ A large installation has a total plant replacement value (PRV) greater than or equal to \$1.553 billion.

2/ A medium installation has a total plant replacement value (PRV) less than \$1.553 billion and greater than or equal to \$828 million.

3/ A small installation has a total plant replacement value (PRV) less than \$828 million and greater than 0.

Records with zero or null PRVs are not counted - 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 2004 Baseline* <[http://www.acq.osd.mil/ie/irm/irm_library/BSR FY 2004 Baseline.pdf](http://www.acq.osd.mil/ie/irm/irm_library/BSR_FY_2004_Baseline.pdf)> accessed June 21, 2004.

**Table 10.20-- SELECTED HOUSING UNITS IN MILITARY
CENSUS-DESIGNATED PLACES: 2000**

Geographic area	Housing units (count)
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
<<http://quickfacts.census.gov/hunits/states/15000.html>> accessed August 13, 2002.

**Table 10.21-- HOUSING UNITS OWNED BY THE ARMED FORCES, BY
SERVICE AND GEOGRAPHIC AREA: APRIL 1, 1995 TO 1998**

Geographic area	All services	Air Force	Army	Coast Guard	Marine Corps	Navy
1995						
State total	21,060	3,189	8,389	326	2,095	7,061
Oahu	20,971	3,189	8,386	309	2,095	6,992
Other islands	89	-	3	17	-	69
1996						
State total	20,824	2,675	8,641	316	2,095	7,097
Oahu	20,735	2,675	8,638	299	2,095	7,028
Other islands	89	-	3	17	-	69
1997						
State total	20,481	2,659	8,641	316	2,095	6,770
Oahu	20,392	2,659	8,638	299	2,095	6,701
Other islands	89	-	3	17	-	69
1998						
State total	20,616	2,659	8,847	342	2,041	6,727
Oahu	20,527	2,659	8,844	325	2,041	6,658
Other islands	89	-	3	17	-	69

Source: Hawaii State Department of Business, Economic Development & Tourism, *Statistical Report 230, Housing Unit Estimates for Hawaii, 1980-1995* (September 1996) and survey of local housing agencies.

**Table 10.22-- MILITARY HOUSING PRIVITIZATION INITIATIVE PROJECTS:
OCTOBER 10, 2003**

[Numbers of units are approximate. 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]

Component, location and condition	Number of dwelling units
Total dwelling units participating	16,396
Army - Residential Communities Initiative - Total 1/	7,704
Oahu South - Honolulu	3,111
Aliamanu Military Reservation	2,018
Tripler Army Medical Center	216
Fort Shafter	559
Addendum: U.S. Coast Guard Kia'i Kai Hale 2/	318
Oahu North - Pearl Harbor	4,911
Wheeler Army Airfield - approximate	657
Schofield Barracks	3,366
Helemano Military Reservation	888
Air Force - Total 3/	1,356
Capehart - renovated 1997-2001	354
Capehart - to be demolished and rebuilt	16
Capehart - major renovation required	178
Earhart - major renovation required	622
Earhart - minor renovation required	186
Navy/Marine - Public-private partnership - Total	7,336
Navy/Marine - Phase 1 4/	1,948
Halsey Terrace	475
Hokulani	190
McGrew Point	130
Radford Terrace	401
Moanalua Terrace	752
Navy/Marine - Future Phase 2	1,002
Catlin Park	370
Halawa	80
Hale Moku	318
Doris Miller Park	214
Maloelap	20

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**Table 10.22-- MILITARY HOUSING PRIVITIZATION INITIATIVE
PROJECTS -- Con.**

Component, location and condition	Number of dwelling units
Navy/Marine - Future Phase 3	2,050
Camp Stover	200
Manana, Navy	79
Pearl City	850
Marine Barracks	11
Ford Island	600
Hale Ali'i	14
Makalapa	107
L'il Makalapa	30
Hospital Point	19
NCTAMS	140
Navy/Marine - Future Phase 4	2,336
Kaneohe Bay - approximate number	2,336

1/ On August the U.S. Army announced selection of Actus Lend Lease LLC. A January 2002 estimate indicated the FY2002 project at Ft. Shafter/Schofield will encompass 8,178 homes
<<http://www.rci.army.mil/RFQ/programsummary.ppt>> accessed October 10, 2003.

2/ There is an option for 318 units of U.S.Coast Guard housing to be included in the Army's RCI project.

3/ As of September, 2003 the U.S. Air Force will privatize 1,356 housing units and retain 1,284 housing units. On October 3, 2003 the U.S. Air Force announced selection of Napa, California-based Actus Lend Lease LLC as development partner. Initial Hickam development work estimated at \$300 million is expected to start in April and be complete by February 2009.

4/ On September 26, 2003, the U.S. Navy Region Hawaii announced selection of development team Hawaii Military Communities LLC (HMC) - a partnership of Ohio-based Forest City Enterprises Inc., Texas-based C.F. Jordan LP and 19 Hawaii companies. HMC has entered into negotiations with the Navy for Phase 1. The cost is estimated at \$358 million for construction, renovation and demolition and for amenities such as community centers, landscaping and street improvements. The plan includes 10 management homes for a total of 1,958 where 918 will be replaced and 1,040 will be renovated.

Source: Building Industry Association of Hawaii "Military Housing Privatization Initiative in Hawaii" Forum Presentation, June 18, 2003 <<http://biahawaii.inets.com/docs/webdocs/RTC/BIA0306171.pdf>> accessed July 17, 2003; Hawaii Military Communities News Release, September 26, 2003 <<http://www.hawaiimilitarycommunities.com/press/press1.pdf>> accessed October 7, 2003; Honolulu Advertiser "Actus wins \$1.1B Air Force contract" (October 4, 2003) <<http://the.honoluluadvertiser.com/article/2003/Oct/04/bz/bz02a.html>> accessed October 4, 2003; U.S. Air Force, "Hickam AFB - Housing Privatization Fact Sheet September 2003" <[http://www2.hickam.af.mil/housing/PrivMH/Updated%20Fact%20Sheet%20\(Jun%2003\)%20sans%2036%20units.doc](http://www2.hickam.af.mil/housing/PrivMH/Updated%20Fact%20Sheet%20(Jun%2003)%20sans%2036%20units.doc)> accessed October 8, 2003; and U.S. Navy Region Hawaii News Release "PPV contractor announced" <http://www.hnn.navy.mil/ppv_031003.htm> accessed October 10, 2003.

**Table 10.23-- VETERAN STATUS OF CIVILIANS 16 YEARS AND OVER:
1980, 1990 AND 2000 TO 2002**

Veteran status	1980	1990	2000 1/	2001	2002
Civilians 16 and over	665,036	801,517	878,220	(NA)	(NA)
Veterans	103,774	119,256	120,587	102,000	116,000
Male veterans	98,633	112,011	111,431	96,000	107,000
Female veterans	5,141	7,245	9,156	6,000	9,000
War veterans 2/	85,322	87,301	(NA)	73,000	96,000
Persian Gulf War	(X)	(X)	(NA)	9,000	18,000
Vietnam era	38,136	41,860	39,217	34,000	42,000
Korean conflict	22,351	22,362	18,000	12,000	17,000
World War II	32,156	3/ 30,187	22,561	18,000	19,000
World War I	854	132	(Z)	(Z)	(Z)
Peacetime only	18,452	31,955	(NA)	29,000	29,000
Nonveterans	561,262	682,261	757,633	(NA)	(NA)

X Not applicable.

Z Less than 500.

1/ Civilian population 18 years and over.

2/ Detail adds to more than subtotal because some veterans served in more than one war.

3/ Revised from previous *Data Book*.

Source: 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; *Statistical Abstract of the United States* (annual) and for 2001 <<http://www.census.gov/prod/2003pubs/02statab/defense.pdf>> accessed June 27, 2003; and for 2002 <<http://www.census.gov/prod/2004pubs/03statab/defense.pdf>> accessed February 3, 2004; U.S. Department of Veterans Affairs "Census 2000: Period of Military Service for Civilian Veterans 18 Years and Over" <<http://www.va.gov/vetdata/Census2000/CenData/pos.pdf>> and "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 10.24 -- 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 10.25- SELECTED VETERANS' BENEFITS AND COMPENSATION
EXPENDITURES FOR HAWAII AND THE UNITED STATES: 2002**

[In number and thousands of dollars]

Category	Hawaii	United States
Total of Selected Expenditures (\$1,000)	245,457	53,968,143
Total Readjustment Benefits 1/	13,608	1,964,928
Education Assistance		
Post-Vietnam Conflict (Chapter 32) (\$1,000)	11	2,384
Montgomery GI Bill		
Active Duty Chapter 30 Trained during fiscal year	1,788	272,865
Amount (\$1,000)	7,552	1,045,175
Selected Reserve Chapter 1606 Trained during fiscal year	869	80,152
Amount (\$1,000)	929	128,587
Dependents Educational Assistance (Title 38, U.S.C., Ch. 35)		
Trained during fiscal year - Sons & daughters	243	44,779
Trained during fiscal year - Widow(er)s & spouses	47	7,021
Amount (\$1,000)	1,257	222,471
Vocational Rehabilitation (Title 38, U.S.C., Ch 31)		
Trained during fiscal year	362	53,180
Amount (\$1,000)	1,498	472,072
Automobiles & other conveyances for disabled veterans (\$1,000)	28	29,823
Specially adapted housing for disabled veterans (\$1,000)	134	15,448
Insurance & indemnities (\$1,000)	16,033	1,896,269
Hospital domiciliary & other construction (\$1,000)	68	437,027
Medical services & admin costs (\$1,000)	91,615	24,763,358
Compensation and Pension		
Living and Deceased Veterans		
Number	15,025	3,201,892
Amount (\$1,000)	124,133	24,906,560
Burial benefits	308	67,200
Service-connected Number	13,958	2,656,929
Amount (\$1,000)	116,980	21,817,867
Nonservice-connected Number	1,067	544,963
Amount (\$1,000)	6,845	2,988,768
Living veterans		
Number	13,292	2,689,784
Amount (\$1,000)	105,337	20,523,256
Service-connected Number	12,540	2,359,812
Amount (\$1,000)	99,706	18,183,032
Nonservice-connected Number	752	329,972
Amount (\$1,000)	5,631	2,340,224
Deceased veterans		
Number	1,733	512,108
Amount (\$1,000)	18,488	4,283,379
Service-connected Number	1,418	297,117
Amount (\$1,000)	17,274	3,634,835
Nonservice-connected Number	315	214,991
Amount (\$1,000)	1,214	648,544

1/ State totals include expenditures not shown in program categories.

Source: U.S. Department of Veterans' Affairs, *FY 2002 Annual Accountability Report Statistical Appendix*, Table 22
"Estimated Selected Expenditures by State, FY 2002" <<http://www.va.gov/vetdata/ProgramStatics/>> accessed July 22, 2003.

**Table 10.26--DISTRIBUTION OF VETERANS AFFAIRS POPULATION AND EXPENDITURES,
BY COUNTY AND CONGRESSIONAL DISTRICT: 2003**

[In number of persons and thousands of dollars. Fiscal year ending September 30. Congressional districts are for the 108th Congress and the district designation, whether 1st or 2nd, is indicated within parentheses.]

Subject	State		City & County of Honolulu			Kauai (02)	Maui (02)	Total (01)	Total (02)
	Total	(02)	Total	Honolulu					
				(01)	(02)	(02)			
Veteran population 1/	114,778	15,463	83,008	58,356	24,652	-	10,823	58,356	56,422
Total expenditures	281,195	39,608	207,849	150,918	56,931	10	22,178	150,918	130,277
Compensation and pension	139,843	21,770	101,537	70,355	31,182	-	11,025	70,355	69,487
Education and vocational rehab	15,939	947	14,513	10,056	4,457	-	375	10,056	5,883
Insurance and indemnities	16,026	1,977	11,933	8,269	3,665	5	1,398	8,269	7,757
Construction and related costs	751	-	751	751	-	-	-	751	-
General operating expenses	8,127	-	8,127	8,127	-	-	-	8,127	-
VA medical care	17,964	2,739	12,789	9,632	3,157	2	1,482	9,632	8,332
Total unique patients 2/	100,509	14,915	70,987	53,360	17,628	5	9,380	53,360	47,149
Medical expenditures 3/									

1/ Veteran population estimated as of September 30, 2003. Source obtained data from Office of the Actuary, Department of Veterans Affairs.

2/ The count of unique patients includes non-veterans who received medical care at the Veterans' Administration.

3/ Medical expenditures represent cost assigned to each patient based on services provided and overhead distribution.

Source: U.S. Department of Veteran Affairs, Veteran Data & Information, Expenditure and Workload Data,

<<http://www.va.gov/vetdata/GeographicInformation/GDX-F-000-JAN-VP03-FY2003-re.xls>> accessed June 7, 2004 and calculations by Hawaii State

Department of Business, Economic Development & Tourism.

Table 10.27-- MILITARY PERSONNEL, AND MILITARY PERSONNEL OVER 65 YEARS OLD, RECEIVING AND NOT RECEIVING RETIRED PAY FROM THE DEPARTMENT OF DEFENSE: SEPTEMBER 30, 2003

Service	Number of personnel		Monthly payment 2/ (\$1,000)	Average payment per person paid (dollars)
	Retired 1/	Paid by DOD		
Department of Defense	14,682	13,268	22,925	1,728
By rank				
Officers	4,146	4,066	11,097	2,729
Nondisabled and reserve	3,971	3,915	10,739	2,743
Disabled	175	151	358	2,369
Enlisted	10,536	9,202	11,829	1,285
Nondisabled and reserve	9,606	8,810	11,543	1,310
Disabled	930	392	285	728
By branch of service 3/	14,682	13,268	22,925	1,728
Army	5,502	4,854	7,774	1,602
Navy	4,172	3,825	6,944	1,815
Marine Corps	990	875	1,780	2,034
Air Force	4,018	3,714	6,427	1,731
Coast Guard 3/	275	267	439	1,643
Department of Defense, Over 65	6,646	5,788	10,372	1,792
By rank				
Officers	2,241	2,184	5,846	2,677
Nondisabled and reserve	2,148	2,098	5,591	2,665
Disabled	93	86	255	2,968
Enlisted	4,405	3,604	4,526	1,256
Nondisabled and reserve	4,134	3,488	4,402	1,262
Disabled	271	116	124	1,073
By branch of service 3/	6,646	5,788	10,372	1,792
Army	3,020	2,633	4,129	1,568
Navy	1,421	1,206	2,526	2,095
Marine Corps	359	320	748	2,338
Air Force	1,846	1,629	2,968	1,822
Coast Guard 3/	113	108	194	1,796

1/ Includes retired personnel not receiving retired pay from the Department of Defense.

2/ Before deductions for withholding taxes and allotments, but after deductions for survivor benefits, dual compensation, etc.

3/ Payments made by the U.S. Department of Transportation, shown for informational purposes only, and not included in the Department of Defense totals.

Source: U.S. Department of Defense, Office of the Actuary, *FY 2003 DOD Statistical Report on the Military Retirement System* (forthcoming, June 2004) email May 6, 2004 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: 2003* presents comparable national data.

**Table 11.01-- TEMPORARY ASSISTANCE TO NEEDY FAMILIES,
AVERAGE MONTHLY, BY ISLANDS: 1998 TO 2003**

[Year ended 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
1998								
Cases	17,253	11,606	3,464	825	1,357	19	1,170	169
Recipients	48,300	32,524	9,817	2,251	3,708	48	3,181	480
Expenditures 1/	9,119	6,168	1,839	419	692	10	593	89
1999								
Cases	16,547	11,125	3,306	789	1,327	20	1,150	157
Recipients	45,540	30,630	9,164	2,125	3,621	49	3,109	463
Expenditures 1/	8,504	5,743	1,709	383	669	10	576	83
2000								
Cases	15,071	10,170	3,023	714	1,164	19	1,008	137
Recipients	42,272	28,729	8,437	1,946	3,160	43	2,728	389
Expenditures 1/	7,701	5,253	1,542	339	567	9	489	69
2001								
Cases	13,583	9,122	2,829	630	1,002	17	849	136
Recipients	37,741	25,565	7,815	1,683	2,678	40	2,262	376
Expenditures 1/	6,848	4,640	1,423	297	488	8	413	67
2002								
Cases	11,867	7,949	2,467	575	876	13	735	128
Recipients	32,407	21,917	6,700	1,514	2,276	29	1,896	351
Expenditures 1/	6,076	4,096	1,266	280	434	6	363	65
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

NA Not available.

1/ Thousands of dollars.

Source: Hawaii State Department of Human Services, Research, *A Statistical Report on Welfare In Hawaii* (annual).

**Table 11.02-- TEMPORARY ASSISTANCE TO OTHER NEEDY FAMILIES,
AVERAGE MONTHLY, BY ISLANDS: 1998 TO 2003**

[Year ended 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
1998								
Cases	6,277	3,879	1,488	349	561	8	406	148
Recipients	27,026	16,531	6,437	1,531	2,528	30	1,780	717
Expenditures 1/	3,674	2,254	888	201	331	4	238	90
1999								
Cases	7,111	4,486	1,606	394	625	8	456	161
Recipients	30,543	19,032	6,977	1,721	2,813	34	2,013	766
Expenditures 1/	3,953	2,472	921	215	346	3	254	88
2000								
Cases	6,710	4,403	1,439	336	532	5	380	147
Recipients	28,612	18,522	6,225	1,473	2,392	22	1,664	706
Expenditures 1/	3,576	2,328	801	169	278	3	196	79
2001								
Cases	5,881	3,998	1,191	278	414	4	276	134
Recipients	24,963	16,749	5,095	1,239	1,880	15	1,235	630
Expenditures 1/	3,046	2,065	625	143	213	3	140	70
2002								
Cases	5,073	3,526	973	243	331	3	217	111
Recipients	21,011	14,433	4,082	1,064	1,432	11	926	495
Expenditures 1/	2,600	1,784	511	134	171	2	113	56
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

NA Not available.

1/ Thousands of dollars.

Source: Hawaii State Department of Human Services, Research, *A Statistical Report on Welfare In Hawaii* (annual).

Table 11.03-- AVERAGE MONTHLY CASES SERVED BY THE FOOD STAMP PROGRAM, BY ISLANDS: ANNUALLY, 1980 TO 2003

[Years ended 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	50,548	33,392	10,648	2,591	3,917	(NA)	3,256	661

NA Not available.

Source: Hawaii State Department of Human Services, Research, *A Statistical Report on Welfare In Hawaii* (annual).

**Table 11.04-- AVERAGE MONTHLY NUMBER OF INDIVIDUALS SERVED
BY THE FOOD STAMP PROGRAM, BY ISLANDS: ANNUALLY, 1980 TO 2003**

[Years ended 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	104,433	69,101	21,634	5,392	8,306	(NA)	6,583	1,723

NA Not available.

Source: Hawaii State Department of Human Services, Research, *A Statistical Report on Welfare in Hawaii* (annual).

Table 11.05-- ANNUAL BENEFITS OF THE FOOD STAMP PROGRAM, BY ISLANDS: 1986 TO 2003

[In dollars. Years ended 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	154,216,782	101,273,319	32,790,493	8,020,735	12,132,235	(NA)	9,711,591	2,420,644

NA Not available.

Source: Hawaii State Department of Human Services, Research, *A Statistical Report on Welfare in Hawaii* (annual).

**Table 11.06-- RETIREMENT, SURVIVORS AND DISABILITY INSURANCE
(OASDI) BENEFICIARIES IN CURRENT-PAYMENT STATUS, BY AGE,
RACE, AND SEX: 2000 TO 2002**

[December data. Based on 10-percent samples]

Age, race, and sex	2000	2001	2002
Total 1/	184,140	188,920	193,220
Age:			
17 years or under	10,970	11,050	11,200
18 to 64 years	30,370	32,210	33,290
65 to 69 years	37,060	37,180	37,310
70 to 74 years	37,200	37,420	36,860
75 years or older	68,540	71,060	74,560
Race:			
White	48,330	50,340	52,030
Black	2,200	2,200	2,130
Other	132,560	135,420	138,120
Adult beneficiaries:			
Men	76,020	78,060	79,880
Women	94,710	97,260	99,560

1/ Includes persons of unknown race.

Source: U.S. Department of Health and Human Services, Social Security Administration, *Social Security Bulletin, Annual Statistical Supplement* (annual) tables 5.J5 and 5.J5.1; Office of Research, Evaluation & Statistics <<http://www.ssa.gov/policy/docs/statcomps/supplement/2003/5j.html>> accessed June 30, 2004.

Table 11.07-- RETIREMENT, SURVIVORS AND DISABILITY INSURANCE (OASDI) BENEFICIARIES AND BENEFITS IN CURRENT-PAYMENT STATUS, BY TYPE OF BENEFIT: 2001 AND 2002

[December data. Based on 10-percent samples]

Type of benefit	Number of OASDI beneficiaries		Amount of monthly benefits (\$1,000)	
	2001	2002	2001	2002
Total 1/	188,920	193,220	151,425	158,309
Retirement program:				
Retired workers	134,410	137,430	116,178	121,403
Spouses	9,710	9,520	4,050	4,051
Children	2,420	2,640	990	1,096
Survivor program:				
Widows, widowers, and parents	16,140	16,310	12,827	13,259
Children	6,860	6,740	3,947	3,989
Disability program:				
Disabled workers	14,630	15,680	12,262	13,282
Spouses	430	500	96	115
Children	4,320	4,400	1,075	1,114
Age 65 and over				
Men	63,290	64,510	59,749	62,024
Women	82,370	84,220	61,927	64,745

1/ Includes special age-72 beneficiaries.

Source: U.S. Department of Health and Human Services, Social Security Administration, *Social Security Bulletin, Annual Statistical Supplement* (annual) tables 5.J2, 5.J3 and 5.J4; Office of Research, Evaluation & Statistics <<http://www.ssa.gov/policy/docs/statcomps/supplement/2003/5j.html>> accessed June 30, 2004.

**Table 11.08-- RETIREMENT, SURVIVORS AND DISABILITY INSURANCE
(OASDI) BENEFICIARIES IN CURRENT-PAYMENT STATUS,
BY COUNTIES: DECEMBER 2002**

County 1/	Total	Benefits			Aged 65 and older	
		Retirement 2/	Survivors 3/	Disability	Men	Women
State total 4/	191,551	148,596	22,349	20,606	63,958	82,416
Hawaii	27,050	19,450	3,495	4,105	8,755	10,315
Honolulu	135,465	107,175	15,295	12,995	45,695	60,255
Kauai	10,175	7,875	1,265	1,035	3,435	4,245
Maui	18,855	14,090	2,295	2,470	6,070	7,600

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 special age-72 beneficiaries.

3/ Includes nondisabled widow(er)s, disabled widow(er)s, widowed mothers and fathers, parents and children.

4/ Total includes beneficiaries with unknown county code.

Source: U.S. Department of Health and Human Services, Social Security Administration, *Master Beneficiary Record, 100 percent data*, table 4

<http://www.ssa.gov/policy/docs/statcomps/oasdi_sc/2002/hi.html> accessed April 8, 2004.

**Table 11.09-- RETIREMENT, SURVIVORS AND DISABILITY INSURANCE
(OASDI) BENEFITS IN CURRENT-PAYMENT STATUS, BY COUNTIES:
DECEMBER 2002**

[In thousand dollars]

County 1/	Total	Benefits			Aged 65 and older	
		Retirement 2/	Survivors 3/	Disability	Men	Women
State total 4/	157,001	125,353	16,891	14,756	61,604	63,372
Hawaii	21,848	16,358	2,614	2,876	8,471	7,836
Honolulu	111,400	90,500	11,567	9,334	43,984	46,413
Kauai	8,228	6,514	964	751	3,245	3,204
Maui	15,521	11,980	1,746	1,796	5,901	5,918

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 special age-72 beneficiaries.

3/ Includes nondisabled widow(er)s, disabled widow(er)s, widowed mothers and fathers, parents and children.

4/ Total includes beneficiaries with unknown county code.

Source: U.S. Department of Health and Human Services, Social Security Administration, *Master Beneficiary Record, 100 percent data*, table 5

<http://www.ssa.gov/policy/docs/statcomps/oasdi_sc/2002/hi.html> accessed April 8, 2004.

**Table 11.10-- NUMBER AND PERCENT RECEIVING RETIREMENT,
SURVIVORS AND DISABILITY INSURANCE (OASDI) BENEFITS:
DECEMBER 2002**

Comparison	Total population		Aged 65 or older	
	Number (1,000) 1/	Percentage receiving benefits	Number (1,000) 1/	Percentage receiving benefits
United States	288,369	15.7	35,602	91.0
Hawaii	1,245	15.4	167	87.7

1/ Population estimates for the United States as of July 1, 2002, as reported by the U.S. Census Bureau.
Source: Social Security Administration, *Master Beneficiary Record, 100 percent data* ;
U.S. Census Bureau, Population Division, 2002 estimates of resident population
<http://www.ssa.gov/policy/docs/statcomps/oasdi_sc/2002/table1.html> accessed July 30, 2004.

**Table 11.11-- SOCIAL SECURITY BENEFICIARIES AND BENEFITS PAID:
1991 TO 2002**

Year	Number of beneficiaries, December	Monthly benefits, December (\$1,000)	Annual benefits paid (million dollars)
1991	151,390	85,182	971
1992	154,950	90,840	1,041
1993	158,370	95,812	1,106
1994	161,840	101,506	1,169
1995	168,020	107,600	1,243
1996	169,300	113,990	1,317
1997	172,050	119,266	1,385
1998	174,850	124,320	1,453
1999	179,150	131,387	1,517
2000	184,140	142,159	1,628
2001	188,920	151,425	1,752
2002	193,220	158,309	1,855

Source: U.S. Department of Health and Human Services, Social Security Administration, *Social Security Bulletin, Annual Statistical Supplement* (annual) tables 5.J1, 5.J2 and 5.J4, and data in earlier printed reports; Office of Research, Evaluation & Statistics <<http://www.ssa.gov/policy/docs/statcomps/supplement/2003/5j.html>> accessed June 30, 2004.

Table 11.12-- MEDICARE BENEFICIARIES ENROLLED AND BENEFIT PAYMENTS: 2000 TO 2002

Coverage	All persons, July 1			Persons 65 and over, July 1			Estimated benefit payments 1/ (\$1,000)		
	2000	2001	2002	2000	2001	2002	2000	2001	2002
	Hospital and/or medical insurance	165,265	168,296	171,259	150,722	152,797	154,735	621,681	717,998	(NA)
Hospital insurance	164,213	167,207	170,392	149,675	151,711	153,869	(NA)	(NA)	(NA)
Supplementary medical insurance	153,832	156,691	159,578	140,889	142,930	144,967	(NA)	(NA)	(NA)
Hospital and medical insurance (both)	152,780	155,602	158,711	139,842	141,844	144,101	(NA)	(NA)	(NA)

NA Not available.

1/ Fiscal year.

Source: U.S. Department of Health and Human Services, Centers for Medicare and Medicaid Services

<www.cms.hhs.gov/statistics/enrollment/sage/sagehi02.asp>, and

<www.cms.gov/statistics/enrollment/county2002/sthi02.asp> accessed June 23, 2004.

**Table 11.13-- DISABILITY STATUS OF CIVILIAN NONINSTITUTIONALIZED
POPULATION, FOR THE STATE AND OAHU: 2000**

Disability	State	Oahu
Population 5 years and over	1,087,490	775,099
With a disability	199,819	138,995
Percent with a disability	18.4	17.9
Population 5 to 15 years	184,176	128,823
With a disability	8,719	6,131
Percent with a disability	4.7	4.8
Sensory	1,255	89
Physical	1,453	1,076
Mental	7,238	5,143
Self-care	1,146	807
Population 16 to 64 years	745,317	530,330
With a disability	126,956	86,004
Percent with a disability	17.0	16.2
Sensory	14,897	10,245
Physical	37,297	24,887
Mental	23,062	15,775
Self-care	9,953	7,023
Go, outside, home	45,939	32,258
Employment	84,839	56,588
Population 65 years and over	157,997	115,946
With a disability	64,144	46,860
Percent with a disability	40.6	40.4
Sensory	21,830	16,001
Physical	39,149	28,409
Mental	19,361	14,495
Self-care	13,640	10,393
Go, outside, home	34,737	25,635

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 11.14-- PERSONS SERVED BY STATE HOMELESS PROGRAMS:
2000 AND 2001**

[Years ended June 30]

Year and program	State	City and County of Honolulu	Hawaii County	Kauai County	Maui County
2000					
Persons	12,126	6,837	2,178	792	2,319
Outreach program	6,267	2,905	1,364	792	1,206
Stipend program	5,859	3,932	814	-	1,113
2001					
Persons	13,087	7,149	2,455	873	2,610
Outreach program	7,210	3,320	1,507	855	1,528
Stipend program	5,877	3,829	948	18	1,082

Source: Hawaii State Department of Business, Economic Development & Tourism, Housing and Community Development Corporation of Hawaii, Homeless Programs Section, records.

Table 11.15-- CHARACTERISTICS OF NEW CLIENTS ENTERING THE STATE HOMELESS OUTREACH PROGRAMS: 2000 AND 2001

[Year ended June 30. Figures shown are unduplicated counts.]

Subject	Persons		Subject	Persons	
	2000	2001		2000	2001
Number of clients	1,875	2,545	Hawaii residency	1,875	2,545
City & County of Honolulu	629	1,177	Traveller/transient	101	92
Hawaii	565	547	Less than 3 months		
Kauai	374	342	(intention to stay)	266	318
Maui	307	479	3 months to 2 years	289	294
Age	1,875	2,545	Long time resident	1,194	1,420
Less than 1 year	28	40	Unknown	25	421
1 to 5 years	110	181	Causes of homelessness 1/	2,935	3,454
6 to 12 years	124	148	Eviction	166	279
13 to 18 years	99	119	Unable to find affordable		
19 to 44 years	1,082	1,257	housing	440	525
45 to 60 years	388	419	Abused by parent/spouse	78	38
Over 60 years	30	31	Other family conflicts	250	284
Unknown	14	350	Loss of employment	178	236
Ethnicity	1,875	2,545	Little or no income	689	801
Caucasian	945	688	Release from institution	46	19
Black	55	65	Transient	88	243
Hispanic	70	112	Alcoholism	125	108
Hawaiian/Part Hawaiian	428	650	Drug abuse	85	99
Filipino	46	75	Chronic mental illness	96	101
Native American/Alaskan	46	62	Emotional/mood disorder	89	95
Mixed (except Hawaiian)	190	194	Illness/physical disability	122	109
Other	95	699	Other	483	517
Length of homelessness	(NA)	2,545	Housing status 1/	2,438	5,156
Less than 1 month	(NA)	763	Sheltered	238	129
1 month to 1 year	(NA)	956	Transitional	74	17
More than 1 year	(NA)	315	Doubling up	46	21
Risk with 45-day eviction	(NA)	33	Street/park/vehicle/tent	1,895	1,891
Unknown	(NA)	478	Other	146	88
			Unknown	39	10

NA Not available.

1/ Multiple responses were allowed.

Source: Hawaii State Department of Business Economic Development & Tourism, Housing and Community Development Corporation of Hawaii, Homeless Programs Section, records.

Table 11.16-- CHARACTERISTICS OF PERSONS PARTICIPATING IN THE STATE HOMELESS STIPEND PROGRAMS: 2000 AND 2001

[Years ended June 30]

Subject	Persons		Subject	Persons	
	2000	2001		2000	2001
Number of participants	5,859	5,877	Gender	5,859	5,877
City & County of Honolulu	3,932	3,829	Male	3,393	3,277
Hawaii	814	948	Female	2,461	2,594
Kauai	-	18	Unknown	5	6
Maui	1,113	1,082	Hawaii residency 1/	4,071	3,876
Age of child	1,788	2,001	Less than 6 months	796	676
Less than 1 year	226	260	6 to 11 months	205	188
1 to 5 years	705	773	1 to 5 years	498	436
6 to 12 years	617	729	6 to 10 years	290	268
13 to 17 years	234	226	10 years and over	784	760
Unknown	6	13	Lifetime	1,487	1,543
Age of adult	4,071	3,876	Unknown	11	5
Under 18 years	8	13	Employment 1/	4,071	3,876
18 to 29 years	1,096	1,067	Unemployed	3,312	3,071
30 to 39 years	1,273	1,219	Part-time	418	370
40 to 49 years	1,093	1,015	Full-time	336	431
50 to 59 years	419	411	Unknown	5	4
60 years and over	174	147	Family status 1/	4,071	3,876
Unknown	8	4	Single, no children	2,842	2,571
Ethnicity	5,859	5,877	Couple, no children	25	26
Caucasian/white	1,736	1,721	Single, with children	509	518
Hawaiian/part Hawaiian	1,881	1,962	Couple, with children	240	289
Black	346	312	Intergenerational/extended	22	21
Hispanic	322	264	Other	1	3
Filipino	326	309	Unknown	432	448
Samoan	219	205	Length of homelessness 1/	4,071	3,876
Other pacific islander	282	380	0 days/at risk	1,331	1,397
Mixed/cosmopolitan	265	278	Less than 1 month	1,145	969
Other	482	446	1 to 3 months	480	462
Mixed/cosmopolitan	265	278	4 to 6 months	171	156
Other	482	446	7 to 12 months	123	133
			1 to 2 years	167	118
			More than 2 years	200	170
			Other	3	4
			Unknown	451	467

Continued on next page.

Table 11.16-- CHARACTERISTICS OF PERSONS PARTICIPATING IN THE STATE HOMELESS STIPEND PROGRAM: 2000 AND 2001 -- Con.

Subject	Persons		Subject	Persons	
	2000	2001		2000	2001
Marital status 1/	4,071	3,876	Causes of homelenesses 2/	7,684	7,131
Single	2,161	1,995	Income/financial	2,827	2,565
Married	524	572	Problems paying rent	2,041	1,863
Separated/divorced	1,063	936	Loss of employment	786	702
Widowed	94	78	Housing	963	885
Living together	222	286	Evicted	593	505
Other	1	4	Too crowded	370	380
Unknown	6	5	Health	1,990	1,758
Education 1/	4,071	3,876	Physical disablility	629	473
1st - 6th grade	69	52	Substance abuse	682	705
7th - 8th grade	83	95	Mental health problem	639	541
9th - 11th grade	692	683	Release from mental		
High school graduate	1,765	1,663	institution	40	39
General education diploma	242	232	Family	1,086	1,092
Some college	980	910	Domestic violence	301	401
College graduate	141	133	Other family conflict	785	691
Some post graduate			Other	818	831
school	13	20	Release from prison	189	206
Post graduate degree	25	30	Release from hospital	108	101
Unknown	61	58	Transient	111	125
Number of families with			Crime victim	59	76
children under 18,	782	858	Military discharge	70	79
families with			Prefer homeless lifestyle	48	37
1 child	320	324	Natural disaster	12	6
2 children	211	261	Other	192	164
3 children	148	150	Unknown	29	37
4 children	66	86	Unknown	29	37
5 or more children	37	37			

1/ Adults only.

2/ Multiple responses were allowed.

Source: Hawaii State Department of Business, Economic Development & Tourism, Housing and Community Development Corporation of Hawaii, Homeless Programs Section, records.

**Table 11.17-- HOMELESS PERSONS, BY SURVEY CATEGORY:
1999 ESTIMATES**

Survey category	State	City & County of Honolulu	County of Maui	County of Hawaii	County of Kauai
Resident population	1,193,001	872,478	120,785	143,135	56,603
Sheltered and unsheltered homeless	3,171	1,803	556	659	153
Sheltered 1/	1,219	869	225	100	25
Unsheltered 2/	1,952	934	331	559	128
Hidden homeless 3/	76,635	52,349	10,871	10,019	3,396
At risk 4/	206,924	148,321	22,949	24,333	11,321
Other households	906,271	670,005	86,409	108,124	41,733

1/ Sheltered homeless: Families or individuals who lack a fixed, regular and adequate nighttime residence and have a primary nighttime residence that is a supervised publicly or privately operated shelter designed to provide temporary living accommodations (e.g., emergency or transitional shelter or church) or that is an institution that provides temporary residence for individuals intended to be institutionalized.

2/ Unsheltered homeless: Families or individuals who have a primary nighttime residence that is a public or private place not designed for, or ordinarily used as, a regular sleeping accommodation for human beings, including beaches, parks, automobiles and streets.

3/ Hidden homeless: This population is defined as: (1) persons who share accommodations with other groups in the same household, either doubling up (two or more families or groups of persons who are related by birth, marriage or adoption) or sharing (two or more families or groups of persons who are not related by birth, marriage or adoption); or (2) persons who depend upon public assistance for their shelter payments each month. In both situations, if the public assistance and/or generosity of relative and friends are withdrawn, there is a strong likelihood that at least some of the persons in this category would end up homeless.

4/ At risk or precariously housed: Families or individuals who could become homeless in less than three months if they lost their primary source of income.

Source: Market Trends Pacific, Inc., *1999 Homeless Needs Assessment Study, Summary of Findings* (November 1999), pp. 3, 4, 6.

**Table 11.18-- HAWAII STATE EMPLOYEES' RETIREMENT SYSTEM:
1992 TO 2003**

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

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 2003

[Covering private industry, Federal, State and County governments and nonprofit organizations]

Calendar year	Covered employment	Insured unemployment		Average weekly total wages (dollars)	Benefit payments (\$1,000)	Average weekly benefits (dollars)	Average benefit duration (weeks)
		Weekly average	Percent coverage 1/				
1987	470,179	7,329	37	364.79	49,900	149.50	13.4
1988	485,707	6,708	42	392.73	50,659	162.51	13.5
1989	508,673	5,238	40	415.75	40,833	170.03	12.0
1990	533,229	5,722	38	444.92	50,269	189.40	11.4
1991	541,415	8,106	51	463.43	83,530	205.70	13.0
1992	544,718	11,933	45	492.94	144,741	235.48	14.8
1993	542,333	13,227	53	503.02	165,877	246.31	17.6
1994	540,015	15,228	43	514.13	193,878	258.72	17.4
1995	535,640	15,819	2/ 47	518.88	208,316	262.21	16.0
1996	533,123	15,351	41	526.04	200,050	261.07	17.8
1997	534,210	13,819	36	545.20	176,659	259.30	17.1
1998	533,147	12,978	2/ 34	558.83	162,013	2/ 258.08	2/ 16.4
1999	536,979	11,043	33	573.11	140,528	265.78	2/ 16.5
2000	552,445	8,755	34	587.99	111,665	273.16	15.4
2001	556,447	11,884	42	601.21	150,142	282.46	12.8
2002	557,876	12,304	2/ 48	628.56	164,500	279.64	19.2
2003	(NA)	10,669	40	(NA)	144,864	297.67	15.7

NA Not available.

1/ Based on number of unemployed.

2/ Revised from previous *Data Book*.

Source: Hawaii State Department of Labor and Industrial Relations, *State of Hawaii Unemployment Insurance Fact Book* (annual) and records.

Table 11.20-- CHILD DAY CARE SERVICES WITH PAYROLL, BY FEDERAL INCOME TAX STATUS AND BROAD GEOGRAPHIC AREA: 1992, 1997, 2000 and 2001

[Excludes most government employees and self-employed persons, and child day care services without payroll subject to Federal income tax]

Geographic area	Number of establishments		Receipts or revenue (\$1,000)		Paid employees, March 12	
	Subject to tax	Tax exempt	Subject to tax	Tax exempt	Subject to tax	Tax exempt
1992 1/						
State total	42	120	5,105	27,580	234	1,353
Oahu	24	91	3,274	22,416	162	1,129
Neighbor Islands	18	29	1,831	5,164	72	224
1997 2/						
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
2000 2/						
State total	184		(NA)		1,857	
Oahu	121		(NA)		1,412	
Neighbor Islands	63		(NA)		445	
2001 2/						
State total	195		(NA)		1,769	
Oahu	130		(NA)		1,351	
Neighbor Islands	65		(NA)		418	

NA Not available.

D Withheld to avoid disclosing data of individual companies.

1/ SIC 835.

2/ NAICS 6244.

Source: U.S. Bureau of the Census, *1992 Census of Service Industries, Hawaii*, SC92-A-12 (August 1994), tables 1a, 1b, 7a, 7b, 8a, and 8b; *1992 Census of Service Industries, Nonemployer Statistics Series, Summary*, SC92-N-1 (March 1995), table 3; *1997 Economic Census, Hawaii, Health Care and Social Assistance, Geographic Area Series* (June 1999), tables 1a, 1b, 2a, 2b, 3 at <http://www.census.gov/prod/ec97/97s62-hi.pdf>; *1997 Economic Census, Nonemployer Statistics, GC97X-C54 (January 2001)*, p. 116; U.S. Census Bureau, *County Business Patterns Hawaii: 2000*, CBP-00-13 (May 2002), tables 2 and 6 <<http://www.census.gov/prod/2002pubs/00cbp/cbp00-13.pdf>> accessed June 12, 2002; U.S. Census Bureau, *County Business Patterns Hawaii: 2001*, CBP/01-13 (April 2003), tables 2 and 6 <<http://www.census.gov/prod/2003pubs/01cbp/cbp01-13.pdf>> accessed May 15, 2003.

Table 11.21-- LICENSED CHILD CARE CENTERS AND LICENSED FAMILY CHILD CARE PROVIDERS: 1999 to 2002

[Centers as of February, providers as of August]

Subject	1999 1/	2000	2001	2002
Licensed child care centers	384	500	500	552
Licensed family child care providers	525	501	501	501

1/ Centers for the period October 1998 through January 1999.

Source: Children's Foundation, Washington, D.C., as cited in U. S. Census Bureau, *Statistical Abstract of the United States* for 2000 (table 634), 2001 (table 558), 2002 (table 551), and 2003 (table 578).

**Table 11.22-- REPORTING PUBLIC CHARITIES IN HAWAII, BY TYPE:
CIRCA 1999**

[Dollar amounts in millions]

Type	Number of organizations 1/	Expenses 2/	Assets 3/	Public support 4/	Total revenue 5/
Total	1,222	3,077.0	5,217.3	638.3	4,198.2
Operating public charities	1,119	2,645.5	3,983.1	570.3	3,415.5
Arts, culture, humanities	178	116.7	380.3	56.4	129.0
Educational institutions	194	468.3	745.7	135.2	1,190.5
Environmental quality, protection	34	12.5	56.4	16.1	21.2
Animal related	14	8.6	16.8	4.8	10.1
Health - general, rehabilitative	86	1,583.3	1,948.1	101.4	1,579.6
Mental health, crisis intervention	33	36.4	27.8	24.3	37.7
Disease, disorders, medical disciplines	21	37.3	21.5	5.0	36.0
Medical research	14	3.9	5.9	2.2	4.3
Crime, legal related	19	7.9	6.9	7.5	8.7
Employment, job related	9	10.9	7.9	3.3	11.7
Food, agriculture, nutrition	10	16.6	7.3	16.0	16.8
Housing, shelter	58	29.3	220.6	16.2	36.4
Public safety, disaster relief	5	0.5	0.4	0.4	0.5
Recreation, sports, leisure, athletics	57	7.7	5.8	4.0	8.7
Youth development	43	17.9	25.7	12.9	20.0

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**Table 11.22-- REPORTING PUBLIC CHARITIES IN HAWAII, BY TYPE:
CIRCA 1999 -- Con.**

[Dollar amounts in millions]

Type	Number of organizations 1/	Expenses 2/	Assets 3/	Public support 4/	Total revenue 5/
Human services - multipurpose	143	196.8	265.3	102.6	205.7
International, foreign affairs	14	23.9	34.9	21.1	25.2
Civil rights, social action, advocacy	11	3.2	4.0	3.7	4.0
Community improvement	42	23.3	83.9	10.7	24.5
Philanthropy, grantmaking	1	0.0	1.3	0.0	0.3
Science and technology research	11	21.1	64.6	13.0	24.8
Social science research	1	0.1	0.1	0.1	0.1
Public, social benefit	13	2.2	1.9	0.3	1.7
Religion related, spiritual development	47	8.4	28.4	5.5	9.0
Unknown/unclassified	61	8.9	21.5	7.7	9.3
Supporting public charities	99	417.5	1,200.4	67.1	767.9
Mutual, membership benefit organizations	4	14.0	33.8	0.9	14.7

1/ Reporting public charities include only organizations that both reported (filed IRS Form 990) and were required to do so. The following were excluded: foreign organizations, government-associated organizations, and organizations without state identifiers. Organizations not required to report include religious congregations and organizations with less than \$25,000 in gross receipts.

2/ Total expenses = current operating expenditures, grants and benefits, and payments to affiliates.

3/ Total assets = total assets at the end of the year, including cash, savings, investments, land, buildings, equipment, inventory, and accounts, pledges, grants, and loans receivable.

4/ Public support = gifts, grants, and contributions from government and private sources.

5/ Total revenue = calculated by the National Center for Charitable Statistics using the following formula: gross income + public support + dues received - rental expenses - direct expenses other than fundraising expenses.

Source: *US Internal Revenue Service Form 990 Return Transaction File, 2000* (returns received in that calendar year) as adjusted by the National Center for Charitable Statistics (NCCS). Prepared by the NCCS in June of 2001 <http://www.nccs.urban.org/stcover/stc_HI.htm> accessed August 1, 2003.

Table 11.23-- QUALITY OF LIFE INDEX RANKINGS, FOR THE STATE AND THE HONOLULU METROPOLITAN STATISTICAL AREA (MSA): 1993 TO 2002

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
Thomas, 1995	50	2
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
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 2/	23	16
<i>Money</i> , 2000	100	45
<i>Money</i> , 2001	100	45
<i>Money</i> , 2002	100	45

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; 1 to 23 for 1998, and 1 to 100 for the years 2000 to 2002, the higher the rank, the better.

2/ In the Western States, comparison limited to medium-size MSAs (250,000 to 1,000,000 inhabitants).

Source: Morgan Quitno (publisher), *State Rankings* (annual); G. Scott Thomas, *The Rating Guide to Life in America's Fifty States*, cited in *American Demographics*, Feb. 1995, pp. 13-14; "Best Places to Live in America" (annual survey), *Money* 1998 and earlier issues; <http://money.cnn.com/best/bplive/details/HONOL_HI.html> accessed July 28, 2003.

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: 2003*.

Table 12.01-- LABOR FORCE STATUS, BY SEX: 1960 TO 2000

Sex and labor force status	1960	1970	1980	1990	2000
BOTH SEXES					
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
MALE					
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
FEMALE					
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 COUNTIES: 2000

Subject	State	Hawaii	Honolulu	Kalawao	Kauai	Maui
Population 16 years and over	473,542	56,763	344,979	88	22,264	49,448
Male	348,658	38,740	255,991	44	15,974	37,909
Worked in 1999	289,970	30,952	214,602	29	12,910	31,477
Usually worked 35 or more hours per week	218,200	21,933	164,633	14	9,165	22,455
50 to 52 weeks						
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	33,927	3,437	25,589	-	1,375	3,526
with own children under 18 years, under 6 years only	21,614	2,229	15,988	-	962	2,435
In labor force	19,960	2,039	14,720	-	883	2,318
Employed or in Armed Forces						
Own children under 18 years	271,881	35,528	192,025	-	14,413	29,915
in families and subfamilies	86,956	10,089	63,495	-	4,170	9,202
Under 6 years	35,588	3,846	26,170	-	1,757	3,815
Living with two parents, both parents in labor force						

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			
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 AVERAGES, 2001 AND 2002

[Numbers in thousands]

Population group	Persons 16 years and over			16 to 19 years (both sexes)
	Both sexes	Men	Women	
2001				
Civilian noninstitutional population	893	432	461	61
Civilian labor force	606	315	291	28
Percent of population	67.8	72.9	63.1	45.6
Employment	577	300	278	24
Percent of population	64.7	69.3	60.3	38.5
Unemployment	28	15	13	4
Rate 1/	4.6	4.9	4.4	15.6
Error range of rate 2/	4.1 - 5.1	4.1 - 5.7	3.7 - 5.1	11.6 - 19.6
Not in civilian labor force	287	117	170	33
2002				
Civilian noninstitutional population	889	424	465	58
Civilian labor force	582	299	283	21
Percent of population	65.5	70.6	60.8	35.9
Employment	557	285	272	17
Percent of population	62.7	67.2	58.5	29.7
Unemployment	25	14	11	4
Rate 1/	4.2	4.7	3.8	17.3
Error range of rate 2/	3.7 - 4.7	3.9 - 5.5	3.1 - 4.5	12.3 - 22.3
Not in civilian labor force	307	125	182	37

1/ Percent of civilian labor force.

2/ Calculated at the 90-percent confidence interval.

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment, 2001* (Bulletin 2556, March 2003), table 12 <<http://stats.bls.gov/opub/gp/pdf/gp01full.pdf>>; and *Ibid, 2002* (Bulletin 2564, February 19, 2004 <http://stats.bls.gov/opub/gp/pdf/gp02_12.pdf> accessed March 31, 2004 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: 2003

[Details may not add exactly to the totals and subtotals shown because of rounding]

Race or origin 1/	Civilian labor force		Unemployed (percent)	
	Both sexes	Female	Both sexes	Female
All races	618,300	299,050	4.3	3.8
One race				
White	158,500	72,550	4.0	3.9
Black or African American	7,200	2,900	6.2	7.3
American Indian and Alaska Native	1,500	700	10.1	12.4
Asian	276,150	139,250	2.8	2.3
Native Hawaiian and other Pacific Islander	52,350	24,800	8.3	7.4
Some other race	6,450	2,900	6.4	6.9
Two or more races	116,150	56,000	6.0	5.6
Minority group 2/ Hispanic or Latino	459,800 37,000	226,450 18,250	4.4 7.4	3.8 7.1

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 and Industrial Relations, "Affirmative Action Programs" (May 2004) <https://www.hiwi.org/admin/uploadedPublications/1207_AAP03PUB.pdf> accessed June 10, 2004.

**Table 12.06-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE:
ANNUAL AVERAGES, 1980 TO 2003**

Year	Labor force	Employed	Unemployed	
			Number	Percent
1980	440,000	418,000	21,000	4.9
1981	451,000	427,000	24,000	5.4
1982	461,000	430,000	31,000	6.7
1983	472,000	442,000	30,000	6.5
1984	472,000	445,000	27,000	5.6
1985	479,000	452,000	27,000	5.6
1986	492,000	468,000	24,000	4.8
1987	514,000	494,000	20,000	3.8
1988	518,000	502,000	16,000	3.1
1989	524,000	511,000	13,000	2.5
1990	542,000	527,000	15,000	2.8
1991	573,750	557,750	16,000	2.8
1992	584,050	557,450	26,650	4.6
1993	586,000	560,900	25,100	4.3
1994	580,150	545,000	35,150	6.1
1995	576,400	542,650	33,800	5.9
1996	593,600	555,750	37,850	6.4
1997 1/	602,600	564,050	38,550	6.4
1998 1/	603,550	565,850	37,700	6.2
1999 1/	602,700	568,900	33,750	5.6
2000 2/	604,000	578,200	25,800	4.3
2001 2/	619,550	591,100	28,450	4.6
2002 2/	606,500	580,750	25,750	4.2
2003 3/	618,300	591,800	26,500	4.3

1/ Data for 1997, 1998 and 1999 have been revised to reflect the use of the 2000 census.

2/ Data for 2000, 2001 and 2002 have been benchmarked but are preliminary pending further review.

3/ Data for 2003 have been benchmarked.

Source: Hawaii State Department of Labor & Industrial Relations, *Labor Force Data Book* (annual), and *Civilian Labor Force, Not Seasonally Adjusted, 1997-2004*,

<<http://www.hawaii.gov/dlir/rs/loihi/LFR/LAUS.HTM>> accessed May 13, 2004.

**Table 12.07-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE,
BY COUNTY AND ISLAND: ANNUAL AVERAGE, 1991 TO 2003**

[Except for percent employed, rounded to nearest 50. Details may not add exactly to the totals and subtotals shown because of rounding]

Year	City and County of Honolulu	County of Hawaii	County of Kauai	County of Maui			
				County total	Lanai	Maui	Molokai
Civilian labor force							
1991	419,850	63,800	28,600	61,500	1,550	57,300	2,650
1992	423,350	65,350	29,450	65,900	1,600	61,250	3,050
1993	426,400	65,300	28,350	66,000	1,550	61,600	2,850
1994	420,350	65,350	28,650	65,800	1,500	61,400	2,900
1995	418,150	64,150	28,350	65,800	1,600	61,200	2,950
1996	429,350	67,250	29,000	68,050	1,650	63,250	3,100
1997 1/	433,800	69,650	29,000	70,150	1,700	65,550	2,900
1998 1/	433,800	69,650	29,100	71,050	1,700	66,350	3,000
1999 1/	430,200	70,550	29,350	72,600	1,750	67,750	3,050
2000 2/	430,200	71,100	29,750	72,950	1,850	68,150	2,950
2001 2/	438,950	74,100	30,350	76,150	1,900	71,600	2,650
2002 2/	429,350	73,100	29,650	74,450	1,800	70,100	2,500
2003 3/	436,450	75,350	30,750	75,750	1,750	71,400	2,600
Civilian employed							
1991	411,250	60,900	27,400	58,200	1,450	54,350	2,400
1992	410,700	60,050	26,400	60,250	1,500	56,200	2,550
1993	413,250	60,400	24,700	62,500	1,400	58,500	2,600
1994	400,850	58,300	24,550	61,300	1,350	57,350	2,600
1995	398,950	57,600	25,100	61,000	1,550	56,850	2,600
1996	406,650	60,550	25,450	63,050	1,550	58,900	2,600
1997 1/	410,850	62,600	25,750	64,900	1,600	60,800	2,450
1998 1/	410,500	62,950	26,200	66,200	1,650	62,000	2,550
1999 1/	408,950	64,400	27,100	68,450	1,700	64,150	2,600
2000 2/	414,100	66,400	27,850	69,850	1,800	65,550	2,500
2001 2/	421,250	69,050	28,200	72,600	1,800	68,500	2,300
2002 2/	412,650	68,900	28,050	71,150	1,700	67,100	2,300
2003 3/	419,550	70,650	29,250	72,400	1,700	68,400	2,250

Continued on next page.

**Table 12.07-- EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE,
BY COUNTY AND ISLAND: ANNUAL AVERAGE, 1991 TO 2003 -- Con.**

Year	City and County of Honolulu	County of Hawaii	County of Kauai	County of Maui			
				County total	Lanai	Maui	Molokai
Unemployed							
1991	8,600	2,900	1,200	3,300	100	2,950	250
1992	12,650	5,250	3,050	5,650	150	5,050	500
1993	13,150	4,850	3,600	3,450	150	3,100	250
1994	19,500	7,100	4,100	4,500	100	4,050	300
1995	19,200	6,550	3,250	4,800	100	4,400	350
1996	22,700	6,650	3,550	4,950	100	4,400	500
1997 1/	22,950	7,100	3,250	5,250	100	4,700	450
1998 1/	23,300	6,700	2,900	4,850	50	4,350	450
1999 1/	21,250	6,150	2,250	4,150	100	3,600	450
2000 2/	16,100	4,750	1,900	3,050	50	2,550	450
2001 2/	17,750	5,050	2,100	3,550	100	3,100	350
2002 2/	16,700	4,200	1,600	3,300	100	3,000	200
2003 3/	16,900	4,700	1,550	3,350	50	3,000	300
Percent unemployed							
1991	2.0	4.5	4.1	5.4	6.7	5.1	10.1
1992	3.0	8.1	10.3	8.6	7.8	8.3	16.0
1993	3.1	7.5	12.8	5.3	8.9	5.0	8.4
1994	4.6	10.8	14.3	6.8	7.1	6.6	10.8
1995	4.6	10.2	11.4	7.3	5.3	7.2	11.4
1996	5.3	9.9	12.2	7.3	5.8	6.9	15.9
1997 1/	5.3	10.2	11.3	7.5	5.9	7.2	14.8
1998 1/	5.4	9.6	9.9	6.8	3.5	6.5	14.8
1999 1/	4.9	8.7	7.7	5.7	4.3	5.3	14.3
2000 2/	3.7	6.7	6.5	4.2	3.4	3.8	14.8
2001 2/	4.0	6.8	7.0	4.7	4.5	4.4	13.9
2002 2/	3.9	5.7	5.4	4.4	4.7	4.3	8.5
2003 3/	3.9	6.3	5.0	4.4	3.4	4.2	12.0

1/ Data for 1997, 1998 and 1999 have been revised to reflect the use of the 2000 census.

2/ Data for 2000, 2001 and 2002 have been benchmarked but are preliminary pending further review.

3/ Data for 2003 have been benchmarked.

Source: Hawaii State Department of Labor & Industrial Relations, *Labor Force Data Book* (annual), and *Civilian Labor Force, Not Seasonally Adjusted, 1997-2004*,

<<http://www.hawaii.gov/dlir/rs/loihi/LFR/LAUS.HTM>> accessed May 13, 2004.

**Table 12.08-- CHARACTERISTICS OF THE INSURED UNEMPLOYED:
ANNUAL AVERAGES, 2002**

[Percent distributions. Includes all eligible claimants who filed new claims for unemployment insurance benefits during the year. Includes both intrastate and interstate agent claimants]

Characteristic	Percent 1/	Characteristic	Percent
Total	100.0	Occupation:	
Age:		Management	6.6
Under 22 years	2.2	Business/Fin	1.6
22 to 24 years	4.6	Computer/Math	1.1
25 to 34 years	23.5	Architec/Engr	0.4
35 to 44 years	27.2	Life/Phys/SocSci	0.6
45 to 54 years	24.9	Community/SocSvc	1.2
55 to 64 years	13.8	Legal	0.3
65 years and over	3.7	Ed/Train/Libr	1.9
Sex:		Arts/Entertain/Sports	1.7
Male	56.4	HealthcarePractice	0.8
Female	43.6	HealthcareSupport	1.5
Industry:		ProtectiveSvc	1.4
Government	4.4	Food Prep/Svc	8.8
Agriculture	3.5	Bldg/Grnd-Mntc	4.0
Construction	17.2	Pers-Care-Svc	3.4
Manufacturing	1.8	Sales-Related	9.8
Wholesale	2.2	Ofc/Admin-Support	14.3
Retail Trades	6.0	Farm/Fish/Forestry	2.8
Transp/Warehsg	6.6	Construction/Extrct	11.5
Information	2.6	InstalRepair	2.4
Finance/Insurance	1.6	Production	2.4
Real Estate/Rental	1.9	Trans/Moving	4.7
Prt/Sci/Tech.	3.1	Info. Not available	16.6
Admin-Waste-Mgmt	9.2	Duration:	
Health/Social	5.2	1 to 4 weeks	34.2
Arts/Entertainment	1.6	5 to 14 weeks	35.8
Accommodation/Food	13.5	15 weeks and over	30.1
Other-Services	2.8		
Info. Not available	16.8		

1/ Percentages may not add exactly to indicated total, due to rounding.

Source: Hawaii State Department of Labor and Industrial Relations, *Characteristics of the Insured Unemployed in Hawaii 2001-2002* <http://www.state.hi.us/dlir/rs/loihi/OMI/UI/UI_STATS.HTM> accessed July 23, 2004.

**Table 12.09-- WAGE AND SALARY JOBCOUNT: ANNUAL AVERAGES,
1990 TO 2003**

[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 are rounded to the nearest 50. Totals may not add due to rounding or residual categories]

Year	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
1990	538,600	413,550	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	538,900	403,150	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	563,600	415,800	57,350	26,300	64,000
2002 1/	564,050	414,900	58,350	26,750	64,000
2003 1/	574,250	421,750	59,550	27,700	65,250

1/ Data were rebenchmarked by Department of Labor & Industrial Relations.

Source: Hawaii State Department of Labor and Industrial Relations, *Labor Force Data Book* (annual) and Current Employment Statistics Non-agricultural Wage and Salary Jobs by County - Not Seasonally Adjusted, Historical Jobcount Series
<<http://www.hawaii.gov/dlir/rs/loihi/LFR/CES1.HTM>> accessed May 18, 2004 and calculations by Hawaii State Department of Business, Economic Development and Tourism.

**Table 12.10-- JOBCOUNT, BY NAICS INDUSTRY: ANNUAL AVERAGES,
2000 TO 2003**

[Data rounded to nearest 50. Totals may not add due to rounding or residual categories. Data are according to the North American Industrial Classification System]

Industry	2000	2001	2002 1/	2003 1/
Nonagriculture, wage & salary	551,400	554,950	556,750	567,300
Natural resources, mining, construction	24,800	24,700	26,000	27,900
Manufacturing	16,400	16,400	15,200	14,900
Durable goods	4,200	4,400	4,050	4,050
Non-durable goods	12,300	12,000	11,200	10,850
Trade, transportation & utilities	110,800	110,950	106,750	107,950
Wholesale trade	16,200	16,450	16,400	16,750
Retail trade	66,300	66,100	64,000	64,450
Transportation, warehousing & utilities	28,200	28,400	26,350	26,750
Utilities	2,700	2,700	2,700	2,700
Transportation & warehousing	25,500	25,700	23,650	24,100
Air Transportation	10,600	10,550	9,750	10,050
Information	12,300	11,850	11,450	10,400
Telecommunications	5,200	4,950	4,400	4,000
Financial activities	29,500	28,050	27,700	28,350
Finance & insurance	17,000	15,850	15,800	16,050
Real estate, rental, leasing	12,500	12,200	11,900	12,300
Professional & business services	61,500	63,950	67,250	69,600
Education & health services	59,900	61,800	63,300	65,400
Education services	11,200	11,650	12,150	12,800
Health care & social assistance	48,700	50,100	51,150	52,600
Ambulatory health care services	19,100	19,650	20,800	21,900
Hospitals	13,300	13,100	12,550	12,600
Nursing & residential care facilities	5,400	5,650	5,900	6,050
Social assistance	10,900	11,750	11,950	12,050
Leisure and hospitality	99,600	99,200	97,400	99,500
Arts, entertainment & recreation	10,800	11,100	10,900	11,050
Accommodation & food services	88,800	88,100	86,500	88,400
Food services and drinking places	50,500	50,200	50,350	51,750
Full-service restaurants	25,600	25,500	25,650	26,250
Other services	22,100	23,550	23,700	24,200
Government	114,600	114,450	117,950	119,150
Federal	31,000	30,100	30,650	31,650
Department of defense	15,500	15,650	15,850	15,800
Naval Shipyard	(2/)	4,700	4,950	4,750
State	66,900	67,300	70,150	70,550
Education (DOE & UH)	43,200	44,000	46,200	46,900
Local	16,700	17,100	17,150	16,950
Agriculture	7,900	7,400	7,200	6,850

1/ Data were benchmarked in March, 2004

2/ New series from 2001.

Source: Hawaii State Department of Labor and Industrial Relations, State of Hawaii, Not Seasonally Adjusted Jobcount by Detailed Industry <<http://www.hawaii.gov/dlir/rs/loihi/LFR/CESST00S.TXT>> accessed July 27, 2004.

Table 12.11-- 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 12.12-- JOBCOUNT BY NAICS INDUSTRY, BY COUNTY:
ANNUAL AVERAGES, 2002**

[Data rounded to nearest 50. Totals may not add due to rounding or residual categories. Data are according to the North American Industrial Classification System and were benchmarked in March, 2004]

Industry	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
Nonagriculture, wage & salary	556,750	412,800	55,950	26,000	61,950
Nat. resources, mining, construction	26,000	17,800	3,850	1,250	3,050
Manufacturing	15,200	11,750	1,450	400	1,650
Durable goods	4,050	3,350	300	100	300
Non-durable goods	11,200	8,400	1,150	300	1,350
Trade, transportation & utilities	106,750	76,550	11,750	5,600	12,900
Wholesale trade	16,400	13,500	1,400	400	1,100
Retail trade	64,000	43,600	7,950	3,700	8,750
Transport., warehousing & utilities	26,350	19,450	2,450	1,450	3,000
Information	11,450	9,450	650	450	950
Telecommunications	4,400	3,600	250	100	400
Financial activities	27,700	21,500	2,350	1,200	2,650
Finance & insurance	15,800	13,650	950	400	800
Professional & business services	67,250	55,250	4,550	2,500	5,000
Education & health services	63,300	50,250	6,100	2,200	4,700
Education services	12,150	10,600	650	150	700
Health care & social assistance	51,150	39,650	5,450	2,050	4,000
Leisure & hospitality	97,400	57,500	12,300	7,550	20,050
Arts, entertainment & recreation	10,900	6,800	1,300	900	1,950
Accommodation & food services	86,500	50,700	11,050	6,650	18,100
Other Services	23,700	18,850	1,600	650	2,600
Government	117,950	93,950	11,350	4,200	8,450
Federal	30,650	28,600	1,050	400	600
Department of Defense	15,850	15,500	150	200	(1/)
Naval Shipyard	4,950	4,950	-	-	-
State	70,150	53,700	8,050	2,700	5,700
Education (DOE & UH)	46,200	36,700	4,700	1,600	3,200
Local	17,150	11,600	2,250	1,100	2,150
Agriculture, wage & salary	7,200	2,000	2,400	750	2,050

1/ Fewer than 50.

Source: Hawaii State Department of Labor and Industrial Relations, Current Employment Statistics - Historical Jobcount Series <www.hawaii.gov/dlir/rs/loihi/LFR/CES1.HTM> accessed July 27, 2004.

**Table 12.13-- JOBCOUNT BY NAICS INDUSTRY, BY COUNTY:
ANNUAL AVERAGES, 2003**

[Data rounded to nearest 50. Totals may not add due to rounding or residual categories. Data are according to the North American Industrial Classification System and were benchmarked in March, 2004]

Industry	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
Nonagriculture, wage & salary	567,300	419,700	57,200	27,000	63,400
Nat. resources, mining, construction	27,900	19,300	4,300	1,350	3,000
Manufacturing	14,900	11,450	1,450	400	1,600
Durable goods	4,050	3,300	350	100	300
Non-durable goods	10,850	8,150	1,100	300	1,300
Trade, transportation & utilities	107,950	76,800	12,100	5,900	13,150
Wholesale trade	16,750	13,750	1,400	400	1,150
Retail trade	64,450	43,550	8,150	3,850	8,900
Transport., warehousing & utilities	26,750	19,500	2,550	1,600	3,150
Information	10,400	8,600	600	300	900
Telecommunications	4,000	3,200	250	100	400
Financial activities	28,350	21,800	2,450	1,250	2,900
Finance & insurance	16,050	13,750	1,000	400	850
Professional & business services	69,600	57,000	4,450	2,850	5,350
Education & health services	65,400	52,200	6,150	2,250	4,800
Education services	12,800	11,150	700	200	750
Health care & social assistance	52,600	41,050	5,450	2,050	4,000
Leisure & hospitality	99,500	58,450	12,700	7,900	20,400
Arts, entertainment & recreation	11,050	6,650	1,500	950	1,950
Accommodation & food services	88,400	51,800	11,200	6,950	18,450
Other Services	24,200	19,200	1,650	650	2,700
Government	119,150	94,850	11,400	4,200	8,700
Federal	31,650	29,150	1,200	500	800
Department of Defense	15,800	15,450	150	200	(1/)
Naval Shipyard	4,750	4,750	-	-	-
State	70,550	54,300	7,950	2,600	5,700
Education (DOE & UH)	46,900	37,500	4,700	1,550	3,100
Local	16,950	11,400	2,250	1,100	2,150
Agriculture, wage & salary	6,850	1,950	2,350	700	1,850

1/ Fewer than 50.

Source: Hawaii State Department of Labor and Industrial Relations, Current Employment Statistics - Historical Jobcount Series <www.hawaii.gov/dlir/rs/loihi/LFR/CES1.HTM> accessed July 27, 2004.

Table 12.14-- OCCUPATION: 2000

Occupation	Number	Percent
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, 1970 to 2000]

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-- CIVILIAN EMPLOYMENT BY TYPE: 1969 TO 2002

[This employment series comprises estimates of the 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 not included. Government and government enterprises are excluded. Data for 1969-2001 are revised]

Year	Full- and part-time	Wage and salary	Self-employed	Percent self-employed
1969	275,408	228,396	47,012	17.1
1970	292,215	243,841	48,374	16.6
1971	296,373	248,651	47,722	16.1
1972	310,454	257,588	52,866	17.0
1973	327,803	273,234	54,569	16.6
1974	339,768	280,454	59,314	17.5
1975	349,201	284,441	64,760	18.5
1976	352,794	288,762	64,032	18.1
1977	358,516	298,198	60,318	16.8
1978	373,836	315,720	58,116	15.5
1979	402,351	334,293	68,058	16.9
1980	420,607	344,808	75,799	18.0
1981	416,285	345,058	71,227	17.1
1982	414,454	339,787	74,667	18.0
1983	420,992	346,019	74,973	17.8
1984	424,033	350,370	73,663	17.4
1985	439,095	362,754	76,341	17.4
1986	453,723	373,150	80,573	17.8
1987	482,234	394,081	88,153	18.3
1988	507,064	408,750	98,314	19.4
1989	532,294	433,045	99,249	18.6
1990	558,725	453,296	105,429	18.9
1991	577,425	461,421	116,004	20.1
1992	575,316	463,180	112,136	19.5
1993	572,564	456,364	116,200	20.3
1994	569,063	451,235	117,828	20.7
1995	570,665	448,314	122,351	21.4
1996	573,106	447,565	125,541	21.9
1997	573,210	446,524	126,686	22.1
1998	575,273	445,791	129,482	22.5
1999	577,336	450,160	127,176	22.0
2000	597,011	464,576	132,435	22.2
2001	604,873	467,015	137,858	22.8
2002	612,136	466,164	145,972	23.8

Source: U.S. Bureau of Economic Analysis, State Annual Personal Income, "Total full-time and part-time employment by industry" (SA25) - Hawaii: 1969-2002 <<http://www.bea.gov/bea/regional/spi/>> accessed April 27, 2004 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 12.17-- CIVILIAN EMPLOYMENT, FULL- AND PART-TIME:
ANNUAL AVERAGES, 2000 TO 2002**

[Number in thousands]

Population group	Total	Men	Women	16 to 19 years (both sexes)
2000				
Full- and part-time	570	291	279	20
Full-time Total	456	245	211	4
Full-time not at work	19	8	11	(1/)
Part-time total	114	46	68	16
Economic reasons	19	11	9	1
Non- economic reasons	88	33	55	14
Not at work	7	2	5	1
2001				
Full- and part-time	578	300	278	10
Full-time Total	468	257	211	8
Full-time not at work	19	8	11	16
Part-time total	110	43	67	2
Economic reasons	19	8	11	13
Non- economic reasons	83	33	50	1
Not at work	8	3	5	4
2002				
Full- and part-time	557	285	272	17
Full-time Total	457	246	211	4
Full-time not at work	17	7	9	(2/)
Part-time total	100	39	61	13
Economic reasons	18	8	10	(2/)
Non- economic reasons	75	29	46	11
Not at work	7	(2/)	5	(2/)

1/ Less than 500 persons.

2/ Data are not shown when the labor force base does not meet BLS publication standards of reliability.

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment 2002* (Bulletin 2564, February 19, 2004), table 13 <http://www.bls.gov/opub/gp/pdf/gp02_19.pdf> accessed March 31, 2004, and earlier reports; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 12.18-- OCCUPATION OF EMPLOYED CIVILIANS IN PERCENT, BY SEX: ANNUAL AVERAGES, 2001 AND 2002

Occupation	Both sexes	Men	Women
2001			
All occupations (number employed in thousands)	577	300	278
Percent	100.0	100.0	100.0
Managerial and professional specialty			
Executive, administrative, and managerial	14.7	15.2	14.3
Professional specialty	13.9	12.0	16.0
Technical, sales, and administrative support			
Technicians and related support	2.8	2.8	2.9
Sales	13.1	10.2	16.3
Administrative support, including clerical	14.0	5.5	23.2
Service occupations	20.1	19.8	20.5
Precision production, craft, and repair	9.8	17.4	1.7
Operators, fabricators, and laborers			
Machine operators, assemblers, and inspectors	1.9	2.1	1.7
Transportation and material moving	3.3	6.0	0.4
Handlers, equipment cleaners, helpers, and laborers	3.1	4.4	1.6
Farming, forestry, and fishing	3.1	4.8	1.4
2002			
All occupations (number employed in thousands)	557	285	272
Percent	100.0	100.0	100.0
Managerial and professional specialty			
Executive, administrative, and managerial	15.2	15.9	14.6
Professional specialty	15.5	12.3	18.8
Technical, sales, and administrative support			
Technicians and related support	2.9	3.1	2.7
Sales	11.6	8.6	14.8
Administrative support, including clerical	14.2	5.9	22.9
Service occupations	18.3	17.5	19.1
Precision production, craft, and repair	9.3	17.3	1.0
Operators, fabricators, and laborers			
Machine operators, assemblers, and inspectors	1.6	1.5	1.7
Transportation and material moving	4.0	6.7	1.1
Handlers, equipment cleaners, helpers, and laborers	3.8	6.2	1.2
Farming, forestry, and fishing	3.6	5.0	2.2

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment, 2001* (Bulletin 2556, April 2003), table 15 <<http://stats.bls.gov/opub/gp/pdf/gp01full.pdf>> and *Ibid*, 2002 (Bulletin 2564 February 19, 2004), table 15 <http://stats.bls.gov/opub/gp/pdf/gp02_15.pdf> accessed March 31, 2004.

Table 12.19-- MULTIPLE JOBHOLDERS, NUMBERS AND PERCENT OF EMPLOYED: ANNUAL AVERAGES, 1999 TO 2002

Subject	1999	2000	2001	2002
Employed, 16 years and over	1/ 568,900	1/ 578,200	1/ 591,100	1/ 580,800
Multiple jobholders	1/ 55,800	1/ 53,800	1/ 57,900	1/ 47,600
Percent of employed	9.8	9.3	9.8	8.2
Rank 2/	4	4	3	8
U.S.: percent multiple jobholders	5.8	5.6	5.4	5.3

1/ Revised from previous *Data Book*.

2/ Rank among 50 states and the District of Columbia. Rank of 1 for highest number of multiple jobholders.

Source: 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 OF WORKERS COVERED BY THE HAWAII EMPLOYMENT SECURITY LAW AND UNEMPLOYMENT COMPENSATION FOR FEDERAL EMPLOYEES: 1992 TO 2002

Year	Number of reporting units, December 1/	Average employment	Total wages (\$1,000)	Average annual wage (dollars)
INCLUDING GOVERNMENT				
1994	31,031	539,559	14,426,932	26,718
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
EXCLUDING GOVERNMENT				
1994	31,025	431,500	11,066,502	25,647
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
PRIVATE NON-AGRICULTURAL				
1994	30,330	420,136	10,814,225	25,740
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	33,838	438,283	13,105,583	29,902
2002	34,225	436,743	13,561,708	31,052

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.

Source: Hawaii State Department of Labor and Industrial Relations, *Employment and Payrolls in Hawaii* (annual) and records; 'private non-agricultural' numbers were calculated by Hawaii State Department of Business, Economic Development & Tourism.

Table 12.22-- EMPLOYMENT AND WAGES OF WORKERS COVERED BY THE HAWAII EMPLOYMENT SECURITY LAW AND UNEMPLOYMENT COMPENSATION FOR FEDERAL EMPLOYEES, BY COUNTY: 2002

County	Number of reporting units, December 1/	Average employment	Total wages (\$1,000)	Average annual wage (dollars)
INCLUDING GOVERNMENT				
State total	34,679	558,494	18,245,223	32,669
City and County of Honolulu	23,819	410,183	13,939,092	33,983
Hawaii County	4,361	57,866	1,666,778	28,804
Kauai County	2,028	26,735	750,493	28,072
Maui County	4,477	63,711	1,888,860	29,647
EXCLUDING GOVERNMENT				
State total	34,673	444,376	13,750,473	30,943
City and County of Honolulu	23,816	319,647	10,335,860	32,335
Hawaii County	4,358	46,850	1,250,075	26,683
Kauai County	2,025	22,553	590,867	26,199
Maui County	4,474	55,327	1,573,671	28,443

1/ Nonprofit employers and employers with zero employment are included.

Source: Hawaii State Department of Labor and Industrial Relations, *2002 Employment and Payrolls in Hawaii* (October 2003).

Table 12.23-- EMPLOYMENT AND WAGES OF WORKERS COVERED BY THE HAWAII EMPLOYMENT SECURITY LAW AND UNEMPLOYMENT COMPENSATION FOR FEDERAL EMPLOYEES, BY INDUSTRY: 2002

NAICS code 1/	Industry	Number of reporting units, December 2/	Average employment	Total wages (\$1,000)	Average annual wage (dollars)
	Total including government	34,679	558,494	18,245,223	32,669
	Government	6	114,118	4,494,750	39,387
	Federal	1	30,674	1,557,484	50,775
	State	1	66,316	2,235,792	33,714
	County	4	17,129	701,474	40,952
	Total excluding government	34,673	444,376	13,750,473	30,943
11	Agriculture, forestry, fishing and hunting	448	7,633	188,765	24,730
22	Utilities	73	2,698	179,157	66,404
23	Construction	3,037	25,631	1,258,795	49,112
31-33	Manufacturing	1,130	15,240	467,663	30,687
311	Food manufacturing	323	6,438	156,414	24,295
315	Apparel manufacturing	115	1,264	25,593	20,248
42	Wholesale trade	2,121	16,294	634,682	38,952
44-45	Retail trade	4,875	64,255	1,461,927	22,752
48-49	Transportation and warehousing	947	23,647	865,822	36,614
487	Scenic and sightseeing transportation	215	3,423	78,446	22,917
51	Information	686	11,690	504,585	43,164
52	Finance and insurance	1,433	15,840	803,388	50,719
53	Real estate, rental & leasing	1,904	11,854	381,770	32,206
54	Professional and technical services	3,646	21,822	1,035,647	47,459
56	Administrative and waste services	2,315	38,810	891,944	22,982
61	Educational services	550	10,914	312,864	28,666
621	Ambulatory health care services	2,503	20,818	949,026	45,587
622	Hospitals	19	12,677	495,775	39,108
623	Nursing and residential care facilities	122	5,914	144,659	24,460
624	Social assistance	621	11,457	219,903	19,194
72	Accommodation and food services	3,293	86,444	1,785,060	20,650

1/ North American Industry Classification System.

2/ Nonprofit employers and employers with zero employment are included.

Source: Hawaii State Department of Labor and Industrial Relations, *2002 Employment and Payrolls in Hawaii* (October 2003).

Table 12.24-- AVERAGE ANNUAL WAGE FOR EMPLOYEES COVERED BY THE HAWAII EMPLOYMENT SECURITY LAW AND UNEMPLOYMENT COMPENSATION FOR FEDERAL EMPLOYEES, IN CURRENT AND CONSTANT DOLLARS: 1969 TO 2002

[Including government]

Year	Current dollars	1982-1984 dollars 1/	Year	Current dollars	1982-1984 dollars 1/
1969	6,876	17,452	1988	20,454	16,807
1970	7,424	17,889	1989	21,635	16,810
1971	7,677	17,771			
1972	7,989	17,913	1990	23,109	16,734
1973	8,479	18,195	1991	24,051	16,251
1974	9,087	17,645	1992	25,532	16,462
1975	9,767	17,348	1993	26,544	16,580
1976	10,347	17,508	1994	26,718	16,242
1977	10,903	17,557	1995	26,983	16,052
1978	11,630	17,384	1996	27,359	16,028
1979	12,429	16,728	1997	28,356	16,496
			1998	29,029	16,927
1980	13,548	16,323	1999	29,788	17,189
1981	14,471	15,781			
1982	15,367	15,810	2000	30,628	17,373
1983	16,115	16,229	2001	31,241	17,512
1984	16,714	16,149	2002	32,669	18,119
1985	17,335	16,231			
1986	18,069	16,516			
1987	19,060	16,588			

1/ Current dollars deflated by the Consumer Price Index (CPI-U) All Items for Honolulu.

Source: Hawaii State Department of Labor and Industrial Relations, *Employment and Payrolls in Hawaii* (annual); 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. 1987-2002: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers [CPI-U] Honolulu, All Items <<http://www.bls.gov/cpi/home.htm>> and <<http://stats.bls.gov/ro9news.htm>> accessed February 21, 2003; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 12.25-- AVERAGE ANNUAL WAGE FOR EMPLOYEES COVERED BY THE HAWAII EMPLOYMENT SECURITY LAW AND UNEMPLOYMENT COMPENSATION FOR FEDERAL EMPLOYEES, IN CURRENT AND CONSTANT DOLLARS, BY CLASS OF WORKER: 1992 AND 2002

Class of worker	1992	2002		Percent change, 1992-2002 1/	
		Current dollars	1992 dollars 2/	Current dollars	1992 dollars 2/
All classes	25,532	32,669	28,102	28.0	10.1
Federal	32,052	50,775	43,677	58.4	36.3
State	27,365	33,714	29,001	23.2	6.0
County	31,709	40,952	35,228	29.1	11.1
Private	24,581	30,943	26,618	25.9	8.3

1/ The Consumer Price Index-All Urban Consumers [CPI-U] Honolulu, All Items increased 16.3 percent from 1992 to 2002.

2/ Current dollars deflated by the Consumer Price Index (CPI-U) All Items for Honolulu.

Source: Hawaii State Department of Labor and Industrial Relations, *Employment and Payrolls in Hawaii* (annual); U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers [CPI-U] Honolulu, All Items <<http://www.bls.gov/cpi/home.htm>> and <<http://stats.bls.gov/ro9news.htm>> accessed February 21, 2003; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 12.26-- NONGOVERNMENTAL REPORTING UNITS AND EMPLOYMENT, BY SIZE OF FIRM:
DECEMBER 2002**

County	Subject 1/	All units	Size of firm					
			0 to 4	5 to 9	10 to 19	20 to 49	50 to 99	100 or more
State total	Reporting units Employment	34,673 457,049	19,916 30,752	6,264 41,493	4,137 55,731	2,732 82,471	940 64,283	684 182,319
City and County of Honolulu	Reporting units Employment	23,816 329,819	13,805 21,047	4,115 27,233	2,784 37,553	1,919 58,090	691 47,447	502 138,449
Hawaii County	Reporting units Employment	4,358 48,068	2,480 3,861	883 5,862	530 7,151	306 9,144	90 6,037	69 16,013
Kauai County	Reporting units Employment	2,025 23,107	1,125 1,809	413 2,732	238 3,177	174 5,170	43 2,841	32 7,378
Maui County	Reporting units Employment	4,474 56,055	2,506 4,035	853 5,666	585 7,850	333 10,067	116 7,958	81 20,479

1/ Multi-establishment employers are counted for each worksite reported, except for the construction industry, which reports separately only for major projects.

Source: Hawaii State Department of Labor and Industrial Relations, *2002 Employment and Payrolls in Hawaii* (October 2003).

**Table 12.27-- ANNUAL AVERAGE WAGES, TOTAL AND PRIVATE
INDUSTRY: 1990 TO 2002**

[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]

Year	Annual average wages (dollars)		Hawaii as percent of U.S		Rank 1/	
	Total	Private only	Total	Private only	Total	Private only
1990	23,167	22,244	98.2	95.6	13	18
1991	24,104	23,176	98.1	95.9	13	19
1992	25,613	24,585	98.9	96.2	13	19
1993	26,325	25,312	99.9	97.6	12	16
1994	26,746	25,647	99.3	96.8	13	17
1995	26,977	25,913	96.9	94.4	16	21
1996	27,352	26,371	94.4	92.3	22	23
1997 2/	28,357	26,979	93.4	89.7	24	28
1998 2/	29,036	27,672	90.9	87.1	26	30
1999 2/	29,794	28,163	89.4	84.7	27	32
2000 2/	30,628	29,179	86.7	82.6	29	32
2001 2/	31,253	29,816	86.3	82.5	31	34
2002 3/	32,671	30,947	88.9	84.7	27	32

1/ Rank of 1 indicates the highest annual wages per employee.

2/ Data are final and have been revised from previous *Data Book*.

3/ Data are final.

Source: U.S. Bureau of Labor Statistics, *Employment and Wages, Annual Averages* (annual), tables 5, 6, and 10; and for 1997-2002 <<http://www.bls.gov/cew/>> accessed July 13, 2004; and for 2001-2002 <<http://www.bls.gov/cew/state2002.txt>>, <<http://www.bls.gov/cew/cewbultn02.htm>> and <<http://www.bls.gov/cew/cewbultn.htm>> accessed July 11, 2004; and calculations by Hawaii State Department of Business Economic Development & Tourism.

Table 12.28-- WORKERS, EARNINGS AND HOURS IN SPECIFIED INDUSTRIES: ANNUAL AVERAGES, 2001 TO 2003

Subject	2001	2002	2003
Production workers			
Natural resources, mining and construction	18,200	1/ 19,450	20,700
Manufacturing	11,550	10,350	9,950
Trade, transportation and utilities	92,450	1/ 88,300	89,050
Wholesale trade	13,550	1/ 13,200	13,450
Retail trade	56,550	1/ 54,800	54,900
Information	8,900	1/ 8,300	7,950
Financial activities	18,700	1/ 19,200	20,850
Accommodation and food services	77,950	76,700	78,000
Accommodation	34,250	1/ 32,450	32,550
Food services and drinking places	43,650	1/ 44,200	45,450
Average weekly earnings (dollars)			
Natural resources, mining and construction	986.65	1/ 1,026.63	1,020.96
Manufacturing	474.48	465.29	479.88
Trade, transportation and utilities	403.50	1/ 418.92	437.92
Wholesale trade	473.50	492.55	551.80
Retail trade	329.06	335.38	346.63
Information	702.37	676.01	662.99
Financial activities	531.18	529.97	553.36
Accommodation and food services	299.82	302.08	313.88
Accommodation	432.54	447.90	465.21
Food services and drinking places	195.07	195.80	205.56
Average weekly hours			
Natural resources, mining and construction	35.8	37.4	36.0
Manufacturing	36.0	35.6	37.2
Trade, transportation and utilities	32.1	32.2	32.2
Wholesale trade	35.1	35.9	35.6
Retail trade	30.3	30.6	31.2
Information	37.4	34.9	33.4
Financial activities	34.9	33.5	34.2
Accommodation and food services	28.5	28.1	28.0
Accommodation	32.4	32.2	32.9
Food services and drinking places	25.4	25.2	24.5

Continued on next page.

Table 12.28-- WORKERS, EARNINGS AND HOURS IN SPECIFIED INDUSTRIES: ANNUAL AVERAGES, 2001 TO 2003 -- Con.

Subject	2001	2002	2003
Average hourly earnings (dollars)			
Natural resources, mining and construction	27.56	1/ 27.45	28.36
Manufacturing	13.18	13.07	12.90
Trade, transportation and utilities	12.57	1/ 13.01	13.60
Wholesale trade	13.49	13.72	15.50
Retail trade	10.86	10.96	11.11
Information	18.78	19.37	19.85
Financial activities	15.22	15.82	16.18
Accommodation and food services	10.52	10.75	11.21
Accommodation	13.35	13.91	14.14
Food services and drinking places	7.68	7.77	8.39

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Labor and Industrial Relations, "Hours and Earnings - Selected Industries Annual Average 2001 - 2003" <<http://www.hawaii.gov/dlir/rs/loihi/LFR/H&E.HTM>> accessed July 6, 2004.

Table 12.29-- AVERAGE HOURLY PAY RATES FOR SELECTED JOB CLASSIFICATIONS IN PRIVATE INDUSTRY: 1999 TO 2003

[In dollars. Wage data are weighted averages, as of the July 1 through July 31 period and cover regular full-time and part-time employees. The 14 job titles are meant to be only illustrative of the 90 reported]

Job classification	Job code	1999	2000	2001	2002	2003
Clerk, entry level	43.03	1/ 9.74	1/ 9.98	10.27	9.97	10.69
Cashier	46.07	1/ 12.75	1/ 13.33	13.39	13.63	13.87
Secretary	43.06	1/ 13.93	1/ 14.76	14.46	14.70	15.19
Communications operator 2/	43.10	1/ 12.22	1/ 11.73	13.00	13.31	13.89
Bookkeeper, full-charge	46.06	1/ 15.19	1/ 16.03	17.38	17.20	17.41
Engineering drafting technician	47.01	1/ 19.53	1/ 18.92	21.41	24.63	23.51
Housekeeper	48.01	11.54	11.53	11.79	12.11	12.63
Cook, general	48.09	15.00	14.59	14.84	15.20	15.64
Wait help	48.13	5.93	6.02	6.20	6.38	6.62
Laborer, light	50.06	9.46	9.30	11.21	12.23	11.86
Carpenter, maintenance	50.12	20.20	18.39	18.60	17.90	18.14
Electrician, maintenance	50.15	22.90	21.56	21.50	22.76	21.53
Automotive mechanic	50.19	16.78	18.21	18.56	18.02	19.80
Truck driver (trailer)	51.05	14.17	13.56	14.64	16.67	14.16

1/ Hourly wages have been calculated based on 2,080 hours per year.

2/ Prior to 2003, this category, job code 43.10, was "Switchboard operator".

Source: Hawaii Employers Council, *Pay Rates in Hawaii* (annual), and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 12.30-- AVERAGE HOURLY PAY RATES FOR SELECTED JOB CLASSIFICATIONS IN PRIVATE INDUSTRY, BY COUNTY: 2003

[In dollars. Wage data are weighted averages, as of the July 1 through July 31 period and cover regular full-time and part-time employees. The 14 job titles are meant to be only illustrative of the 90 reported]

Job classification	Job code	State	Kauai County	City & County of Honolulu	Maui County	Hawaii County
Clerk, entry level	43.03	10.69	(1/)	10.75	(1/)	8.21
Cashier	46.07	13.87	(1/)	13.85	14.94	(1/)
Secretary	43.06	15.19	12.03	15.29	15.15	14.49
Communications operator 2/	43.10	13.89	(1/)	13.88	(1/)	(1/)
Bookkeeper, full-charge	46.06	17.41	(1/)	17.65	17.16	(1/)
Engineering drafting technician	47.01	23.51	(1/)	(1/)	(1/)	(1/)
Housekeeper	48.01	12.63	(1/)	12.74	12.26	(1/)
Cook, general	48.09	15.64	(1/)	15.58	16.75	(1/)
Wait help	48.13	6.62	(1/)	6.63	(1/)	(1/)
Laborer, light	50.06	11.86	(1/)	12.68	9.43	(1/)
Carpenter, maintenance	50.12	18.14	(1/)	19.23	(1/)	(1/)
Electrician, maintenance	50.15	21.53	(1/)	24.68	18.75	(1/)
Automotive mechanic	50.19	19.80	15.26	21.26	19.21	15.70
Truck driver (trailer)	51.05	14.16	(1/)	15.21	14.55	14.21

1/ Not disclosed. Jobs reported by fewer than three 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 3987, October 2003); and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 12.31-- EMPLOYMENT AND WAGES OF HAWAII'S 25 LARGEST OCCUPATIONS: 2002

[In descending order by employment]

SOC Code 1/	Occupation title	Employment	Mean wage in dollars	
			Hourly	Annual 2/
41-2031	Retail Salespersons	21,470	10.07	20,950
35-3031	Waiters and Waitresses	15,200	10.03	20,870
43-9061	Office Clerks, General	13,540	11.46	23,830
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	12,510	9.62	20,000
41-2011	Cashiers	12,020	9.65	20,070
33-9032	Security Guards	9,580	10.08	20,970
37-2012	Maids and Housekeeping Cleaners	9,550	11.51	23,940
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	8,690	7.34	15,260
43-3031	Bookkeeping, Accounting, and Auditing Clerks	8,100	13.84	28,790
25-2021	Elementary School Teachers, Except Special Education	7,800	(2/)	40,540
29-1111	Registered Nurses	7,680	27.55	57,300
11-1021	General and Operations Managers	6,910	39.86	82,910
43-4051	Customer Service Representatives	6,730	13.85	28,810
49-9042	Maintenance and Repair Workers, General	6,710	15.24	31,710
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	6,450	20.74	43,130
43-5081	Stock Clerks and Order Fillers	6,440	11.35	23,600
35-2014	Cooks, Restaurant	6,350	11.45	23,820
37-3011	Landscaping and Groundskeeping Workers	6,330	11.77	24,490
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	5,890	16.98	35,320
43-6014	Secretaries, Except Legal, Medical, and Executive	5,880	15.19	31,590
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	5,470	12.64	26,300
35-2021	Food Preparation Workers	5,330	10.50	21,850
25-9041	Teacher Assistants	4,880	(2/)	20,110
25-2031	Secondary School Teachers, Except Special and Vocational Education	4,760	(2/)	41,900
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	4,690	18.23	37,910

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, "2002 State Occupational Employment and Wage Estimates Hawaii" <http://stats.bls.gov/oes/2002/oes_hi.htm> accessed June 4, 2004.

Table 12.32-- EMPLOYMENT AND WAGES OF HAWAII'S 25 LARGEST OCCUPATIONS: MAY 2003

[In descending order by employment]

SOC Code 1/	Occupation title	Employment	Mean wage in dollars	
			Hourly	Annual 2/
41-2031	Retail Salespersons	22,020	10.13	21,070
35-3031	Waiters and Waitresses	14,770	10.59	22,030
43-9061	Office Clerks, General	13,970	11.33	23,570
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	12,960	9.76	20,300
41-2011	Cashiers	11,260	9.45	19,660
37-2012	Maids and Housekeeping Cleaners	10,040	11.39	23,690
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	9,880	8.15	16,950
33-9032	Security Guards	9,220	10.24	21,290
43-3031	Bookkeeping, Accounting, and Auditing Clerks	8,230	13.85	28,800
29-1111	Registered Nurses	7,560	28.12	58,490
49-9042	Maintenance and Repair Workers, General	6,590	15.49	32,210
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	6,290	21.43	44,580
37-3011	Landscaping and Groundskeeping Workers	6,280	11.58	24,080
35-2014	Cooks, Restaurant	6,260	11.99	24,940
43-5081	Stock Clerks and Order Fillers	6,240	11.07	23,020
43-6014	Secretaries, Except Legal, Medical, and Executive	6,160	15.29	31,800
11-1021	General and Operations Managers	5,980	42.22	87,820
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	5,770	16.79	34,920
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	5,510	12.40	25,790
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	5,340	7.55	15,690
43-4051	Customer Service Representatives	5,260	14.05	29,230
35-2021	Food Preparation Workers	5,100	9.95	20,700
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	5,100	18.51	38,490
53-3033	Truck Drivers, Light Or Delivery Services	4,600	11.93	24,810
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	4,470	9.65	20,070

1/ Standard Occupational Classification (SOC) system.

2/ Annual wages have been calculated by multiplying the hourly mean wage by a "year-round, full-time" hours figure of 2,080 hours; for those occupations where there is not an hourly mean wage published, the annual wage has been directly calculated from the reported survey data.

Source: U.S. Bureau of Labor Statistics, Occupational Employment Statistics, "May 2003 State Occupational Employment and Wage Estimates Hawaii" <http://stats.bls.gov/oes/2003/may/oes_hi.htm#b00-0000> accessed June 4, 2004.

Table 12.33-- EMPLOYMENT AND WAGES OF HONOLULU METROPOLITAN STATISTICAL AREA'S 25 LARGEST OCCUPATIONS: 2002

[In descending order by employment. Self-employed are excluded]

SOC Code 1/	Occupation title	Employment	Mean wage in dollars	
			Hourly	Annual 2/
41-2031	Retail Salespersons	15,040	10.01	20,830
43-9061	Office Clerks, General	9,910	11.53	23,980
35-3031	Waiters and Waitresses	9,230	9.78	20,340
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	9,230	9.42	19,600
33-9032	Security Guards	7,670	9.88	20,540
41-2011	Cashiers	7,660	9.87	20,530
25-2021	Elementary School Teachers, Except Special Education	6,350	2/	40,220
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	6,020	6.97	14,500
43-3031	Bookkeeping, Accounting, and Auditing Clerks	5,950	13.95	29,030
29-1111	Registered Nurses	5,700	28.26	58,770
43-4051	Customer Service Representatives	5,670	13.77	28,640
37-2012	Maids and Housekeeping Cleaners	5,130	11.08	23,040
11-1021	General and Operations Managers	4,900	40.60	84,440
49-9042	Maintenance and Repair Workers, General	4,810	14.90	30,990
43-5081	Stock Clerks and Order Fillers	4,750	11.75	24,440
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	4,740	21.52	44,760
43-6014	Secretaries, Except Legal, Medical, and Executive	4,520	15.50	32,240
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	3,850	18.14	37,740
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	3,850	12.97	26,970
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	3,840	17.16	35,690
35-2021	Food Preparation Workers	3,800	10.51	21,860
25-2031	Secondary School Teachers, Except Special and Vocational Education	3,750	2/	42,110
35-2014	Cooks, Restaurant	3,690	10.64	22,130
25-9041	Teacher Assistants	3,560	2/	20,290
37-3011	Landscaping and Groundskeeping Workers	3,320	11.55	24,030

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, "2003 Metropolitan Area Occupational Employment and Wage Estimates Honolulu, HI MSA" <http://www.bls.gov/oes/2002/oes_3320.htm> accessed June 4, 2004.

Table 12.34-- EMPLOYMENT AND WAGES OF HONOLULU METROPOLITAN STATISTICAL AREA'S 25 LARGEST OCCUPATIONS: MAY 2003

[In descending order by employment. Self-employed are excluded]

SOC Code 1/	Occupation title	Employment	Mean wage in dollars	
			Hourly	Annual 2/
41-2031	Retail Salespersons	15,510	10.07	20,950
43-9061	Office Clerks, General	10,470	11.32	23,550
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	9,420	9.53	19,820
35-3031	Waiters and Waitresses	8,820	10.39	21,600
33-9032	Security Guards	7,380	10.06	20,920
41-2011	Cashiers	7,370	9.42	19,580
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	7,140	8.01	16,660
43-3031	Bookkeeping, Accounting, and Auditing Clerks	5,950	13.88	28,870
37-2012	Maids and Housekeeping Cleaners	5,740	10.95	22,780
29-1111	Registered Nurses	5,590	28.78	59,850
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	4,720	22.23	46,230
43-6014	Secretaries, Except Legal, Medical, and Executive	4,660	15.53	32,310
49-9042	Maintenance and Repair Workers, General	4,540	15.37	31,960
43-5081	Stock Clerks and Order Fillers	4,450	11.36	23,620
11-1021	General and Operations Managers	4,280	42.61	88,620
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	4,280	7.28	15,140
43-4051	Customer Service Representatives	4,240	13.96	29,040
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	4,220	18.25	37,960
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	3,900	12.97	26,970
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	3,800	16.53	34,390
35-2014	Cooks, Restaurant	3,530	11.17	23,230
13-2011	Accountants and Auditors	3,440	24.71	51,400
53-3033	Truck Drivers, Light Or Delivery Services	3,390	11.46	23,830
35-2021	Food Preparation Workers	3,370	9.69	20,160
37-3011	Landscaping and Groundskeeping Workers	3,190	11.33	23,560

1/ Standard Occupational Classification (SOC) system.

2/ Annual wages have been calculated by multiplying the hourly mean wage by a "year-round, full-time" hours figure of 2,080 hours; for those occupations where there is not an hourly mean wage published, the annual wage has been directly calculated from the reported survey data.

Source: U.S. Bureau of Labor Statistics, Occupational Employment Statistics, "May 2003 Metropolitan Area Occupational Employment and Wage Estimates Honolulu, HI MSA" <http://www.bls.gov/oes/2003/may/oes_3320.htm> accessed June 4, 2004.

Table 12.35-- ANNUAL COMPENSATION OF 25 HIGHEST PAID EXECUTIVES OF HAWAII-BASED PUBLIC FIRMS: 1998 TO 2002

Annual compensation 1/	1999	2000	2001	2002
Number of firms	7	7	9	9
Number of executives	17	17	25	25
Less than \$249,999	-	-	-	-
\$250,000 to \$499,999	4	3	9	11
\$500,000 to \$999,999	10	10	12	8
\$1,000,000 to \$1,999,999	3	4	3	5
\$2,000,000 or more	-	-	1	1
Highest (\$1,000)	1,535	1,611	2,387	2,127

1/ Includes salary, bonus, stock awards, payments under the companies' long-term incentive plans, and other compensation.

Source: *Pacific Business News*, "Highest-paid executives of Hawaii-based public firms", September 12, 2003.

Table 12.36-- MINIMUM WAGE CHRONOLOGY: 1942 TO 2003

[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	1980	3.10
1943	0.30	0.25	1964 2/	1.25	1981	3.35
1945	0.40	0.40	1969	1.40	1988 2/	3.85
1953	0.65	0.55	1970 2/	1.60	1992 3/	4.75
1955	0.75	0.65	1974	2.00	1993 2/	5.25
1957	0.90	0.85	1975 2/	2.40	2002 2/	5.75
1958	1.00	1.00	1978	2.65	2003 2/	6.25
			1979	2.90		

1/ At inception of minimum wage law, April 1, 1942.

2/ As of January 1.

3/ As of April 1.

Source: Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office <http://www.hawaii.gov/dlir/rs/loihi/OMI/OTHER/MIN_WAGE.HTM> accessed July 23, 2004 and records.

Table 12.37-- COMPENSATION OF LEADERS OF LARGE LABOR UNIONS: 2002 - 2004

[In order of decreasing total compensation. Hawai State Teachers Association, with 13,000 with members, declined to disclose its top leader's compensation]

Executive	Labor union	No. of members	Fiscal year	Total	Salary	Other compensation
Gary Rodrigues 1/ State Director	United Public Workers Local 646	15,603	2002	273,746	273,746	-
Lynn Kinney Secretary	Painters AFL-CIO Local 1791	1,458	2002	228,690	209,364	19,326
Ronald Taketa Fin. Sec./Bus. Rep	United Brotherhood of Carpenters Local 745	4,363	2003	193,255	184,880	8,375
Herbert Kaopua Financial Secretary	Plumbers AFL-CIO Local 675	1,534	2002	166,969	160,903	6,066
Benjamin Saguibo Bus. Mgr./Treas.	Laborers AFL-CIO	3,800	2002	130,661	124,863	5,798
Russell K. Okata Executive Director	Hawaii Gov't Employees Ass'n AFSCME Local 152	42,000	2004	128,688	128,688	-
Harry Kameenui Bus. Mgr/Fin. Sec.	IBEW Local 1260	2,815	2002	124,292	121,442	2,850
Thaddeus Tomei Bus. Rep./Fin. Sec.	Elevator Constructors AFL-CIO Local 126	193	2003	116,416	97,407	19,009
Harold Bradshaw Fin. Sec./Bus. Mgr	Sheet Metal Workers AFL-CIO Local 293	640	2003	112,046	107,021	5,025
Jerry Ahue President	Communications Workers AFL-CIO Local 14921	189	2003	109,133	100,595	8,538
Susan Scheider 2/ Director	Collective Bargaining Org. of the Hawaii Nurses Ass'n.	3,500	2003	(NA)	102,000	(NA)
Eusebio Lapenia Jr. 2/ President	Int'l Longshore Emp. & Warehouse Local 142	17,435	2002	85,288	69,347	15,941
Melvin Kahele President	Teamsters AFL-CIO Local 996	4,925	2002	83,886	79,800	4,086
Orlando Soriano 2/ President	Hotel Emp. & Restaurant Emp. Local 5	10,704	2002	72,197	72,197	-
Gerald Yuh 3/ Bus. Mgr./Fin. Sec.	Electrical Workers IBEW Local 1186	2,500	2002	63,883	60,704	3,179

1/ Convicted of mail fraud, embezzling union money and related charges. Mr. Rodrigues is free on appeal.

2/ No longer with the organization.

3/ His predecessor, Thomas Fujikawa, had a total compensation of \$137,686 in 2001.

Source: *Honolulu Advertiser*, "Executive pay detailed" (May 2, 2004)

<<http://the.honoluluadvertiser.com/dailypix/2004/May/02/bz02chart4.gif>> based on Guidestar.org and U.S. Department of Labor.

**Table 12.38-- AVERAGE AND TOTAL WEEKLY HOURS AT WORK:
1997 TO 2002**

[In thousands of persons and number of hours]

	1997	1998	1999	2000	2001	2002
Weekly hours at work	528	532	536	544	550	534
1 to 14 hours	26	25	25	26	28	24
15 to 29 hours	80	75	77	74	75	70
30 to 34 hours	49	59	44	39	48	39
35 to 39 hours	28	28	25	29	31	24
40 hours	221	217	230	243	235	253
41 to 48 hours	37	42	45	43	42	38
49 hours and over	87	87	90	91	91	87
Average hours						
Total at work	(NA)	38.3	38.4	40.3	38.4	38.6
Persons who usually work full-time	(NA)	42.4	42.7	43.9	42.4	42.3

NA Not available.

Source: U.S. Department of Labor, Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment, 2002*, Bulletin 2564 (February 19, 2004), table 19
<http://www.bls.gov/opub/gp/pdf/gp02_19.pdf> accessed March 31, 2004, and earlier reports.

Table 12.39-- INTERSTATE MOVEMENT OF JOB-SEEKERS PARTICIPATING IN THE UNEMPLOYMENT INSURANCE PROGRAM: 1949 TO 2003

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	1976	7,458	8,334	112
1950	966	1,105	114	1977	5,846	8,154	139
1951	377	1,139	302	1978	4,313	6,261	145
1952	455	1,667	366	1979	4,272	5,250	123
1953	576	1,775	308	1980	5,211	4,956	95
1954	907	1,698	187	1981	5,485	4,396	80
1955	665	1,812	272	1982	5,372	4,848	90
1956	686	1,617	236	1983	4,414	4,659	106
1957	1,100	1,813	165	1984	4,123	4,220	102
1958	1,547	2,219	143	1985	4,039	3,993	99
1959	1,280	2,126	166	1986	3,664	3,932	107
1960	1,716	2,595	151	1987	3,805	3,161	83
1961	2,863	3,235	113	1988	3,942	2,974	75
1962	2,966	3,594	121	1989	3,961	2,679	68
1963	2,683	3,787	141	1990	5,275	2,910	55
1964	2,572	3,705	144	1991	7,197	3,453	48
1965	2,257	3,411	151	1992	9,554	4,432	46
1966	1,859	2,655	143	1993	9,543	4,356	46
1967	2,196	3,102	141	1994	10,121	4,229	42
1968	2,014	2,896	144	1995	10,115	4,000	40
1969	2,652	3,600	136	1996	8,633	3,338	39
1970	5,078	6,062	119	1997	7,051	2,044	29
1971	6,215	6,908	111	1998	4,366	1,502	34
1972	6,124	5,994	98	1999	3,511	1,098	31
1973	5,255	6,116	116	2000	2,845	903	32
1974	5,924	6,988	118	2001	3,423	665	19
1975	7,607	8,785	115	2002	3,223	574	18
1976	7,458	8,334	112	2003	2,826	527	19

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 Mainland workers filing claims for unemployment insurance and registered for work with the Hawaii State Employment Service.

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

**Table 12.40-- NONFATAL OCCUPATIONAL INJURIES AND ILLNESSES,
PRIVATE INDUSTRY: 1995 TO 2002**

[Numbers in thousands. Industries according to Standard Industrial Code (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]

	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

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 restriction, 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 21, 2004.

Table 12.41-- FATAL OCCUPATIONAL INJURIES BY EVENT OR EXPOSURE: 1991 TO 2001

[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	1991 to 1995	1992 to 1996	1993 to 1997	1994 to 1998	1995 to 1999	1996 to 2000	1997 to 2001
Total	129	126	117	103	114	110	124
Homicides	15	12	13	12	22	22	26
Aircraft incidents	17	22	19	18	19	17	17
Highway incidents	8	12	12	12	12	12	10
Falls	13	14	10	9	11	11	11
Self-inflicted injuries	10	7	9	8	8	8	12
Struck by or caught in objects	6	4	5	5	7	7	16
Water vehicle accidents	9	14	10	8	7	7	(1/)
Oxygen deficiency (including drowning)	13	7	7	7	7	6	6
Pedestrian struck by vehicle	8	4	5	5	4	6	2/ 8
Nonhighway incidents 3/	10	11	9	8	6	5	5
Fires & explosions	4	6	6	4	5	5	(1/)
Inhalation or ingestion of substance	12	12	(1/)	(1/)	3	3	(1/)
Exposure to caustic, noxious, or allergic substances	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	3
Other	4	1	12	7	3	1	10

1/ Category not listed separately, may be included in "Other".

2/ Category in 1997 to 2001 is "Worker struck by vehicle, mobile equipment".

3/ Involve transportation accidents that occur on industrial, commercial, residential, or farm premises.

Source: Hawaii State Department of Labor and Industrial Relations, Research and Statistics Office, *Census of Fatal Occupational Injuries* (annual).

**Table 12.42-- WORK INJURIES, DEATHS, TIME LOST AND
COMPENSATION COSTS: 1990 TO 2002**

Year	Reported cases	Reported deaths	Time lost (compensated days)	Compensation costs (\$1,000)
1990	53,050	59	1,434,262	218,837
1991	56,738	51	1,636,375	234,971
1992	49,204	42	1,832,901	288,003
1993	46,762	33	1,957,217	323,763
1994	42,658	41	1,821,164	343,080
1995	37,476	26	1,571,539	326,123
1996	33,628	29	1,371,739	288,495
1997	33,255	30	1,258,468	254,915
1998	30,727	17	1,160,365	233,225
1999	30,309	26	1,108,149	222,056
2000	31,836	34	1,151,879	231,359
2001	30,179	34	1,263,787	252,041
2002	29,757	31	1,277,863	267,827

Source: Hawaii State Department of Labor and Industrial Relations, *Workers' Compensation Data Book* (annual) and <<http://www.loihi.state.hi.us/OMI/WC/WCDATABK.HTM>> accessed March 4, 2004; and for 2000 <<http://www.state.hi.us/dlir/rs/loihi/OMI/WC/WCBOOK2000.PDF>> accessed March 4, 2004; for 2001 <<http://www.state.hi.us/dlir/rs/loihi/OMI/WC/WCBOOK2001.PDF>> accessed July 17, 2003; and for 2002 <<http://www.state.hi.us/dlir/rs/loihi/OMI/WC/WCBOOK2002.PDF>> accessed March 4, 2004.

**Table 12.43-- UNION MEMBERSHIP AND EARNINGS, 1988, 1993, AND 1998,
AND BY SECTOR, 1998**

Subject	1988	1993	1998		
			Total	Private sector workers	Public sector workers
Sample size	1,842	1,727	1,514	1,199	315
Employment (1,000)	441.5	490.7	491.8	390.4	101.4
Percent union members	30.5	28.1	1/ 26.5	19.4	53.7
Percent covered by collective bargaining agreement	32.9	31.3	2/ 27.7	20.1	57.3
Mean earnings (1996 dollars):					
Weekly	584	588	3/ 545	527	615
Hourly	14.69	15.11	14.02	13.70	15.25
Union workers:					
Employment (1,000)	134.5	137.8	130.2	75.7	54.5
Mean earnings (1996 dollars):					
Weekly	663	685	664	643	693
Hourly	16.59	17.09	16.75	16.91	16.53
Nonunion workers:					
Employment (1,000)	307.0	352.9	361.6	314.7	46.9
Mean earnings (1996 dollars):					
Weekly	549	551	503	500	523
Hourly	13.86	14.33	13.04	12.93	13.77

1/ The U.S. percentage was 13.9. Hawaii ranked 1st among the 50 states.

2/ The U.S. percentage was 15.4. Hawaii ranked 1st among the 50 states.

3/ The U.S. mean was \$577. Hawaii ranked 26th among the 50 states.

Source: Barry T. Hirsch and David A. MacPherson, *Union Membership and Earnings Data Book: Compilations from the Current Population Survey (1999 Edition)*, The Bureau of National Affairs, Inc., 1999, tables 5a, 5b, and 5c.

Table 12.44-- UNION AFFILIATION OF EMPLOYED WAGE AND SALARY WORKERS: 2001 TO 2003

[Data refer to the sole or principal job of full- and part-time workers. Excluded are all self-employed workers regardless of whether or not their businesses are incorporated]

Subject	2001	2002 1/	2003
Total employed (1,000)	522	490	511
Members of unions (1,000) 2/	123	120	122
Percent of employed	23.7	24.5	23.8
Represented by unions (1,000) 3/	136	124	127
Percent of employed	26.0	25.3	24.8

1/ Revised from previous *Data Book*.

2/ Members of a labor union or an employee association similar to a union.

3/ Members of a labor union or an employee association similar to a union as well as workers who report no union affiliation but whose jobs are covered by a union or an employee association contract.

Source: U.S. Department of Labor, Bureau of Labor Statistics, *Annual, Union Members*, table 5
<<http://www.bls.gov/news.release/union2.t05.htm>> accessed February 10, 2004.

Table 12.45-- LABOR UNIONS AND MEMBERSHIP: 2003

Subject	Total	AFL-CIO affiliated	Independent
Unions Membership	113 1/ 2/ 166,955	99 1/ 143,443	14 2/ 23,512

1/ Excluded are seven unions not reporting membership for Hawaii: Bricklayers & Allied Craftsmen, International Union of Local 1; Electrical Workers Hawaii Local 368-E; Graphic Communications International Union Local 501-M; Hawaii Printing and Graphic Communications Union Local 413-N; Marine Firemen, Oilers, Watertenders and Wipers Association, Pacific Coast; 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); Hotel Employees & Restaurant Employees Local 5 (10,500); Longshore and Warehouse Union, International Local 142 (22,000); Teamsters, Chauffeurs, Warehousemen and Helpers of America, International Brotherhood Airlines Division, Local 986 (16,000).

2/ Included are two unions that submitted membership figures which were estimates: Industrial Workers of the World Oahu General Membership Branch; State of Hawaii Organization of Police Officers (SHOPO). The largest memberships reported: Collective Bargaining Organization of Hawaii Nurses' Association (3,100); Hawaii State Teachers Association (13,076).

Source: Hawaii State AFL-CIO, *Directory of Labor Organizations and Affiliates, 2003-2004*.

**Table 12.46-- STATE AND COUNTY EMPLOYEES IN COLLECTIVE
BARGAINING UNITS, BY EMPLOYING JURISDICTION: 1999 TO 2003**

[As of December 31]

Employing jurisdiction	1999	2000	2001	2002	2003
Total	54,778	56,426	58,084	1/ 59,320	58,079
State of Hawaii	23,484	22,052	22,639	21,454	20,746
City and County of Honolulu	7,995	7,945	8,077	1/ 7,907	7,924
County of Hawaii	1,815	1,852	1,874	1,834	1,874
County of Maui	1,632	1,670	1,705	1,776	1,780
County of Kauai	875	881	908	1/ 918	921
Dept. of Education	13,113	13,276	13,707	13,710	13,517
Judiciary	1,434	1,445	1,484	1,546	1,485
University of Hawaii	4,430	4,539	4,613	6,321	6,516
Hawaii Health Systems Corporation	2/	2,766	3,077	3,854	3,316

1/ Revised from previous *Data Book*.

2/ Included in 'State of Hawaii'.

Source: Hawaii Labor Relations Board, *HLRB Informational Bulletin, No. 41*, April 2, 2003 and as revised August 12, 2003; *Ibid. No. 42*, May 14, 2004 and earlier issues.

Table 12.47-- COLLECTIVE BARGAINING AGREEMENTS: 1964 TO 2004

Year	Number of agreements	Workers covered		Year	Number of agreements	Workers covered	
		Total	Per agreement			Total	Per agreement
1964	275	(NA)	(NA)	1985	350	58,450	167
1965	309	31,500	102	1986	138	13,550	98
1966	277	23,800	86	1987	1,375	80,400	58
1967	257	15,900	62	1988	433	16,290	38
1968	172	15,400	90	1989	104	50,950	490
1969	296	19,100	65	1990	194	24,300	125
1970	190	14,900	78	1991	107	23,700	221
1971	151	9,800	65	1992	1,413	21,400	15
1972	511	47,100	92	1993	369	65,900	179
1973	390	28,000	72	1994	84	8,000	95
1974	223	34,700	156	1995	270	57,300	212
1975	1,265	36,100	29	1996	136	49,250	362
1976	380	57,450	151	1997	1,334	62,800	47
1977	2,255	87,350	39	1998	786	18,900	24
1978	967	29,500	31	1999	123	65,890	535
1979	312	61,600	198	2000	1/	1/	1/
1980	2,298	49,900	22	2001	1/	1/	1/
1981	267	53,700	201	2002	1,187	21,550	18
1982	379	27,400	72	2003	252	69,800	277
1983	1,019	68,000	67	2004	71	8,900	125
1984	901	26,200	29				

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, 2004* (December 2003), p. 1.

Table 12.48-- WORK STOPPAGES: 1990 TO 2003

[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)

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 2003**

Year	Number of stoppages begun in year	Workers involved 1/	Man-days idle during year	Percent of estimated nonagricultural working time
1983	1	2,800	5,600	0.01
1984	1	1,000	70,000	0.01
1985	1	1,000	11,000	0.01
1986-1993	-	-	-	-
1994	1	15,800	136,500	(NA)
1995-1997	-	-	-	-
1998	-	-	-	-
1999	-	-	-	-
2000	-	-	-	-
2001	2	15,100	195,900	(NA)
2002	1	1,170	(NA)	(NA)
2003	2	2,470	(NA)	(NA)

NA Not available.

1/ Workers counted more than once if involved in more than one stoppage during year.

Source: U.S. Department of Labor, Bureau of Labor Statistics, 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 state product and to the distribution of income to families, households and individuals. Specifically, information is given on gross state 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: 2003*, Section 13.

**Table 13.01-- DIRECT INCOME FROM MAJOR EXPORT INDUSTRIES:
1974 TO 2002**

[In millions of dollars]

Year	Value of production		Defense expenditures 2/	Visitor expenditures 3/
	Raw sugar and molasses 1/	Fresh and 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	2,197.7	3,847.2
1984	393.0	249.6	2,324.9	4,441.9
1985	340.8	222.5	2,551.6	5,081.4
1986	361.9	238.4	2,484.7	5,917.8
1987	335.9	251.4	2,502.9	6,676.3
1988	324.0	247.0	2,564.1	8,303.8
1989	322.0	241.9	2,805.8	8,905.1
1990	328.9	215.9	2,602.6	9,082.1
1991	270.7	224.6	2,935.8	9,817.7
1992	237.6	197.7	2,895.8	9,310.9
1993	251.9	140.6	2,928.2	8,472.3
1994	247.9	134.1	3,212.2	10,253.9
1995	200.2	135.0	2,900.6	11,107.2
1996	168.8	147.0	3,258.1	10,166.8
1997	132.5	136.7	3,178.6	10,491.0
1998	133.1	145.1	3,394.4	4/ 9,791.8
1999	131.3	144.8	3,355.8	4/ 9,777.8
2000	95.9	132.2	3,473.0	4/ 10,397.3
2001	90.6	136.6	3,727.6	4/ 9,194.6
2002	100.3	144.0	4,304.8	9,993.8

NA not available.

1/ Excludes government sugar support payments.

2/ Fiscal year ending September 30. Sum of categories "Wages and salaries" and "Procurement", excludes Grants to State and local government, Retirement and disability, direct payments to individuals, and direct payments to other than individuals.

3/ Direct visitor expenditures in Hawaii, exclusive of transpacific transportation. Estimates for 1984 and earlier years also exclude additional business expenditures by MCI (meetings, conventions, and incentive) visitors.

4/ Revised 1998-2001 data had been introduced in Data Book 2002 which reflects a new methodology implemented for calculating visitor expenditures. Revision of earlier years is underway.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaiian Agriculture* (annual), records, and for 2001-2002 <http://www.nass.usda.gov/hi/stats/t_of_c.htm> accessed February 12, 2004; Hawaii State Department of Business, Economic Development & Tourism, Tourism Research Branch, *Annual Visitor Research Report* (annual) and records, and U.S. Census Bureau, *Consolidated Federal Funds Report* (annual) and for 1993-2002<<http://harvester.census.gov/cffr/index.html>> accessed June 5, 2003.

Table 13.02-- GROSS STATE PRODUCT, PER CAPITA GROSS STATE PRODUCT AND RESIDENT POPULATION: 1977 TO 2001

[Current and real dollar GSP series for 1999-2000 were revised based on Gross State Product revision released by U.S. Bureau of Economic Analysis, May 22, 2003. 1977-1985 estimates of Real GSP were calculated by multiplying the Real dollar GSP for 1996, the base year, by the Chained 1996 quantity index for the years 1977-1985 divided by 100. Per capita estimates were calculated by DBEDT using U.S. Census resident population estimates revised on December 20, 2002 and have been revised for 1977 to 2000]

Year	Gross state product		Per capita gross state product		Resident Population 1/
	Millions of current dollars	Millions of 1996 dollars	Current dollars	1996 dollars	
1977	9,390	23,506	10,254	25,669	915,749
1978	10,520	24,556	11,326	26,438	928,816
1979	11,978	25,943	12,608	27,307	950,050
1980	13,435	26,618	13,883	27,506	967,710
1981	14,524	26,093	14,848	26,675	978,195
1982	15,506	26,093	15,603	26,256	993,780
1983	16,909	27,030	16,697	26,691	1,012,717
1984	18,550	27,855	18,046	27,098	1,027,922
1985	19,991	28,567	19,228	27,477	1,039,698
1986	21,536	29,464	20,476	28,014	1,051,762
1987	23,421	30,913	21,931	28,947	1,067,917
1988	26,019	33,028	24,096	30,586	1,079,827
1989	28,811	35,309	26,321	32,258	1,094,588
1990	32,268	38,134	28,979	34,247	1,113,491
1991	34,002	38,516	29,911	33,882	1,136,754
1992	35,549	39,120	30,682	33,765	1,158,613
1993	36,308	38,809	30,957	33,090	1,172,838
1994	36,766	38,332	30,960	32,279	1,187,536
1995	37,243	37,948	31,117	31,706	1,196,854
1996	37,490	37,490	31,144	31,144	1,203,755
1997	38,537	37,668	31,806	31,088	1,211,640
1998	39,371	37,622	32,398	30,959	1,215,233
1999	40,662	38,047	33,597	31,436	1,210,300
2000	42,524	38,860	35,066	32,045	1,212,670
2001	43,710	38,839	35,623	31,653	1,227,024

1/ 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.

Source: U.S. Bureau of Economic Analysis, Gross State Product By Industry: 1977-2000, June 10, 2002 and <<http://www.bea.doc.gov/bea/regional/data.html>> accessed June 10, 2002; and U.S. Census Bureau, Population Division, "Table CO-EST2001-12-15 - Time Series of Hawaii Intercensal Population Estimates by County: April 1, 1990 to April 1, 2000" (April 17, 2002) <<http://eire.census.gov/popest/data/counties/tables/CO-EST2001-12/CO-EST2001-12-15.php>> accessed June 19, 2002; and "Table ST-2001EST-01 - Time Series of State Population Estimates: April 1, 2000 to July 1, 2002" (December 20, 2002) and <<http://eire.census.gov/popest/data/states/tables/ST-EST2002-01.php>> accessed May 22, 2003.

**Table 13.03-- GROSS STATE PRODUCT,
HAWAII AND UNITED STATES: 1977 TO 2001**

[1977-1985 estimates of Real GSP were calculated by multiplying the Real dollar GSP for 1996, the base year, by the Chained 1996 quantity index for the years 1977-1985 divided by 100]

Year	Hawaii			United States		
	Millions of dollars		Chained 1996 quantity index (1996=100)	Millions of dollars		Chained 1996 quantity index [1996=100]
	Current	Real chained (1996) dollars		Current	Real chained (1996) dollars	
1977	9,390	23,506	62.7	1,985,693	4,521,518	58.6
1978	10,520	24,556	65.5	2,249,045	4,768,427	61.8
1979	11,978	25,943	69.2	2,503,867	4,915,029	63.7
1980	13,435	26,618	71.0	2,731,618	4,907,313	63.6
1981	14,524	26,093	69.6	3,069,751	5,030,767	65.2
1982	15,506	26,093	69.6	3,217,626	4,945,893	64.1
1983	16,909	27,030	72.1	3,446,583	5,092,495	66.0
1984	18,550	27,855	74.3	3,866,334	5,478,290	71.0
1985	19,991	28,564	76.2	4,151,449	5,702,051	73.9
1986	21,536	29,464	78.6	4,355,877	5,816,661	75.4
1987	23,421	30,913	82.5	4,683,245	6,072,815	78.7
1988	26,019	33,028	88.1	5,092,174	6,386,132	82.8
1989	28,811	35,309	94.2	5,411,353	6,538,634	84.7
1990	32,268	38,134	101.7	5,706,658	6,630,740	85.9
1991	34,002	38,516	102.7	5,895,430	6,615,685	85.7
1992	35,549	39,120	104.3	6,209,096	6,774,505	87.8
1993	36,308	38,809	103.5	6,513,026	6,918,388	89.7
1994	36,766	38,332	102.2	6,930,791	7,203,002	93.4
1995	37,243	37,948	101.2	7,309,516	7,433,965	96.3
1996	37,490	37,490	100.0	7,715,901	7,715,901	100.0
1997	38,537	37,668	100.5	8,224,960	8,093,396	104.9
1998	39,371	37,622	100.4	8,750,174	8,502,663	110.2
1999	40,662	38,047	101.5	9,251,541	8,882,613	115.1
2000	42,524	38,860	103.7	9,891,187	9,298,227	120.5
2001	43,710	38,839	103.6	10,137,190	9,335,399	121.0

Source: U.S. Bureau of Economic Analysis, Gross State Product By Industry: 1977-2001, May 22, 2003 and <<http://www.bea.doc.gov/bea/regional/gsp/>> accessed May 22, 2003; and calculations by Hawaii Department of Business, Economic Development & Tourism.

Table 13.04-- GROSS STATE PRODUCT, BY INDUSTRY: 1977 TO 2001

[In millions of current dollars. GSP 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.
Data for 1999-2000 are revised]

Industry	1977	1982	1987	1992	1997	1998	1999	2000	2001
Total, all industries	9,390	15,506	23,421	35,549	38,537	39,371	40,662	42,524	43,710
Private industries	6,785	11,418	17,897	27,875	30,066	30,745	31,784	33,500	34,310
Agriculture, forestry, fisheries	217	340	445	499	463	472	489	497	504
Farms	187	293	343	311	282	288	297	287	288
Ag. serv. forestry, fisheries	31	47	102	188	181	184	192	210	216
Mining	1/	3	14	39	44	41	39	44	33
Construction	577	735	1,174	2,200	1,612	1,618	1,648	1,843	1,891
Manufacturing	518	698	1,005	1,254	1,063	1,013	1,202	1,208	1,173
Transp. commun, utilities	943	1,469	2,343	3,413	3,915	3,963	4,070	4,160	4,085
Wholesale trade	456	652	910	1,369	1,481	1,506	1,544	1,633	1,632
Retail trade	993	1,632	2,526	3,812	4,332	4,335	4,485	4,710	4,915
Finance, insurance, real estate	1,588	3,159	5,109	8,005	8,737	9,175	9,370	9,859	10,057
Real estate	1,260	2,461	3,824	6,454	7,120	7,154	7,405	7,595	7,780
Services	1,492	2,731	4,371	7,285	8,419	8,622	8,937	9,545	10,019
Hotels	427	768	1,097	1,701	2,106	2,056	2,141	2,378	2,432
Health services	312	603	988	1,766	2,134	2,219	2,240	2,384	2,490
Other than hotels and health	753	1,360	2,286	3,818	4,179	4,347	4,556	4,783	5,097
Government	2,604	4,088	5,523	7,674	8,471	8,626	8,878	9,024	9,400
Federal government	1,730	2,686	3,687	4,515	4,818	4,940	5,034	5,313	5,544
Civilian	681	1,125	1,414	1,730	2,004	2,127	2,201	2,355	2,409
Military	1,049	1,561	2,273	2,785	2,814	2,813	2,833	2,958	3,135
State and local government	874	1,402	1,836	3,159	3,653	3,686	3,845	3,711	3,855

1/ Less than \$500,000.

Source: U.S. Bureau of Economic Analysis, Gross State Product By Industry, May 22, 2003 and <<http://www.bea.doc.gov/bea/regional/gsp/>>, accessed May 22, 2003 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.05-- TOTAL AND PER CAPITA PERSONAL INCOME
FOR THE UNITED STATES AND HAWAII: 1969 TO 2003**

[1969-2002 income data are revised]

Year	Personal income (\$ million)		Resident population (1,000's) 1/		Per capita personal income		
	U.S.	Hawaii	U.S.	Hawaii	Dollars		Hawaii as percent of U.S. average
					U.S.	Hawaii	
1969	772,235.0	3,375.3	201,298	743	3,836	4,543	118.4
1970	832,429.0	3,886.0	203,799	763	4,085	5,094	124.7
1971	897,952.0	4,225.4	206,818	792	4,342	5,338	122.9
1972	987,137.0	4,652.8	209,275	818	4,717	5,687	120.6
1973	1,105,605.0	5,171.6	211,349	842	5,231	6,143	117.4
1974	1,217,556.0	5,944.9	213,334	858	5,707	6,928	121.4
1975	1,329,892.0	6,482.9	215,457	875	6,172	7,409	120.0
1976	1,469,467.0	7,041.4	217,554	892	6,754	7,891	116.8
1977	1,627,310.0	7,649.6	219,761	916	7,405	8,353	112.8
1978	1,831,117.0	8,464.9	222,098	929	8,245	9,114	110.5
1979	2,053,827.0	9,602.1	224,569	950	9,146	10,107	110.5
1980	2,298,255.0	11,073.0	227,225	968	10,114	11,443	113.1
1981	2,580,600.0	12,014.9	229,466	978	11,246	12,283	109.2
1982	2,764,886.0	12,714.9	231,664	994	11,935	12,794	107.2
1983	2,949,883.0	14,087.0	233,792	1,013	12,618	13,910	110.2
1984	3,275,805.0	15,352.1	235,825	1,028	13,891	14,935	107.5
1985	3,511,344.0	16,310.9	237,924	1,040	14,758	15,688	106.3
1986	3,708,199.0	17,225.1	240,133	1,052	15,442	16,377	106.1
1987	3,934,655.0	18,385.9	242,289	1,068	16,240	17,217	106.0
1988	4,237,460.0	20,161.5	244,499	1,080	17,331	18,671	107.7
1989	4,571,133.0	22,462.1	246,819	1,095	18,520	20,521	110.8
1990	4,861,936.0	24,704.0	249,623	1,113	19,477	22,186	113.9
1991	5,032,196.0	26,026.5	252,981	1,137	19,892	22,895	115.1
1992	5,349,384.0	27,909.7	256,514	1,159	20,854	24,089	115.5
1993	5,548,121.0	28,799.0	259,919	1,173	21,346	24,555	115.0
1994	5,833,906.0	29,424.1	263,126	1,188	22,172	24,777	111.7
1995	6,144,741.0	29,926.4	266,278	1,197	23,076	25,004	108.4
1996	6,512,485.0	30,122.3	269,394	1,204	24,175	25,024	103.5
1997	6,907,332.0	31,001.9	272,647	1,212	25,334	25,587	101.0
1998	7,415,709.0	31,756.7	275,854	1,215	26,883	26,132	97.2
1999	7,796,137.0	32,645.7	279,040	1,210	27,939	26,973	96.5
2000	8,422,074.0	34,450.9	282,178	1,212	29,847	28,417	95.2
2001	8,703,023.0	35,146.8	285,094	1,225	30,527	28,690	94.0
2002	8,900,007.0	37,064.4	287,974	1,241	30,906	29,875	96.7
2003	9,199,007.8	38,876.3	290,810	1,258	31,632	30,913	97.7

1/ Resident population as of July 1 of year indicated.

Source: U.S. Bureau of Economic Analysis, State Personal Income, April 27, 2004

<<http://www.bea.gov/bea/regional/spi/>> accessed April 27, 2004; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.06-- TOTAL AND PER CAPITA DISPOSABLE PERSONAL INCOME
FOR THE UNITED STATES AND HAWAII: 1969 TO 2003**

[1969-2002 income data are revised]

Year	Disposable personal income (\$ millions)		Resident population (1,000's) 1/		Per capita disposable personal income		
	U.S.	Hawaii	U.S.	Hawaii	Dollars		Hawaii as percent of U.S. average
					U.S.	Hawaii	
1969	668,431.0	2,892.6	201,298	743	3,321	3,893	117.2
1970	730,003.0	3,348.4	203,799	763	3,582	4,389	122.5
1971	796,776.0	3,702.5	206,818	792	3,853	4,677	121.4
1972	864,050.0	4,023.7	209,275	818	4,129	4,918	119.1
1973	973,708.0	4,485.1	211,349	842	4,607	5,328	115.7
1974	1,067,041.0	5,183.3	213,334	858	5,002	6,040	120.8
1975	1,182,746.0	5,786.4	215,457	875	5,489	6,613	120.5
1976	1,297,655.0	6,238.6	217,554	892	5,965	6,991	117.2
1977	1,430,350.0	6,746.8	219,761	916	6,509	7,368	113.2
1978	1,602,345.0	7,408.6	222,098	929	7,215	7,976	110.5
1979	1,785,867.0	8,377.9	224,569	950	7,952	8,818	110.9
1980	2,000,112.0	9,684.0	227,225	968	8,802	10,007	113.7
1981	2,236,313.0	10,514.1	229,466	978	9,746	10,748	110.3
1982	2,411,721.0	11,337.3	231,664	994	10,410	11,408	109.6
1983	2,598,458.0	12,569.6	233,792	1,013	11,114	12,412	111.7
1984	2,899,298.0	13,747.7	235,825	1,028	12,294	13,374	108.8
1985	3,095,021.0	14,545.3	237,924	1,040	13,008	13,990	107.5
1986	3,271,998.0	15,322.2	240,133	1,052	13,626	14,568	106.9
1987	3,446,741.0	16,131.4	242,289	1,068	14,226	15,106	106.2
1988	3,733,639.0	17,664.1	244,499	1,080	15,271	16,358	107.1
1989	4,006,239.0	19,472.0	246,819	1,095	16,231	17,789	109.6
1990	4,270,546.0	21,455.6	249,623	1,113	17,108	19,269	112.6
1991	4,446,970.0	22,471.9	252,981	1,137	17,578	19,769	112.5
1992	4,739,861.0	24,588.8	256,514	1,159	18,478	21,223	114.9
1993	4,902,527.0	25,397.3	259,919	1,173	18,862	21,655	114.8
1994	5,144,175.0	25,970.7	263,126	1,188	19,550	21,869	111.9
1995	5,401,598.0	26,558.5	266,278	1,197	20,286	22,190	109.4
1996	5,681,339.0	26,585.8	269,394	1,204	21,089	22,086	104.7
1997	5,982,027.0	27,340.8	272,647	1,212	21,941	22,565	102.8
1998	6,389,738.0	27,910.1	275,854	1,215	23,163	22,967	99.2
1999	6,689,767.0	28,625.0	279,040	1,210	23,974	23,651	98.7
2000	7,187,588.0	30,111.4	282,178	1,212	25,472	24,837	97.5
2001	7,460,614.0	30,699.2	285,094	1,225	26,169	25,060	95.8
2002	7,848,231.0	33,054.7	287,974	1,241	27,253	26,643	97.8
2003	8,209,542.8	35,008.0	290,810	1,258	28,230	27,837	98.6

1/ Resident population as of July 1 of year indicated.

Source: U.S. Bureau of Economic Analysis, State Personal Income, April 27, 2004

<<http://www.bea.gov/bea/regional/spi/>> accessed April 27, 2004; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 13.07-- PERSONAL INCOME BY MAJOR SOURCES, BY SIC INDUSTRY:
1998 TO 2001**

[In millions of dollars. Industries are grouped according to the Standard Industrial Classification Code. 1998 to 2001 data are revised]

Item	1998	1999	2000	2001
PERSONAL INCOME	31,756.7	32,645.7	34,450.9	35,146.8
Earnings by place of work	24,412.5	25,133.1	26,478.3	27,163.5
Wage and salary disbursements	17,707.2	18,289.5	19,266.7	19,901.4
Suppl. to wages and salaries 1/	4,224.9	4,129.1	4,324.7	4,664.7
Proprietors' income	2,480.5	2,714.6	2,886.8	2,597.5
Farm proprietors' income	40.4	49.6	11.0	14.2
Nonfarm proprietors' income	2,440.2	2,665.0	2,875.9	2,583.3
Dividends, interest, and rent	6,099.9	6,191.2	6,567.2	6,412.3
Personal current transfer receipts 2/	3,735.9	3,882.4	4,073.7	4,342.7
Less: Contrib. for gov't social ins. 3/	2,491.6	2,561.0	2,668.3	2,771.7
Earnings by industry	24,412.5	25,133.1	26,478.3	27,163.5
Farm earnings	220.5	251.7	212.0	211.9
Nonfarm earnings	24,192.0	24,881.4	26,266.3	26,951.6
Private earnings	16,835.2	17,384.7	18,595.9	18,852.3
Ag. serv., forestry, fishing & oth.	145.8	151.5	162.0	162.5
Mining	27.9	31.0	33.8	33.3
Construction	1,391.4	1,402.4	1,568.0	1,592.7
Manufacturing	846.6	871.8	902.6	933.9
Durable goods	197.7	209.4	237.7	272.3
Nondurable goods	648.9	662.4	664.9	661.6
Transport. and public utilities	1,920.4	1,977.3	2,108.7	2,181.8
Wholesale trade	876.4	901.0	956.5	952.4
Retail trade	2,675.3	2,831.2	2,850.8	2,899.0
Finance, insur., and real estate	2,011.1	2,091.5	2,319.8	2,323.5
Services	6,940.2	7,127.0	7,693.8	7,773.1
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	8,099.3
Federal	4,291.0	4,339.9	4,592.6	4,831.9
Federal, civilian	1,872.5	1,917.8	2,062.9	2,090.9
Military	2,418.5	2,422.0	2,529.7	2,741.0
State and local	3,065.8	3,156.8	3,077.8	3,267.5
State government	2,241.8	2,322.5	2,274.0	2,385.3
Local government	824.0	834.3	803.8	882.2

Continued on next page.

**Table 13.07-- PERSONAL INCOME BY MAJOR SOURCES, 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/ 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.

3/ These contributions, which are subtracted in the calculation of personal income, 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, April 27, 2004
<<http://www.bea.doc.gov/bea/regional/spi>> accessed April 27, 2004; and calculations by Hawaii State Department of Business, Economic Development & Tourism. For discussion, see the *Survey of Current Business*, May 2004 "Comprehensive Revision of State Personal Income: Preliminary Estimates for 2003 and Revised Estimates for 1969-2002" <<http://www.bea.doc.gov/bea/ARTICLES/2004/05May/0504RevSPI.pdf>>.

**Table 13.08-- PERSONAL INCOME BY MAJOR SOURCES, BY NAICS
INDUSTRY: 2001 TO 2003**

[In millions of dollars. Industries are grouped according to the North American Industry Classification System effective 1997. 2001 and 2002 data are revised. 2003 data are preliminary]

Item	2001	2002	2003
PERSONAL INCOME	35,146.5	37,064.3	38,876.3
Earnings by place of work	27,163.5	28,788.0	30,556.3
Wage and salary disbursements	19,901.5	20,895.0	22,026.8
Suppl. to wages and salaries 1/	4,664.8	5,116.0	5,581.5
Proprietors' income	2,597.8	2,777.3	2,948.0
Farm proprietors' income	14.0	14.8	15.3
Nonfarm proprietors' income	2,583.3	2,762.3	2,933.0
Dividends, interest, and rent	6,412.3	6,520.5	6,518.8
Personal current transfer receipts 2/	4,342.8	4,723.3	4,961.5
Less: Contrib. for gov't social ins. 3/	2,771.8	2,967.5	3,160.5
Earnings by industry	27,163.8	28,788.0	30,556.0
Farm earnings	212.0	214.8	232.3
Nonfarm earnings	26,951.8	28,573.3	30,323.8
Private earnings	18,852.3	19,713.5	20,836.5
Forestry, fishing, related activities, and other	73.5	77.8	79.0
Mining	37.8	40.5	46.3
Utilities	219.0	225.0	243.8
Construction	1,705.0	1,865.8	2,050.8
Manufacturing	774.3	761.0	782.8
Durable goods manufacturing	(D)	(D)	(D)
Nondurable goods manufacturing	(D)	(D)	(D)
Wholesale trade	802.0	823.3	893.3
Retail Trade	2,084.3	2,118.0	2,221.3
Information	680.0	688.0	669.0
Finance and insurance	1,028.0	1,118.0	1,138.3
Real estate and rental and leasing	653.5	688.0	774.3
Professional and technical services	1,743.0	1,875.5	1,979.5
Management of companies and enterprises	400.8	474.5	494.3
Administrative and waste services	1,023.0	1,134.0	1,237.5
Educational services	379.0	403.5	436.5
Health care and social assistance	2,459.3	2,568.0	2,726.8
Accommodation and food services	2,297.3	2,360.5	2,502.5
Other services, except public administration	889.8	936.5	965.0
Government and government enterprises	8,099.3	8,859.8	9,487.5
Federal	4,831.8	5,203.8	5,634.0
Federal, civilian	2,091.0	2,270.5	2,447.5
Military	2,740.8	2,933.3	3,186.5
State and local	3,267.3	3,656.0	3,853.3

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**Table 13.08-- PERSONAL INCOME BY MAJOR SOURCES, BY NAICS
INDUSTRY: 2001 TO 2003 -- Con.**

D Estimate is suppressed to avoid disclosure of confidential information.

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/ 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.

3/ These contributions, which are subtracted in the calculation of personal income, 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, April 27, 2004
<<http://www.bea.doc.gov/bea/regional/spi>> accessed April 27, 2004; and calculations by Hawaii State Department of Business, Economic Development & Tourism. For discussion, see the *Survey of Current Business*, May 2004 "Comprehensive Revision of State Personal Income: Preliminary Estimates for 2003 and Revised Estimates for 1969-2002" <<http://www.bea.doc.gov/bea/ARTICLES/2004/05May/0504RevSPI.pdf>>.

**Table 13.09-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND
AND POPULATION BY COUNTY: 1969 TO 2002**

[Data for 1969-2001 are revised. Estimates incorporate the results of the comprehensive revision to state personal income released April 27,2004. The revised estimates also reflect the new and revised county-level source data. These estimates incorporate new OMB metropolitan area definitions released June 2003 (with revisions released February 2004) and Census Bureau midyear population estimates available as of April 2004]

Year	State total	City and County of Honolulu	Hawaii	Kauai	Maui and Kalawao
Total (\$ millions)					
1969	3,375.3	2,868.5	225.5	110.8	170.6
1970	3,886.0	3,299.2	267.7	120.0	199.0
1971	4,225.4	3,572.0	300.6	133.4	219.3
1972	4,652.8	3,937.3	331.9	142.2	241.4
1973	5,171.6	4,375.3	368.8	159.7	267.8
1974	5,944.9	4,859.7	507.8	219.0	358.4
1975	6,482.9	5,391.6	503.4	209.6	378.3
1976	7,041.4	5,863.8	529.5	226.4	421.7
1977	7,649.6	6,346.7	581.7	248.3	472.9
1978	8,464.9	7,018.5	646.4	272.9	527.1
1979	9,602.1	7,934.9	741.3	313.0	613.0
1980	11,073.0	9,012.5	935.4	388.2	736.8
1981	12,014.9	9,896.3	944.7	399.6	774.3
1982	12,714.9	10,446.7	995.2	432.9	840.1
1983	14,087.0	11,468.3	1,133.0	492.2	993.5
1984	15,352.1	12,593.3	1,188.1	511.7	1,059.1
1985	16,310.9	13,369.5	1,241.3	549.4	1,150.8
1986	17,225.1	14,035.1	1,342.1	592.6	1,255.4
1987	18,385.9	14,964.3	1,429.4	632.9	1,359.3
1988	20,161.5	16,320.1	1,557.9	748.2	1,535.3
1989	22,462.1	18,029.6	1,789.6	868.7	1,774.2
1990	24,704.0	19,757.6	1,999.6	954.2	1,992.6
1991	26,026.5	20,738.1	2,167.6	1,033.4	2,087.4
1992	27,909.7	22,218.1	2,300.6	1,090.6	2,300.3
1993	28,799.0	22,826.5	2,418.5	1,133.1	2,421.0
1994	29,424.1	23,221.3	2,497.3	1,181.3	2,524.2
1995	29,926.4	23,565.3	2,552.2	1,226.0	2,583.0
1996	30,122.3	23,646.0	2,626.4	1,221.4	2,628.4
1997	31,001.9	24,363.5	2,693.9	1,238.4	2,706.1
1998	31,756.7	24,770.7	2,865.4	1,272.5	2,848.2
1999	32,645.7	25,302.8	2,987.1	1,319.4	3,036.5
2000	34,450.9	26,604.8	3,195.3	1,410.1	3,240.7
2001	35,146.8	26,914.8	3,404.4	1,416.9	3,410.7
2002	37,064.4	28,300.7	3,645.6	1,506.9	3,611.2

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**Table 13.09-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND
POPULATION BY COUNTY: 1969 TO 2002-- Con.**

Year	State total	City and County of Honolulu	Hawaii	Kauai	Maui and Kalawao
Per capita (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	28,417	30,383	21,409	24,089	25,141
2001	28,690	30,497	22,431	24,002	25,901
2002	29,875	31,707	23,547	25,132	27,087

Continued on next page.

**Table 13.09-- PERSONAL INCOME, TOTAL AND PER CAPITA, AND
POPULATION BY COUNTY: 1969 TO 2002-- Con.**

Year	State total	City and County of Honolulu	Hawaii	Kauai	Maui and Kalawao
Population, as of July 1					
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	1,212,343	875,654	149,252	58,537	128,900
2001	1,225,038	882,550	151,773	59,031	131,684
2002	1,240,663	892,562	154,821	59,960	133,320

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Metropolitan Area Personal Income, May 25, 2004
<<http://www.bea.doc.gov/bea/regional/reis/>> accessed May 25, 2004 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 13.10-- ECONOMIC ESTIMATES AND PROJECTIONS: 2000 TO 2030

[See also Section 1 for population projections from the same source]

Year	Gross state product (millions of 2000 dollars)	Personal income		Labor income (millions of 2000 dollars)	Total civilian employment
		Total personal income (millions of 2000 dollars)	Per capita personal income (2000 dollars)		
2000	42,524.0	34,384.0	28,354.0	23,468.0	566,100
2005	47,167.7	39,631.0	31,023.5	27,001.1	593,376
2010	52,498.5	44,862.2	33,339.4	30,437.4	621,451
2015	58,807.5	50,940.6	35,940.2	34,028.6	647,372
2020	65,657.1	57,715.0	38,779.9	37,930.3	672,912
2025	73,313.9	65,203.8	41,822.6	42,284.2	698,967
2030	81,549.1	73,150.1	44,905.5	47,143.2	725,838

1/ Labor income is the sum of wage and salary disbursements, other labor income, and proprietors' income.

Source: Hawaii Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2030*, forthcoming <<http://www2.hawaii.gov/dbedt/>>.

Table 13.11-- 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 13.12-- MEDIAN INCOME OF FOUR-PERSON FAMILIES IN THE UNITED STATES AND HAWAII: 1974 TO 2002

[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) and the decennial census of population conducted by the Census Bureau, as well as per capita personal income estimates produced by the Bureau of Economic Analysis. The Census Bureau recommends 2-year averages to evaluate changes in state estimates over time, and 3-year averages to compare the relative ranking of states]

Calendar year 1/	United States (dollars)	Hawaii (dollars)	Hawaii rank 2/	Hawaii as percent of US
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 7/	62,732	67,564	13	107.7

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Table 13.12-- MEDIAN INCOME OF FOUR-PERSON FAMILIES IN THE UNITED STATES AND HAWAII: 1974 TO 2002 -- 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.

7/ Prepared specifically from the CPS 2003 Annual Social and Economic Supplement File, 2000 Decennial Census of Population and Housing, and 2002 per capita personal income estimates.

Source: U.S. Bureau of the Census, Median Income for 4-Person Families, By State, 1974-01 (FY 77-2004) <<http://www.census.gov/hhes/income/4person.html>> accessed June 1, 2004; and Federal Register: March 17, 2004 (Volume 69, Number 52) <<http://frwebgate.access.gpo.gov/cgi-bin/multidb.cgi>> accessed June 1, 2004 and calculations by Hawaii State Department of Business, Economic Development & Tourism.

Table 13.13- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 2-YEAR MOVING AVERAGES IN CONSTANT 2002 DOLLARS: 1984 TO 2002

[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 (dollars)	Percent change	Standard error
1984-1985	37,285	(NA)	153
1985-1986	38,311	2.8	167
1986-1987	39,157	2.2	162
1987-1988	39,553	1.0	162
1988-1989	40,125	1.4	175
1989-1990	40,217	0.2	175
1990-1991	39,370	-2.1	160
1991-1992	38,636	-1.9	151
1992-1993	38,385	-0.6	148
1993-1994	38,507	0.3	146
1994-1995	39,328	2.1	168
1995-1996	40,217	2.3	179
1996-1997	40,925	1.8	162
1997-1998	42,095	2.9	183
1998-1999 2/	43,380	3.1	189
1999 2/-2000 3/	43,882	1.2	142
2000 3/-2001	43,374	-1.2	110
2001-2002	42,654	-1.7	111

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Table 13.13- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 2-YEAR MOVING AVERAGES IN CONSTANT 2002 DOLLARS: 1984 TO 2002 -- Con.

Year	Median income, 2-year moving averages 1/		
	Hawaii (dollars)	Percent change	Standard error
1984-1985	46,865	(NA)	1,772
1985-1986	45,784	-2.3	1,727
1986-1987	49,211	7.5	1,445
1987-1988	50,628	2.9	1,565
1988-1989	48,653	-3.9	1,656
1989-1990	50,498	3.8	1,539
1990-1991	49,943	-1.1	1,638
1991-1992	50,429	1.0	1,605
1992-1993	52,592	4.3	1,629
1993-1994	51,501	-2.1	2,091
1994-1995	50,465	-2.0	1,860
1995-1996	48,941	-3.0	1,521
1996-1997	46,703	-4.6	1,539
1997-1998	45,360	-2.9	1,740
1998-1999 2/	46,504	2.5	1,893
1999 2/-2000 3/	50,926	9.5	1,340
2000 3/-2001	51,010	0.2	1,036
2001-2002	47,748	-6.4	1,088

NA Not available.

1/ Median income in 2002 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 2001 in Data Book 2002.

2/ Implementation of Census 2000-based population controls.

3/ Implementation of a 28,000 household sample expansion.

Source: U.S. Bureau of the Census, Historical Income Tables - Households, Table H-8A. Median Money Income of Households, by State: 1984 to 2002 (Two-year moving averages)

<<http://www.census.gov/hhes/income/histinc/h08a.html>> accessed July 14, 2004.

Table 13.14- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 3-YEAR MOVING AVERAGES IN CONSTANT 2002 DOLLARS: 1984 TO 2002

[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	37,848	135	22-and-23
1985-1987	38,654	140	23-and-24
1986-1988	39,361	139	24-and-25
1987-1989	39,863	144	22-and-23
1988-1990	40,067	148	21-and-22
1989-1991	39,741	143	20-and-21
1990-1992	39,074	133	23-and-24
1991-1993	38,520	127	23-and-24
1992-1994	38,498	125	23-and-24
1993-1995	38,981	136	22-and-23
1994-1996	39,720	144	22-and-23
1995-1997	40,593	146	22-and-23
1996-1998	41,564	150	22-and-23
1997-1999 3/	42,702	154	22-and-23
1998-2000 4/	43,536	142	21-and-22
1999 3/-2001	43,554	111	20-and-21
2000 4/-2002	43,052	95	24-and-25

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Table 13.14- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND HAWAII, 3-YEAR MOVING AVERAGES IN CONSTANT 2002 DOLLARS: 1984 TO 2002 -- Con.

Year	Median income, 3-year moving averages 1/		
	Hawaii (dollars)	Standard error	Rank 2/
1984-1986	46,378	1,459	5
1985-1987	48,195	1,363	5
1986-1988	48,886	1,313	6
1987-1989	50,108	1,336	5
1988-1990	49,744	1,374	6
1989-1991	49,651	1,360	6
1990-1992	50,928	1,359	3
1991-1993	51,047	1,401	3
1992-1994	51,967	1,615	2
1993-1995	51,072	1,594	2
1994-1996	49,533	1,520	3
1995-1997	47,873	1,250	5
1996-1998	46,130	1,458	14
1997-1999 3/	46,248	1,477	16
1998-2000 4/	48,945	1,399	10
1999 3/-2001	50,015	1,050	9
2000 4/-2002	49,775	907	10

1/ Median income in 2002 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 2001 in *Data Book 2002*.

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.

Source: U.S. Bureau of the Census, Historical Income Tables - Households, Median Money Income of Households, by State: 1984 to 2002 (Three-year moving averages)

<<http://www.census.gov/hhes/income/histinc/h08b.html>> accessed July 14, 2004; and calculations by Hawaii Department of Business, Economic Development & Tourism.

Table 13.15-- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND THE STATES, IN CONSTANT 2002 DOLLARS: 2004

[These estimates are not direct counts from enumeration or administrative records, nor direct estimates from sample surveys. The state models use selected variables based on survey and administrative sources including income and poverty estimates derived from the March Current Population Survey (CPS) and personal income estimates from the Bureau of Economic Analysis. Estimating measures of uncertainty is an integral part of the overall process. Estimated standard errors provide a confidence interval around each income or poverty estimate that can be used to evaluate the quality of the estimates and help to form decisions about their use]

State	2004	Percentage change 2000 to 2004	Statistically significant
United States average	42,764	-2.5	yes
Alabama	38,550	4.2	yes
Alaska	53,474	-3.1	yes
Arizona	39,813	-4.2	yes
Arkansas	33,207	7.1	yes
California	47,689	-2.5	yes
Colorado	47,877	-5.0	yes
Connecticut	53,539	2.2	no
Delaware	50,221	-4.5	yes
District of Columbia	39,862	-7.4	yes
Florida	38,002	-6.3	yes
Georgia	43,292	-1.1	no
Hawaii	48,299	-10.3	yes
Idaho	38,478	-2.0	no
Illinois	49,705	-11.2	yes
Indiana	41,540	-2.7	yes
Iowa	42,691	-0.3	no
Kansas	43,421	1.3	no
Kentucky	37,372	-1.3	no
Louisiana	34,683	8.1	yes
Maine	37,492	-3.7	yes
Maryland	56,732	-0.4	no
Massachusetts	49,819	2.0	no
Michigan	42,906	-9.7	yes
Minnesota	55,400	-2.2	no
Mississippi	31,769	-11.3	yes
Missouri	43,181	-8.3	yes
Montana	35,553	3.9	yes

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Table 13.15-- MEDIAN MONEY INCOME OF HOUSEHOLDS, FOR THE UNITED STATES AND THE STATES, IN CONSTANT 2002 DOLLARS: 2004 -- Con.

State	2004	Percentage change 2000 to 2004	Statistically significant
Nebraska	44,749	2.6	no
Nevada	45,278	-5.2	yes
New Hampshire	55,480	4.3	yes
New Jersey	54,913	4.3	yes
New Mexico	36,030	-1.7	no
New York	42,492	-0.1	no
North Carolina	36,487	-8.8	yes
North Dakota	38,953	3.6	yes
Ohio	43,035	-4.1	yes
Oklahoma	37,024	9.3	yes
Oregon	41,727	-6.0	yes
Pennsylvania	43,166	-2.0	no
Rhode Island	43,265	-1.8	no
South Carolina	38,103	-2.9	no
South Dakota	41,045	7.8	yes
Tennessee	37,693	5.9	yes
Texas	40,216	-0.3	no
Utah	47,370	-4.6	yes
Vermont	43,889	6.2	yes
Virginia	50,058	1.6	no
Washington	45,973	3.5	yes
West Virginia	29,640	-3.5	yes
Wisconsin	46,508	-1.2	no
Wyoming	40,608	-1.9	no

Source: *Honolulu Advertiser*, July 14, 2004 (p.A-2) where the primary source is Economy.com and the U.S. Census Bureau.

**Table 13.16-- MEDIAN INCOME OF HOUSEHOLDS, FAMILIES AND
PERCENT OF FAMILIES AND PERSONS BELOW POVERTY LEVEL,
FOR COUNTIES AND SELECTED URBAN PLACES: 1999**

Geographic area	Median income (dollars)		Percent below poverty level 1/	
	Households	Families	Persons	Families
The State	49,820	56,961	10.7	7.6
Counties:				
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	-
Kauai	45,020	51,378	10.5	8.4
Maui	49,489	55,277	10.5	7.7
Census designated places				
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 13.17-- ESTIMATED MEDIAN HOUSEHOLD INCOME AND POVERTY STATUS, BY COUNTY: 1997 TO 2000

Area	Median household income (dollars)	Persons in poverty 1/		Persons under 18 in poverty	
		Number	Percent	Number	Percent
1997 2/					
The State	43,627	130,644	11.1	48,849	16.2
By county:					
Hawaii	34,557	23,475	16.6	9,449	23.4
Honolulu	44,310	87,155	10.2	31,308	14.8
Kalawao	3/ 9,213	(4/)	(4/)	(4/)	(4/)
Kauai	38,877	6,847	12.1	2,916	18.6
Maui	40,647	13,167	10.8	5,176	15.8
1998 2/					
The State	41,627	122,841	10.5	44,568	15.0
By county:					
Hawaii	34,411	21,448	15.1	7,815	19.4
Honolulu	44,934	82,253	9.7	29,747	14.3
Kalawao	5/ 9,859	(4/)	(4/)	(4/)	(4/)
Kauai	38,553	6,428	11.3	2,402	15.4
Maui	40,635	12,712	10.4	4,605	14.1
1999 2/					
The State	44,755	124,495	10.5	42,650	14.5
By county:					
Hawaii	35,799	21,278	14.5	7,521	19.5
Honolulu	46,260	83,628	9.8	28,239	13.6
Kalawao	(6/)	(6/)	(6/)	(6/)	(6/)
Kauai	40,024	6,507	11.2	2,370	15.3
Maui	42,765	13,082	10.2	4,520	13.9

Continued on next page.

Table 13.17-- ESTIMATED MEDIAN HOUSEHOLD INCOME AND POVERTY STATUS, BY COUNTY: 1997 TO 2000 -- Con.

Area	Median household income (dollars)	Persons in poverty 1/		Persons under 18 in poverty	
		Number	Percent	Number	Percent
2000 2/ The State	49,005	118,357	9.9	41,074	14.3
By county:					
Hawaii	38,601	20,458	13.8	7,570	19.4
Honolulu	50,799	79,578	9.3	27,020	13.5
Kalawao	(6/)	(6/)	(6/)	(6/)	(6/)
Kauai	43,142	6,031	10.3	2,147	14.4
Maui	47,202	12,291	9.4	4,336	13.5

1/ Based on Mainland poverty thresholds. Official Hawaii thresholds are about 15 percent higher. These data accordingly understate the number and percent of persons below the poverty level in Hawaii. Data also differ from estimates in Table 13.18.

2/ Congressional action required state estimates of poverty every year and local estimates every two years. The local estimates were available for only odd-numbered years prior to 1998.

3/ Prediction variables were unavailable. Estimates shown are 1990 census values inflated to 1997 dollars.

4/ Regression estimates not formed because of a lack of data. 1990 Census figures show that there are few poor; the model-based estimates are set to zero and the confidence intervals are not formed.

5/ Prediction variables were unavailable. Estimates shown are 1990 census values inflated to 1998 dollars.

6/ Due to the lack of administrative records, a model based estimate is not produced for Kalawao County.

The Census Bureau suggests that those interested refer to Census 2000 data.

Source: U.S. Bureau of the Census, Small Area Income and Poverty Estimates Program, February 12, 1999; *ibid.* November 3, 1999; *ibid.* November 16, 2000; and *ibid.* December 19, 2001; and accessed December 21, 2001

<<http://www.census.gov/hhes/www/saibe/stcty/estimate.html>> or

<<http://www.census.gov/hhes/www/saibe/stcty/sc98ftpdoc.html>>

<http://www.census.gov/housing/saibe/estmod99/est99_HI.dat> accessed September 27, 2003 and

<http://www.census.gov/housing/saibe/estmod00/est00_HI.dat> accessed November 21, 2003.

These and previous estimates are also available <<http://www.census.gov/hhes/www/saibe/estimatetoc.html>>.

Table 13.18-- 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 13.19-- INCOME TYPE AND PER CAPITA INCOME IN 1999, BY GEOGRAPHIC AREAS: 2000

Subject	State total	City and County of Honolulu	County of Hawaii	County of Kalawao	County of Kauai	County of Maui
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 13.20-- POVERTY STATUS OF PERSONS: 1969, 1975, AND 1979 TO 2002

[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:					
1969	68,543	9.3	1988	117,000	11.1
1975	67,000	7.9	1989	122,000	11.3
1979	91,618	9.9	1990	121,000	11.0
1989	88,408	8.3	1991	90,000	7.7
1999	126,154	10.7	1992	133,000	11.2
CPS: 1/					
1980	81,000	8.5	1993	91,000	8.0
1981	108,000	11.3	1994	97,000	8.7
1982	132,000	13.2	1995	122,000	10.3
1983	129,000	12.9	1996	142,000	12.1
1984	92,000	9.3	1997	164,000	13.9
1985	109,000	10.7	1998	131,000	10.9
1986	109,000	10.7	1999 2/	133,000	10.8
1987	95,000	8.8	2000	106,000	8.9
			2001 3/	138,000	11.4
			2002 3/	138,000	11.3

1/ Current Population Survey. Based on small samples and subject to considerable sampling variation.

2/ Revised from previous year's *Data Book*.

3/ Standard error in 2001 was 1.05 and 1.04 in 2002 for the poverty rate. For the United States in 2001, the poverty rate was 11.7 percent, and in 2002 it was 12.1 percent.

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; U.S. Census Bureau Historical Poverty Tables - People, Table 21

<<http://www.census.gov/hhes/poverty/histpov/hstpov21.html>> accessed June 29, 2004.

Table 13.21-- POVERTY STATUS IN 1999, FOR THE STATE AND COUNTIES: 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]

Subject	State total	City & County of Honolulu	Hawaii County	Kalawao County	Kauai County	Maui County
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 13.22-- POVERTY INCOME GUIDELINES: 1993 TO 2004

[In dollars. These family income levels are poverty thresholds established by the U.S. Department of Health and Human Services to determine eligibility for certain Federal programs for the poor]

Size of family unit	1	2	3	4 1/	5	6	7	8	Add'n member
Feb. 12, 1993	8,040	10,860	13,680	16,500	19,320	22,140	24,960	27,780	2,820
Feb. 10, 1994	8,470	11,320	14,170	17,020	19,870	22,720	25,570	28,420	2,850
Feb. 9, 1995	8,610	11,550	14,490	17,430	20,370	23,310	26,250	29,190	2,940
Mar. 4, 1996	8,910	11,920	14,930	17,940	20,950	23,960	26,970	29,980	3,010
Mar. 10, 1997	9,070	12,200	15,330	18,460	21,590	24,720	27,850	30,980	3,130
Feb. 24, 1998	9,260	12,480	15,700	18,920	22,140	25,360	28,580	31,800	3,220
Mar. 19, 1999	9,490	12,730	15,970	19,210	22,450	25,690	28,930	32,170	3,240
Feb. 15, 2000	9,590	12,930	16,270	19,610	22,950	26,290	29,630	32,970	3,340
Feb. 16, 2001	9,890	13,360	16,830	20,300	23,700	27,240	30,710	34,180	3,470
Feb. 14, 2002	10,200	13,740	17,280	20,820	24,360	27,900	31,440	34,980	3,540
Feb. 7, 2003	10,330	13,940	17,550	21,160	24,770	28,380	31,990	35,600	3,610
Feb. 13, 2004	10,700	14,360	18,020	21,680	25,340	29,000	32,660	36,320	3,660

1/ For 2004, corresponding levels for four-person families elsewhere in the United States were \$18,850 on the Mainland and \$23,570 in Alaska. For 2003, those levels were \$18,400 on the Mainland and \$23,000 in Alaska. For 2002, those levels were \$18,100 on the Mainland and \$22,630 in Alaska. For 2001, levels were \$17,650 on the Mainland and \$22,070 in Alaska. For 2000, \$17,050 on the Mainland and \$21,320 in Alaska. For 1999, \$16,700 on the Mainland and \$20,880 in Alaska.

Source: U.S. Department of Health and Human Services, "Annual Update of the HHS Poverty Guidelines," *Federal Register*, February 12, 1993, February 10, 1994, February 9, 1995, March 4, 1996, March 10, 1997, February 24, 1998; March 18, 1999, February 15, 2000, February 16, 2001, February 14, 2002, March 18, 2003 and February 13, 2004. Also for 1994-2004 <http://www.access.gpo.gov/su_docs/aces/aces140.html>; for 2000, under Health and Human Services <http://www.access.gpo.gov/su_docs/fedreg/a000215c.html>; for 2001, under Health and Human Services <http://www.access.gpo.gov/su_docs/fedreg/a010216c.html>; for 2002, under Health and Human Services <http://www.access.gpo.gov/su_docs/fedreg/a020214c.html> accessed March 19, 2002; <<http://a257.g.akamaitech.net/7/257/2422/14mar20010800/edocket.access.gpo.gov/2003/pdf/03-3018.pdf>> accessed April 10, 2003; and <<http://aspe.hhs.gov/poverty/04poverty.shtml>> accessed February 18, 2004.

Table 13.23-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR HONOLULU: 1997-1998 TO 2001-2002

[Annual averages for two-year periods]

Item	1997-98	1998-99	1999-2000	2000-2001	2001-2002
Average annual expenditures	42,636	42,474	41,972	43,024	43,458
Food	6,206	6,300	5,771	6,722	6,418
Food at home	3,479	3,423	3,278	3,935	3,879
Cereals and bakery products	523	501	485	582	542
Meats, poultry, fish, and eggs	974	935	828	1,152	1,182
Dairy products	281	298	308	345	336
Fruits and vegetables	725	690	649	765	750
Other food at home	976	999	1,009	1,091	1,069
Food away from home	2,727	2,877	2,493	2,788	2,539
Alcoholic beverages	467	406	409	554	489
Housing	14,775	14,676	14,084	13,903	14,207
Shelter	10,233	10,079	9,717	9,460	9,470
Owned dwellings	6,290	6,156	5,704	4,966	4,810
Rented dwellings	3,602	3,403	3,404	3,986	4,030
Other lodging	341	520	610	509	630
Utilities, fuels, and public serv.	2,011	2,032	2,113	2,182	2,200
Household operations	419	514	630	647	569
Housekeeping supplies	540	554	497	539	567
Housefurnishings and equipment	1,571	1,497	1,127	1,075	1,402
Apparel and services	1,876	1,995	1,974	1,761	1,597
Transportation	6,845	5,354	5,775	6,523	7,230
Vehicle purchases (net outlay)	2,394	999	1,553	2,329	3,040
Gasoline and motor oil	1,111	1,060	1,071	1,176	1,124
Other vehicle expenses	2,427	2,262	2,101	2,103	2,194
Public transportation	913	1,033	1,050	915	873
Health care	1,905	2,188	2,211	2,252	2,365
Entertainment	1,906	2,083	1,997	2,066	2,249
Personal care prod. and services	617	638	702	691	594
Reading	207	193	182	163	161
Education	1,141	1,147	906	864	1,088
Tobacco prod. and smoking sup.	222	217	230	247	297
Miscellaneous	962	978	978	763	759
Cash contributions	782	1,410	1,926	1,672	1,278
Personal insurance and pensions	4,724	4,890	4,826	4,844	4,727
Life and other personal insur.	777	687	655	636	641
Pensions and Social Security	3,947	4,203	4,171	4,208	4,086

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Table 13.23-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR HONOLULU: 1997-1998 TO 2001-2002 -- Con.

Item	1997-98	1998-99	1999-2000	2000-2001	2001-2002
Consumer unit characteristics:					
Number of consumer units	275,000	298,000	294,000	279,000	276,000
Income before taxes (dollars) 1/	53,461	53,537	51,906	54,819	56,000
Age of reference person	50.4	51.9	52.6	52.9	53.9
Number of persons	3.0	2.9	2.7	2.8	2.8
Number of children under 18	0.8	0.7	0.6	0.7	0.7
Number of persons 65 and over	0.4	0.4	0.4	0.4	0.5
Number of earners	1.5	1.5	1.5	1.5	1.4
Number of vehicles	1.8	1.7	1.6	1.6	1.6
Percent homeowner	56	57	56	52	53

1/ Components of income and taxes are derived from "complete income reporters" only.

Source: U.S. Department of Labor, Bureau of Labor Statistics, *Selected Western Metropolitan Statistical Areas: Average Annual Expenditures, Characteristics, and Sources of Income of Consumer Units* (annual) <<http://www.bls.gov/cex/csxmsa.htm>> and for 2000-2001 <<ftp://ftp.bls.gov/pub/special.requests/ce/msa/y0001/west.TXT>> and for 2001-2002 <<ftp://ftp.bls.gov/pub/special.requests/ce/msa/y0102/west.txt>> accessed December 12, 2003.

Table 13.24-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR THE WESTERN UNITED STATES (INCLUDING HONOLULU): 2001-2002

[Annual averages for two-year periods. Number in units, unless otherwise specified. Expenditures in dollars]

Item	All consumer units in the West	Hono-lulu	Los Angeles	San Francisco	San Diego	Portland	Seattle	Anchor-age	Phoenix	Denver
Average annual expenditures	44,002	43,458	47,459	55,346	42,588	43,358	48,348	56,169	41,615	49,014
Food	5,590	6,418	5,883	6,453	5,036	5,203	6,019	6,993	5,252	5,819
Food at home	3,250	3,879	3,215	3,423	2,734	2,971	4,143	4,056	3,029	3,442
Cereals and bakery products	462	542	438	498	367	414	574	547	456	514
Meats, poultry, fish, and eggs	811	1,182	862	826	721	671	1,028	1,016	721	789
Dairy products	356	336	347	359	307	344	430	431	337	401
Fruits and vegetables	606	750	633	733	510	485	722	709	542	606
Other food at home	1,015	1,069	936	1,007	829	1,058	1,390	1,352	974	1,132
Food away from home	2,340	2,539	2,668	3,029	2,301	2,232	1,875	2,937	2,222	2,377
Alcoholic beverages	410	489	414	605	354	493	443	529	473	534
Housing	15,150	14,207	17,602	21,127	17,050	15,095	16,621	17,299	13,897	16,862
Shelter	9,618	9,470	11,675	14,592	11,465	9,476	10,685	10,628	8,116	10,590
Owned dwellings	6,043	4,810	7,021	8,960	6,883	6,180	6,991	6,323	4,912	6,708
Rented dwellings	3,011	4,030	4,065	4,932	4,138	2,681	3,047	3,699	2,657	3,410
Other lodging	564	630	589	700	443	614	647	607	548	472
Utilities, fuels, and public services	2,504	2,200	2,576	2,645	2,454	2,631	2,753	2,656	2,695	2,626
Household operations	766	569	1,012	1,326	935	808	800	950	699	829
Housekeeping supplies	525	567	478	514	429	377	572	592	550	584
Housefurnishings and equipment	1,737	1,402	1,861	2,050	1,767	1,804	1,811	2,472	1,837	2,232
Apparel and services	1,786	1,597	2,001	2,245	1,435	1,586	1,753	1,992	1,537	1,712
Transportation	8,355	7,230	8,861	9,223	7,806	6,989	9,680	10,860	8,197	10,077
Vehicle purchases (net outlay)	3,808	3,040	3,923	3,962	3,424	2,673	4,424	5,242	3,632	4,676
Gasoline and motor oil	1,366	1,124	1,475	1,472	1,335	1,235	1,392	1,455	1,253	1,297

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Table 13.24-- AVERAGE ANNUAL EXPENDITURES AND OTHER CHARACTERISTICS OF CONSUMER UNITS, FOR THE WESTERN UNITED STATES (INCLUDING HONOLULU): 2001-2002-- Con.

Item	All consumer units in the West	Honolulu	Los Angeles	San Francisco	San Diego	Portland	Seattle	Anchor-age	Phoenix	Denver
Transportation - con.:										
Other vehicle expenses	2,713	2,194	2,955	2,962	2,643	2,511	3,337	3,211	2,876	3,601
Public transportation	468	873	508	828	404	570	528	953	436	503
Health care	2,221	2,365	2,031	2,349	1,884	2,353	2,326	2,484	2,241	2,393
Entertainment	2,339	2,249	2,301	2,383	1,965	2,711	2,835	4,297	2,436	2,633
Personal care products and services	545	594	608	555	519	506	556	628	544	637
Reading	160	161	158	270	145	218	172	290	142	141
Education	874	1,088	826	1,073	504	750	889	729	444	617
Tobacco products and smoking supplies	238	297	190	228	195	302	303	508	298	307
Miscellaneous	869	759	1,037	997	869	1,107	848	1,387	785	1,075
Cash contributions	1,324	1,278	1,223	1,544	925	1,468	1,086	1,891	1,131	1,495
Personal insurance and pensions	4,141	4,727	4,325	6,294	3,903	4,577	4,816	6,280	4,238	4,713
Life and other personal insurance	340	641	318	357	377	326	392	543	387	447
Pensions and Social Security	3,801	4,086	4,007	5,936	3,526	4,251	4,424	5,737	3,851	4,265
Consumer unit characteristics:										
Number of consumer units (thousands)	24,643	276	5,026	2,768	852	1,098	1,525	99	1,233	1,239
Income before taxes (dollars)	51,003	56,000	55,543	75,270	47,722	52,021	58,488	63,144	48,021	60,983
Age of reference person	46.7	53.9	47.4	48.0	49.3	45.8	45.8	43.3	46.5	43.9
No. of persons	2.6	2.8	2.8	2.5	2.6	2.5	2.4	2.7	2.5	2.5
No. of children under 18	0.7	0.7	0.8	0.7	0.7	0.7	0.6	0.8	0.7	0.6
No. of persons 65 and over	0.3	0.5	0.3	0.3	0.3	0.2	0.2	0.1	0.3	0.2
No. of earners	1.4	1.4	1.5	1.4	1.3	1.4	1.5	1.6	1.4	1.5
No. of vehicles	2.0	1.6	1.9	1.9	1.8	2.4	2.3	2.7	1.8	2.2
Percent homeowner	61	53	55	61	55	63	64	61	61	64

Source: U.S. Dept. of Labor, Bureau of Labor Statistics, *Selected Western Metropolitan Statistical Areas: Average Annual Expenditures, Characteristics, and Sources of Income of Consumer Units 2001-2002* <ftp://ftp.bls.gov/pub/special.requests/ce/msa/y0102/west.txt> accessed December 12, 2003.

Table 13.25-- TOP WEALTHHOLDERS: 1962 TO 1998

[Top wealthholders are defined as persons with a gross estate in excess of specified amounts, rising from \$60,000 in 1962 to \$600,000 in 1989. All figures are estimates based on estate tax return samples]

Group and year	Number of top wealthholders	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

Source: U.S. Internal Revenue Service, *Statistics of Income -1962, Personal Wealth* (1967), pp. 55-56; *Statistics of Income -1969, Personal Wealth* (1973), pp. 57-58; *Statistics of Income- 1972, Personal Wealth Estimated from Estate Tax Returns* (1976), table 33; and *Statistics of Income Bulletin*, Summer 1983, pp. 1-26, Spring 1988, pp. 31-46; Spring 1990, pp. 63-78; Spring 1993, pp. 105-121; Winter 1997-98, and Winter 1999-2000, Table 6. Also, <http://www.irs.ustreas.gov/prod/tax_stats/soi/soi_bul.html> and for 1995 <http://www.irs.treas.gov/prod/tax_stats/soi/est_pw.html/95PWART.EXE> accessed July 26, 2002; and Winter 2002-2003 Issue, *Personal Wealth 1998*, table 6 <<http://www.irs.ustreas.gov/pub/irs-soi/98pwart.pdf>> accessed September 28, 2003.

Table 13.26--TOP WEALTHHOLDERS WITH TOTAL ASSETS OF \$600,000 OR MORE AND NET WORTH UNDER \$10,000,000; TOTAL AND SELECTED ASSETS, DEBTS, AND NET WORTH, U.S. AND HAWAII: 1995 AND 1998

[Data are estimates based on samples. Numbers are in thousands.
Amounts are in millions of dollars. For 1998, assets of \$625,000 or more]

Category	United States	Hawaii	Hawaii as percent of U.S.
1995			
Top wealthholders: Number	4,360	24	0.6
Total assets: Amount	5,482,241	25,944	0.5
Debts: Number	3,433	20	0.6
Amount	580,279	2,745	0.5
Net worth: Number	4,360	24	0.6
Amount	4,901,962	23,199	0.5
Real estate: Number	3,963	23	0.6
Amount	1,580,544	12,807	0.8
Corporate estate stock: Number	3,358	15	0.4
Amount	1,297,053	3,796	0.3
Cash and money market accounts: Number	4,171	23	0.6
Amount	360,360	1,613	0.4
Total bonds: Number	2,360	8	0.3
Amount	571,283	1,790	0.3
1998			
Top wealthholders: Number	6,501	25	0.4
Total assets: Amount	9,616,127	30,986	0.3
Debts: Number	4,995	21	0.4
Amount	879,931	4,133	0.5
Net worth: Number	6,501	25	0.4
Amount	8,736,196	26,853	0.3
Real estate: Number	5,834	23	0.4
Amount	2,449,146	10,588	0.4
Corporate estate stock: Number	5,218	19	0.4
Amount	3,130,272	9,881	0.3
Cash: Number	3,422	16	0.5
Amount	893,940	1,578	0.2
Total bonds: Number	6,336	24	0.4
Amount	927,827	3,248	0.4

Source: U. S. Department of Treasury, Internal Revenue Service, *Statistics of Income Bulletin*, Winter 1999-2000, Table 6. Also, http://www.irs.ustreas.gov/prod/tax_stats/soi/soi_bul.html and for 1995 <http://www.irs.treas.gov/prod/tax_stats/soi/est_pw.html/95PWART.EXE> accessed July 26, 2002; and *Winter 2002-2003 Issue, Personal Wealth 1998*, table 6 <<http://www.irs.ustreas.gov/pub/irs-soi/98pwart.pdf>> accessed September 28, 2003.

Table 13.27-- (NET) WORTH OF RICHEST RESIDENTS: 1998 TO 2003

Name	Residence	Age (years)	Net worth (million dollars)	Primary sources
1998				
Anthony, Barbara Cox 1/	Honolulu	75	7,100	Inheritance (Cox Enterprises, newspapers, cable TV)
Campbell family 2/	Hawaii	(X)	1,700	Land, investments
1999				
Anthony, Barbara Cox 1/	Honolulu	76	9,700	Inheritance (Cox Enterprises, newspapers, cable TV)
Campbell family 2/	Hawaii	(X)	1,700	Land, investments
2000				
Anthony, Barbara Cox 1/	Honolulu	77	10,000	Inheritance (Cox Enterprises, newspapers, cable TV)
Campbell family 2/	Hawaii	(X)	1,700	Land, investments
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)

X Not applicable.

1/ Sisters Barbara 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, and \$19 billion in 2002. In 2003, the sisters tied at rank of 12 with net worth of \$11.0 billion each. They have been members of the Forbes 400 since 1982.

2/ Prior to 2000, Forbes online database was sortable. The "By State" yielded only Ms. Anthony for Hawaii. The Campbell Family was misidentified without a "Hometown". In 2000, the Richest 400 on-line is not sortable by state. However, the Campbell family residence was now correctly listed as "Hawaii". In 2001 2002, and 2003, the online list was limited to individuals and no individual Campbell was listed.

Source: "The Forbes Four Hundred," *Forbes*, October 16, 1995, pp 106-368; October 14, 1996, pp. 100-356; October 13, 1997, October 12, 1998, October 11, 1999, October 9, 2000, October 13, 2001 and September 13, 2002 <<http://www.forbes.com/2002/09/13/rich400land.html>> accessed November 26, 2002; and September 19, 2003 <<http://www.forbes.com/richlist2003/rich400land.html>> accessed September 27, 2003.

Section 14

PRICES

This section presents indexes of consumer prices for Honolulu and for the United States, the implicit price deflator for gross state product, and comparisons of Honolulu living costs with those in other U.S. urban areas and cities in foreign countries. Other statistics on prices are reported in Sections 7, 16, 17, 18, 21, and 23.

The Honolulu Consumer Price Index has been compiled by the U.S. Bureau of Labor Statistics (BLS) since December 1963. This index measures the average change in prices of goods and services purchased by urban households. Prices are expressed as a percent of the average levels reported in the base period, 1982-1984.

Official comparisons of Honolulu and Mainland living costs are no longer being made on a regular basis. The annual four-person family budgets estimated by the BLS for Honolulu and the Mainland were discontinued after 1981. The unofficial estimates by the Bank of Hawaii were available for 1982-1998 but have seemingly also been discontinued. A comparison of prices in Hawaii and Washington, D.C., compiled for the U.S. Office of Personnel Management as a basis for cost of living adjustments for Federal employees are also included. These studies are subject to technical limitations and must be interpreted with considerable caution. Comparative indexes have been compiled by the U.S. Department of Defense for military personnel assigned to or in Hawaii on temporary duty.

No composite wholesale or producer price index is available for Hawaii. Average wholesale prices of agricultural products are reported in *Statistics of Hawaii Agriculture*, issued by the Hawaii Agricultural Statistics Service, and in various other publications of the Hawaii State Department of Agriculture. Wholesale price statistics of other commodities are seldom available. Periodic comparisons of individual or groups of products and services are sometimes compiled.

Data on prices and living costs for the nation as a whole and other areas are summarized in the *Statistical Abstract of the United States: 2003*, Section 14. Long-term trends for Hawaii are traced in *Historical Statistics of Hawaii*, Section 5.

**Table 14.01-- IMPLICIT PRICE DEFLATOR FOR GROSS STATE
PRODUCT FOR HAWAII AND UNITED STATES: 1977-2001**

[1996 = 100. The implicit price deflator is calculated by dividing the current dollar Gross State Product (GSP) by the real 1996 chained dollar GSP multiplied by 100. See Table 13.03]

Year	Hawaii		United States	
	Deflator 1996 = 100	Percent change from year previous	Deflator 1996 = 100	Percent change from year previous
1977	39.9	(X)	43.9	(X)
1978	42.8	7.2	47.2	7.4
1979	46.2	7.8	50.9	8.0
1980	50.5	9.3	55.7	9.3
1981	55.7	10.3	61.0	9.6
1982	59.4	6.8	65.1	6.6
1983	62.6	5.3	67.7	4.0
1984	66.6	6.5	70.6	4.3
1985	70.0	5.1	72.8	3.2
1986	73.1	4.4	74.9	2.9
1987	75.8	3.7	77.1	3.0
1988	78.8	4.0	79.7	3.4
1989	81.6	3.6	82.8	3.8
1990	84.6	3.7	86.1	4.0
1991	88.3	4.3	89.1	3.5
1992	90.9	2.9	91.7	2.9
1993	93.6	3.0	94.1	2.7
1994	95.9	2.5	96.2	2.2
1995	98.1	2.3	98.3	2.2
1996	100.0	1.9	100.0	1.7
1997	102.3	2.3	101.6	1.6
1998	104.6	2.3	102.9	1.3
1999	106.9	2.1	104.2	1.2
2000	109.4	2.4	106.4	2.1
2001	112.5	2.8	108.6	2.1

X Not applicable.

Source: U.S. Bureau of Economic Analysis, Gross State Product By Industry: 1977-2001, May 22, 2003 and <<http://www.bea.doc.gov/bea/regional/gsp/>> accessed May 22, 2003; and calculations by Hawaii Department of Business, Economic Development & Tourism.

Table 14.02-- CONSUMER PRICE INDEX, FOR ALL URBAN CONSUMERS (CPI-U), ALL ITEMS, FOR HONOLULU AND UNITED STATES: 1940 TO 2003

[1982-1984 average = 100. Excludes rent before 1963]

Year	Honolulu		United States	
	Annual average	Percent change from year previous	Annual average	Percent change from year previous
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 2003 -- Con.

Year	Honolulu		United States	
	Annual average	Percent change from year previous	Annual average	Percent change from year previous
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

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. 1987-2003: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers [CPI-U] Honolulu <<http://www.bls.gov/cpi/home.htm>> and for Honolulu <<http://stats.bls.gov/ro9news.htm>> accessed February 20, 2004.

Table 14.03-- CONSUMER PRICE INDEX (ALL ITEMS COMBINED), BY TYPE OF CONSUMER, FOR HONOLULU: SEMI-ANNUALLY, 1984 TO 2003

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
Index 1982-1984 average = 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
Percentage change from same period previous year						
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

Source: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers (CPI-U) and Consumer Price Index-Urban Wage Earners and Clerical Workers (CPI-W), All Items, <<http://www.bls.gov/cpi/home.htm>> and <<http://www.bls.gov/ro9/9225.pdf>> accessed February 20, 2004.

Table 14.04-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS (CPI-U), BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE GROUP, FOR HONOLULU: ANNUAL AVERAGES, 1999 TO 2003

[Unless otherwise specified, 1982-1984 average=100]

Group	1999	2000	2001	2002	2003
All items	173.3	176.3	178.4	180.3	184.5
Food and beverages	162.9	164.8	169.5	171.9	174.9
Food	163.0	164.8	169.5	171.6	174.1
Food at home	166.2	166.9	172.9	175.2	178.7
Food away from home	158.3	160.0	164.0	166.0	167.1
Alcoholic beverages	161.9	163.9	168.1	175.7	184.0
Housing	175.8	177.9	179.1	181.2	186.2
Shelter	191.7	191.9	193.1	196.3	200.3
Rent of primary residence	181.7	180.3	181.6	185.3	190.2
Owners' equivalent rent of primary residence	1/ 197.0	1/ 196.3	1/ 197.7	1/ 201.8	1/ 206.4
Fuel and other utilities	133.4	147.4	146.6	142.6	154.1
Fuels	114.3	130.8	129.8	125.0	137.7
Gas (piped) and electricity	113.7	129.8	128.8	124.3	136.9
Electricity	113.4	129.1	128.1	123.3	133.6
Utility natural gas service	109.2	126.8	127.2	126.4	167.7
Household furnishings and operation	146.4	152.4	155.8	157.2	162.8
Apparel	105.4	103.5	101.0	102.6	98.5
Transportation	162.2	169.6	174.5	170.9	176.4
Private transportation	160.4	166.9	170.6	164.2	171.5
Motor fuel	119.9	141.8	149.7	130.3	154.5
Gasoline (all types)	122.6	144.8	153.0	133.4	158.5
Gasoline, unleaded regular	128.8	151.7	160.1	138.7	166.0
Gasoline, unleaded midgrade	2/ 95.5	2/ 114.5	2/ 121.4	2/ 105.8	2/ 124.9
Gasoline, unleaded premium	112.4	132.7	140.3	123.4	145.0
Medical care	231.3	239.8	(4/)	(4/)	(4/)
Education & Communication	3/ 104.5	3/ 106.5	3/ 104.6	3/ 107.8	3/ 112.5
Recreation	3/ 101.9	3/ 102.8	3/ 101.6	3/ 99.5	3/ 100.4
Other goods and services	275.6	279.7	289.3	302.2	307.6
Commodity and service group	173.3	176.3	178.4	180.3	184.5
Commodities	148.2	150.3	152.8	152.0	154.8
Commodities less food and beverages	136.6	138.9	139.7	136.7	139.4
Nondurables less food and beverages	141.0	146.1	148.6	145.2	150.8
Durables	129.7	128.5	127.1	124.6	122.6
Services	195.3	199.1	200.9	205.0	210.3

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**Table 14.04-- CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS
(CPI-U), BY EXPENDITURE CATEGORY AND COMMODITY AND SERVICE
GROUP, FOR HONOLULU: ANNUAL AVERAGES, 1999 TO 2003 -- Con.**

Group	1999	2000	2001	2002	2003
Special aggregate indexes:					
All items less shelter	166.2	170.5	173.1	174.4	178.5
All items less medical care	170.2	173.0	174.9	176.3	180.2
All items less energy	178.7	180.7	182.8	185.6	188.6
Energy	117.9	137.0	140.0	128.0	147.0
All items less food and energy	183.0	185.1	186.5	189.5	192.6
Commodities less food	137.7	140.1	141.0	138.5	141.4
Nondurables less food	142.4	147.3	149.9	147.3	153.1
Nondurables	153.3	156.5	160.3	159.9	164.2
Services less rent of shelter	1/ 202.0	1/ 210.4	1/ 213.1	1/ 218.5	1/ 224.5
Services less medical care services	192.2	195.5	197.1	200.3	205.4

1/ Indexes on a December 1982=100 base.

2/ Indexes on a December 1993=100 base.

3/ Indexes on a December 1997=100 base.

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

Source: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers [CPI-U]

<<http://www.bls.gov/cpi/home.htm>> and for Honolulu <<http://www.bls.gov/ro9/home.htm>>

accessed February 20, 2004.

Table 14.05-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER PRICE INDEX, ALL URBAN CONSUMERS (CPI-U), FOR THE UNITED STATES AND HONOLULU, DECEMBER 2002 AND 2003

[Percent of all items. 2002 data are based on the 1999-2000 weights in the Consumer Expenditures Survey and 2003 data on the 2001-2002 weights]

Group	2002 CPI-U		2003 CPI-U	
	U.S.	Honolulu	U.S.	Honolulu
Relative importance of area	100.000	0.320	100.000	0.303
EXPENDITURE CATEGORY				
All items	100.000	100.000	100.000	100.000
Food and beverages	15.583	16.090	15.384	17.229
Food	14.554	14.938	14.383	15.989
Food at home	8.338	8.573	8.256	9.453
Cereals and bakery products	1.281	(NA)	1.202	(NA)
Meats, poultry, fish, and eggs	2.222	(NA)	2.320	(NA)
Meats, poultry, and fish	2.123	(NA)	2.198	(NA)
Dairy and related products	0.876	(NA)	0.842	(NA)
Fruits and vegetables	1.234	(NA)	1.221	(NA)
Other food at home	1.771	(NA)	1.765	(NA)
Food away from home	6.216	6.365	6.127	6.536
Alcoholic beverages	1.029	1.152	1.001	1.240
Housing	40.854	42.479	42.089	42.927
Shelter	31.728	35.375	32.878	36.044
Rent of primary residence	6.467	8.314	6.157	8.960
Tenants' and household insurance	0.365	(NA)	0.385	(NA)
Owners' equivalent rent of primary residence	22.243	24.822	23.383	24.009
Lodging away from home	2.405	(NA)	2.954	(NA)
Fuel and utilities	4.469	3.255	4.741	2.928
Fuels	3.604	2.455	3.830	2.145
Fuel oil, and other fuels	0.205	(NA)	0.231	(NA)
Fuel oil	0.136	(NA)	0.151	(NA)
Other household fuels	0.070	(NA)	0.080	(NA)
Gas (piped) and electricity	3.399	2.420	3.599	2.101
Electricity	2.415	2.254	2.431	1.962
Utility (piped) gas service 1/	0.984	0.166	1.168	0.139
Water and sewer and trash collection serv.	0.864	(NA)	0.910	(NA)
Household furnishings and operations	4.658	3.849	4.470	3.957

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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 2002 AND
2003 -- Con.**

Group	2002 CPI-U		2003 CPI-U	
	U.S.	Honolulu	U.S.	Honolulu
EXPENDITURE CATEGORY -- Con.				
Apparel	4.220	4.740	3.975	3.454
Men's and boys' apparel	1.065	(NA)	1.024	(NA)
Women's and girls' apparel	1.738	(NA)	1.704	(NA)
Footwear	0.853	(NA)	0.778	(NA)
Infants' and toddlers' apparel	0.193	(NA)	0.195	(NA)
Jewelry and watches	0.370	(NA)	0.274	(NA)
Transportation	17.293	14.377	16.881	14.879
Private transportation	16.121	11.749	15.817	12.991
Motor fuel	3.119	2.964	3.249	3.050
Gasoline (all types)	3.091	2.905	3.222	2.997
Public transportation	1.172	(NA)	1.064	(NA)
Medical care	5.961	6.364	6.074	5.726
Medical care services	4.574	(NA)	4.575	(NA)
Recreation	5.943	5.678	5.872	5.988
Education and communication	5.798	5.330	5.948	5.986
Other goods and services	4.350	4.943	3.776	3.813
Personal care	3.358	(NA)	2.970	(NA)
COMMODITY AND SERVICE GROUP				
All items	100.000	100.000	100.000	100.000
Commodities	40.822	37.063	40.117	38.869
Commodities less food and beverages	25.239	20.973	24.733	21.639
Nondurables less food and beverages	13.824	13.907	13.458	12.394
Durables	2/ 11.416	7.066	11.275	9.244
Services	59.178	62.937	59.883	61.128

Continued on next page.

Table 14.05-- RELATIVE IMPORTANCE OF COMPONENTS IN THE CONSUMER PRICE INDEX, ALL URBAN CONSUMERS (CPI-U), FOR THE UNITED STATES AND HONOLULU, DECEMBER 2002 AND 2003 -- Con.

Group	2002 CPI-U		2003 CPI-U	
	U.S.	Honolulu	U.S.	Honolulu
SPECIAL AGGREGATE INDEXES				
All items less shelter	68.272	64.625	67.122	63.957
All items less medical care	94.039	93.636	93.926	94.274
All items less energy	93.277	94.581	92.920	94.806
All items less food and energy	78.724	79.643	78.537	78.815
Energy	6.723	5.419	7.080	5.195
Commodities less food	26.268	22.125	25.734	22.879
Nondurables less food	14.853	15.059	14.459	13.634
Nondurables	29.406	29.997	28.842	29.626
Services less rent of shelter	27.815	27.796	27.389	25.307
Rent of shelter	31.364	(NA)	32.494	(NA)
Services less medical care services	54.604	57.984	55.308	56.653

NA Not available.

1/ In 2002, the category is "Utility natural gas service".

2/ Revised from previous *Data Book*.

Source: U.S. Bureau of Labor Statistics, *Relative Importance of Components in the Consumer Price Index* (annual) <<http://www.bls.gov/cpi/>> accessed May 25, 2004.

**Table 14.06-- AVERAGE APARTMENT RENTAL COSTS PER YEAR
IN SELECTED CITIES IN THE UNITED STATES: 1999 AND 2002**

[Standard City, an average cost hypothetical location of \$6,480 in 1999 and \$8,436 in 2002 and an index number set at 100.0. The annual values shown are based on a three-room, one-bedroom, one-bath apartment rental unit. Rental units are typically located in suburban communities surrounding the city and are based on an analysis of approximately 300 cities.

Location	Annual rent	Index	Location	Annual rent	Index
1999					
San Francisco, CA	13,100	202.2	Baltimore, MD	7,350	113.4
Honolulu, HI	12,100	187.0	Denver, CO	6,900	107.9
Boston, MA	10,900	168.2	Tampa, FL	6,420	99.1
New York City, NY	10,580	163.3	Greenville, NC	6,300	97.2
Washington, D.C.	10,320	159.3	Baton Rouge, LA	5,940	91.7
Chicago, IL	8,520	131.5	Tucson, AZ	5,580	86.1
Los Angeles, CA	8,460	130.6	Dubuque, IA	4,860	75.0
2002					
San Jose, CA	18,384	217.9	Salina, KS	5,720	67.8
San Francisco, CA	17,603	208.7	Paducah, KY	5,533	65.6
Boston, MA	15,833	187.7	Midland, TX	5,299	62.8
Washington, DC	15,271	181.0	Decatur, AL	5,222	61.9
New York, NY	14,405	170.8	Hobbs, NM	5,057	59.9
Honolulu, HI	13,851	164.2	Casper, WY	4,892	58.0

Source: Runzheimer International, "Apartment Rental Costs Nationwide"
 <<http://www.runzheimer.com/corpc/news/scripts/062199.asp>> accessed July 19, 2001 and
 <<http://www.runzheimer.com/corpc/news/scripts/072402.asp>> accessed July 25, 2002.

Table 14.07-- MEDIAN GROSS RENT AMOUNT AND AS PERCENTAGE OF HOUSEHOLD INCOME FOR THE UNITED STATES, THE STATES, AND FOR PUERTO RICO: 1990 AND 2000

[Data based on sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see <<http://www.census.gov/prod/cen2000/doc/sf3.pdf>>. Rank of 1 indicates highest amount. Areas in order of highest rank in 2000]

Area	Median gross rent					
	1990			2000		
	Amount in dollars	Percentage of household income in 1989		Amount in dollars	Percentage of household income in 1989	
Number		Rank	Number		Rank	
United States	571	26.4	(X)	602	25.5	(X)
California	792	29.1	1	747	27.7	1
Florida	613	28.0	2	641	27.5	2
Hawaii	830	27.4	6	779	27.2	3
Oregon	521	25.5	27	620	26.9	4
New York	620	26.3	20	672	26.8	5
Arizona	560	27.5	4	619	26.6	6
New Mexico	473	26.5	17	503	26.6	7
Nevada	650	26.8	12	699	26.5	8
Washington	569	25.7	26	663	26.5	9
Colorado	533	26.1	21	671	26.4	10
Vermont	570	27.1	9	553	26.2	11
Louisiana	450	27.9	3	466	25.8	12
West Virginia	387	26.8	13	401	25.8	13
Rhode Island	625	27.5	5	553	25.7	14
Massachusetts	741	26.8	11	684	25.5	15
New Jersey	756	26.3	19	751	25.5	16
Connecticut	764	26.6	15	681	25.4	17
Maine	535	26.8	10	497	25.3	18
Montana	396	25.0	33	447	25.3	19
Idaho	422	23.8	48	515	25.3	20
Mississippi	394	27.1	8	439	25.0	21
Pennsylvania	516	26.1	22	531	25.0	22
Georgia	553	25.8	24	613	24.9	23
Utah	471	23.8	49	597	24.9	24
District of Columbia	612	25.4	28	618	24.8	25
Tennessee	456	25.0	34	505	24.8	26
Alabama	415	24.8	37	447	24.8	27
Alaska	714	23.8	47	720	24.8	28
Minnesota	539	26.7	14	566	24.7	29

Continued on next page.

Table 14.07-- MEDIAN GROSS RENT AMOUNT AND AS PERCENTAGE OF HOUSEHOLD INCOME FOR THE UNITED STATES, THE STATES, AND FOR PUERTO RICO: 1990 AND 2000 -- Con.

Area	Median gross rent					
	1990			2000		
	Amount in dollars	Percentage of household income in 1989		Amount in dollars	Percentage of household income in 1989	
Number		Rank	Number		Rank	
Maryland	700	25.4	29	689	24.7	30
Virginia	632	25.8	25	650	24.5	31
Michigan	540	27.2	7	546	24.4	32
Arkansas	418	26.5	16	453	24.4	33
Illinois	569	25.9	23	605	24.4	34
Texas	505	24.6	40	574	24.4	35
South Carolina	482	24.4	43	510	24.4	36
Oklahoma	434	25.4	30	456	24.3	37
Delaware	634	24.7	38	639	24.3	38
North Carolina	488	24.4	42	548	24.3	39
New Hampshire	701	26.4	18	646	24.2	40
Ohio	483	25.3	31	515	24.2	41
Missouri	470	25.2	32	484	24.0	42
Kentucky	408	24.9	35	445	24.0	43
Indiana	477	24.3	44	521	23.9	44
Wisconsin	510	24.9	36	540	23.4	45
Kansas	474	24.5	41	498	23.4	46
Iowa	429	24.1	45	470	23.2	47
Nebraska	445	23.7	50	491	23.0	48
South Dakota	391	24.6	39	426	22.9	49
Wyoming	425	23.7	51	437	22.5	50
North Dakota	400	23.9	46	412	22.3	51
Puerto Rico	261	29.4	(X)	297	27.0	(X)

NA Not available.

1/ Adjusted to 2000 dollars, using CPI-U-RS factor 1.277636.

Source: U.S. Census Bureau, 1990 Census and Census 2000 Summary File 3, *Housing Costs of Renters: 2000; Census 2000 Brief*, Issued May 2003 - C2KBR-21, Table 2

<<http://www.census.gov/prod/2003pubs/c2kbr-21.pdf>> accessed September 18, 2003.

Table 14.08-- ANNUAL HOUSING COSTS IN HONOLULU AND SELECTED LOCATIONS IN THE UNITED STATES: 1995 TO 2002

[Annual housing costs include mortgage payments, homeowner's insurance, real estate taxes, utilities, and maintenance. The costs shown below are based on a 2,200 sq. ft., 8-room, 4-bedroom, 2.5-bath home in a representative community where middle income families reside. The sampling of locations in the table is based on an analysis of approximately 300 metropolitan areas in the U.S. At Standard City, USA, an average cost location, the home market value is \$222,700 in 2002]

Category	1995	1998	2001	2002
Expensive Locations				
San Jose, CA	427,800	525,400	860,100	746,700
San Francisco, CA	420,800	455,400	746,500	768,100
Honolulu, HI	438,200	390,200	403,600	415,400
Washington, DC	348,000	309,000	393,500	469,800
Los Angeles, CA	290,800	281,100	371,100	407,100
Boston, MA	244,800	285,900	359,400	436,900
San Diego, CA	246,000	252,600	358,000	384,200
New York, NY (excluding Manhattan)	272,100	276,700	336,100	394,400
Denver, CO	211,100	235,700	318,400	383,500
Chicago, IL	239,100	260,000	297,000	(NA)
Inexpensive Locations				
Port Arthur, TX	97,300	79,600	83,600	(NA)
Hobbs, NM	90,900	99,800	93,300	(NA)
Towanda, PA	124,500	101,900	103,600	(NA)
Lubbock, TX	105,700	113,200	114,600	(NA)
New Johnsonville, TN	103,200	109,900	116,300	126,200
Dunkirk, NY	122,400	124,300	124,800	131,700
San Antonio, TX	147,600	129,900	125,600	124,800
Kinston, NC	117,400	115,700	125,800	129,400
Ponca City, OK	121,900	113,000	127,000	133,300
New Orleans, LA	123,500	131,300	130,200	(NA)
Dalton, GA	(NA)	(NA)	(NA)	138,900
Kissimmee, FL	(NA)	(NA)	(NA)	137,300
Paducah, KY	(NA)	(NA)	(NA)	136,300
Rangely, CO	(NA)	(NA)	(NA)	127,800
Hobbs, NM	(NA)	(NA)	(NA)	95,700

NA Not available.

Source: Runzheimer International, "Runzheimer Compares 1995 - 2001 Housing Values Nationwide: 1998 - 2001", March 19, 2001 <<http://www.runzheimer.com/corpc/news/scripts/031901.asp>> accessed July 19, 2001; and "Runzheimer Analyzes Home Market Values Nationwide: May 22, 2002" and <<http://www.runzheimer.com/corpc/news/scripts/052202.asp>> accessed July 30, 2002.

Table 14.09-- MORTGAGE STATUS, MEDIAN SELECTED MONTHLY OWNER COSTS BY MORTGAGE STATUS AND AS A PERCENTAGE OF HOUSEHOLD INCOME: UNITED STATES AND HAWAII: 1990 AND 2000

[Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see www.census.gov/prod/cen2000/doc/sf3.pdf]

	United States	Hawaii
Specified owner-occupied		
1990	45,550,059	147,510
2000	55,212,108	173,861
Specified owner-occupied with a mortgage		
1990		
Number	29,811,735	102,601
Percent	65.4	69.6
2000		
Number	38,663,887	122,128
Percent	70.0	70.2
Specified owner occupied without a mortgage		
1990		
Number	15,738,324	44,909
Percent	34.6	30.4
2000		
Number	16,548,221	51,733
Percent	30.0	29.8
Median selected monthly owner costs (\$)		
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	(1/)
2000	10.5	(1/)

1/ 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 14.10-- MEDIAN SELECTED MONTHLY OWNER COSTS BY MORTGAGE STATUS AND AS A PERCENTAGE OF HOUSEHOLD INCOME, FOR THE UNITED STATES, THE STATES, AND FOR PUERTO RICO: 1990 AND 2000

[In dollars and percent. Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see <<http://www.census.gov/prod/cen2000/doc/sf3.pdf>>]

Area	Median selected monthly owner costs				Median selected monthly owner costs as a percentage of household income			
	With a mortgage		Without a mortgage		With a mortgage		Without a mortgage	
	1990	2000	1990	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	(1/)
Alaska	1,353	1,315	296	393	21.5	22.3	(1/)	(1/)
Arizona	983	1,039	240	268	22.8	22.1	(1/)	(1/)
Arkansas	655	737	221	240	20.0	19.4	12.1	(1/)
California	1,376	1,478	244	305	24.9	25.3	(1/)	(1/)
Colorado	1,022	1,197	259	277	22.5	22.6	10.8	(1/)
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	(1/)	(1/)
Dist. Of Col.	1,209	1,291	319	313	20.5	22.2	(1/)	(1/)
Florida	917	1,004	238	306	22.3	22.8	(1/)	10.5
Georgia	942	1,039	233	259	20.9	20.8	10.5	(1/)
Hawaii	1,288	1,636	217	271	21.4	26.3	(1/)	(1/)
Idaho	715	887	201	236	19.6	21.5	(1/)	(1/)
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	(1/)
Iowa	703	829	250	268	18.5	19.1	11.5	(1/)
Kansas	802	888	239	273	19.5	19.3	10.9	(1/)
Kentucky	684	816	192	214	18.8	19.6	(1/)	(1/)
Louisiana	759	816	215	232	20.6	19.6	11.2	(1/)
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	(1/)
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	(1/)
Minnesota	925	1,044	238	271	20.4	20.0	10.5	(1/)
Mississippi	653	752	202	232	20.8	20.4	11.8	(1/)
Missouri	767	861	226	249	19.1	19.5	10.0	(1/)
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	(1/)	(1/)

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Table 14.10-- MEDIAN SELECTED MONTHLY OWNER COSTS BY MORTGAGE STATUS AND AS A PERCENTAGE OF HOUSEHOLD INCOME, FOR THE UNITED STATES, THE STATES, AND FOR PUERTO RICO: 1990 AND 2000 -- Con.

Area	Median selected monthly owner costs				Median selected monthly owner costs as a percentage of household income			
	With a mortgage		Without a mortgage		With a mortgage		Without a mortgage	
	1990	2000	1990	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	(1/)	(1/)
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	(1/)
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	(1/)
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	(1/)
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	(1/)
Texas	908	986	247	296	20.9	20.1	11.5	10.9
Utah	851	1,102	236	249	20.9	22.9	(1/)	(1/)
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	(1/)	(1/)
Washington	942	1,268	248	338	20.4	23.8	(1/)	10.4
West Virginia	636	713	183	207	18.5	19.5	(1/)	(1/)
Wisconsin	866	1,024	321	333	20.1	20.9	12.8	11.2
Wyoming	781	825	207	229	19.4	19.7	(1/)	(1/)
Puerto Rico	408	625	82	124	22.3	27.9	(1/)	12.5

1/ 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 14.11-- HOME MARKET VALUES IN HONOLULU AND SELECTED UNITED STATES AND CANADIAN LOCATIONS: DECEMBER 2003

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

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

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

**Table 14.12-- COST OF LIVING ANALYSES FOR HONOLULU
AND THE UNITED STATES AVERAGE: JANUARY 1, 2003**

[At the U.S. National Average assumed consumption patterns vary according to income level. The Reference profiles for cost-of-living model rental (approximates the rental equivalent of owner-occupied housing) situations only. The Institute model may be considered as an evolution of the U.S. Department of Labor's "Urban Family of Four" model which the Bureau of Labor Statistics discontinued in 1981]

Category	Income level 1 1/	Income level 2 2/	Income level 3 3/	Income level 4 4/
U.S. national average	10,712	24,000	48,000	72,000
Rent, utilities	4,201	8,263	14,594	19,433
Taxes: federal, state, payroll	1,550	4,564	9,729	16,833
Consumables	3,682	6,802	12,629	17,101
Transportation	641	1,943	4,592	7,723
Health services	638	1,166	1,913	2,206
Miscellaneous	(NA)	1,262	4,543	8,704
Honolulu total	20,655	42,614	80,832	116,343
Rent, utilities	11,464	21,776	37,660	49,981
Taxes: federal, state, payroll	1,797	5,239	10,804	18,504
Consumables	5,756	10,341	19,332	26,119
Transportation	864	2,600	6,186	10,380
Health services	774	1,396	2,307	2,655
Miscellaneous	(NA)	1,262	4,543	8,704
Honolulu indexed to U.S. average	192.8	177.6	168.4	161.6
Rent, utilities	272.9	263.5	258.1	257.2
Taxes: federal, state, payroll	115.9	114.8	111.0	109.9
Consumables	156.3	152.0	153.1	152.7
Transportation	134.8	133.8	134.7	134.4
Health services	121.3	119.7	120.6	120.4
Miscellaneous	(NA)	100.0	100.0	100.0

NA Not available.

1/ Income level \$10,712 assumes a single, minimum wage earner living with friends or parents, contributing partial rent (assume 23.4 percent or less of income spent on housing costs) and no automobile.

2/ Income level \$24,000 assumes a single parent of one child in a rented apartment (900 square foot), holding one or more jobs, and automobile.

3/ Income level \$48,000 assumes two adults (filing as married), ages 32, two jobs, one child, two automobiles, and renting a three-bedroom home (1,560 square foot).

4/ Income level \$72,000 assumes two adults (filing as married), age 37, two jobs, two children, two automobiles, and renting a three-bedroom home (2,200 square foot) with two-car garage.

Source: ERI Economic Research Institute, *Geographic Reference Report 2003*, pgs. 118 and 300.

**Table 14.13-- HOUSING'S MOST EXPENSIVE AND MOST AFFORDABLE
MARKETS IN EACH STATE: 2003**

[The home market values shown in the table below are based on 2,200 sq. ft., single-family dwelling with 4-bedroom, 2.5-bath home, family rooms and 2-car garage in typical middle-management transferee neighborhood. The sampling of locations is based on an analysis of more than 300 markets]

State	Most expensive	Average sales price	Most affordable	Average sales price
Alabama	Huntsville	182,075	Mobile	179,325
Alaska	Juneau	402,833	Fairbanks	213,300
Arizona	Scottsdale	321,900	Mesa	178,666
Arkansas	Fayetteville	172,350	Fort Smith	157,100
California	La Jolla	1,362,375	Bakersfield	215,842
Colorado	Boulder	424,475	Colorado Springs	170,505
Connecticut	Greenwich	1,170,600	Litchfield Cty/Torrington	258,625
Delaware	Wilmington	313,250	(NA)	(NA)
Florida	Miami/Coral Gables	588,000	Pensacola	162,333
Georgia	Atlanta	271,250	Dalton	166,000
Hawaii	Kailua-Kona	906,250	Kihei, Maui	493,025
Idaho	Boise	184,958	Coeur d'Alene	173,800
Illinois	Chicago	610,375	Rockford	151,225
Indiana	Munster	268,936	Fort Wayne	155,075
Iowa	Des Moines	196,600	Sioux City	139,500
Kansas	Overland Park	223,414	Topeka/Shawnee County	136,266
Kentucky	Louisville	212,125	Florence	187,300
Louisiana	New Orleans	229,350	Lafayette	160,666
Maine	Portland	307,775	Lewiston/Auburn	155,300
Massachusetts	Wellesley	959,048	Worcester	305,450
Michigan	Ann Arbor	296,800	Indian River	162,000
Minnesota	Edina	334,000	Moorhead/Clay County	155,800
Mississippi	Jackson	184,250	Gulf Port/Biloxi	149,520
Missouri	St. Louis	193,466	Springfield	158,250
Montana	Kalispell	198,250	Billings	138,725
Nebraska	North Platte	185,666	Kearny	177,125
Nevada	Reno/Sparks	270,424	Las Vegas	204,975
New Hampshire	Hanover	458,915	Amherst	296,625
New Jersey	Ridgewood	701,000	Turnersville/Gloucester Cty	206,000
New York	Nassau	806,250	Binghamton	121,400
North Carolina	Raleigh	211,167	Fayetteville	164,668
North Dakota	Fargo	171,171	Minot	129,075
Ohio	Cincinnati	221,166	Dayton	166,975
Oklahoma	Tulsa	136,625	Oklahoma City	132,670
Oregon	Bend	298,411	Salem	215,725
Pennsylvania	Philadelphia	466,225	Reading	169,372
Rhode Island	Providence	275,100	(NA)	(NA)

Continued on next page.

Table 14.13-- HOUSING MARKET'S MOST EXPENSIVE AND MOST AFFORDABLE CITIES IN EACH STATE: 2003 -- Con.

State	Most expensive	Average sales price	Most affordable	Average sales price
South Carolina	Charleston	274,666	Greenville	154,746
South Dakota	Sioux Falls	161,475	Aberdeen	138,000
Tennessee	Nashville	183,975	Knoxville	141,625
Texas	Dallas	228,725	Killeen	127,175
Utah	Salt Lake City	226,941	Provo	207,440
Vermont	Burlington	276,250	Montpelier	210,500
Virginia	Alexandria City	675,000	Norfolk/Virginia Beach	183,300
Washington	Bellevue	450,967	Spokane	193,039
West Virginia	Charleston	190,667	Parkersburg	141,250
Wisconsin	Milwaukee	253,000	Eau Claire	146,400
Wyoming	Cheyenne	177,200	(NA)	(NA)

NA Not available.

Source: Coldwell Banker, "Housing's Most Expensive and Most Affordable Markets Identified Through 2003 Coldwell Banker Home Price Comparison Index (HPCI)", October 23, 2003
 <<http://www.coldwellbanker.com/>> accessed June 8, 2004.

**Table 14.14-- VEHICLE MAINTENANCE COSTS IN SELECTED
LOCATIONS IN THE UNITED STATES: 2003**

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

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

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

**14.15-- AVERAGE GASOLINE PRICE FOR THE UNITED STATES AND FOR
THE STATES: MAY 12, 2004**

[Over 60,000 retail gasoline self-serve stations are surveyed daily. Prices are in cents per gallon.
Rank of 1 indicates highest price per gallon. Rank is among 50 states and District of Columbia]

State	Regular	Mid	Premium	Diesel
Hawaii	2.177	2.302	2.345	2.292
Hawaii Rank	4	4	5	2
U. S. average	1.930	2.050	2.123	1.803
Hawaii as percent of U.S. average	112.8	112.3	110.5	127.1
Alaska	2.006	2.123	2.244	1.858
Alabama	1.820	1.946	2.003	1.654
Arkansas	1.846	1.948	2.072	1.691
Arizona	2.118	2.209	2.337	2.195
California	2.248	2.393	2.433	2.465
Colorado	1.944	2.079	2.172	1.900
Connecticut	1.974	2.143	2.199	1.853
District of Columbia	1.943	2.069	2.130	1.909
Delaware	1.900	2.019	2.108	1.752
Florida	1.914	2.073	2.112	1.803
Georgia	1.806	1.941	2.028	1.613
Hawaii	2.177	2.302	2.345	2.292
Iowa	1.899	1.999	2.095	1.733
Idaho	2.013	2.125	2.183	2.106
Illinois	1.998	2.149	2.216	1.845
Indiana	1.921	2.066	2.125	1.713
Kansas	1.941	1.993	2.071	1.777
Kentucky	1.869	2.004	2.095	1.640
Louisiana	1.821	1.941	2.032	1.659
Massachusetts	1.904	2.047	2.125	1.807
Maryland	1.894	2.014	2.065	1.756
Maine	1.918	2.069	2.127	1.784
Michigan	1.968	2.084	2.168	1.754
Minnesota	1.929	2.006	2.059	1.724
Missouri	1.852	1.928	2.040	1.641
Mississippi	1.828	1.928	2.015	1.615
Montana	1.975	2.059	2.158	1.944
North Carolina	1.831	1.943	2.029	1.669
North Dakota	1.951	2.019	2.091	1.744
Nebraska	1.966	2.009	2.066	1.766
New Hampshire	1.863	2.017	2.089	1.741
New Jersey	1.815	1.946	2.020	1.652
New Mexico	1.889	2.012	2.099	1.874
Nevada	2.220	2.340	2.426	2.273
New York	2.025	2.167	2.213	1.888

Continued on next page.

**14.15-- AVERAGE GASOLINE PRICE FOR THE UNITED STATES AND FOR
THE STATES: MAY 12, 2004 -- Con.**

State	Regular	Mid	Premium	Diesel
Ohio	1.905	2.032	2.113	1.751
Oklahoma	1.858	1.921	2.028	1.628
Oregon	2.212	2.334	2.369	2.196
Pennsylvania	1.913	2.017	2.106	1.806
Rhode Island	1.960	2.085	2.154	1.836
South Carolina	1.780	1.892	1.984	1.616
South Dakota	1.919	2.042	2.126	1.756
Tennessee	1.831	1.938	2.031	1.663
Texas	1.798	1.903	1.971	1.669
Utah	1.977	2.085	2.176	2.077
Virginia	1.818	1.908	1.981	1.674
Vermont	1.880	2.023	2.111	1.840
Washington	2.173	2.251	2.363	2.237
Wisconsin	2.007	2.083	2.180	1.798
West Virginia	1.937	2.025	2.126	1.767
Wyoming	1.858	1.937	2.064	1.847

Source: AAA's Daily Fuel Gauge Report© Copyright, Oil Price Information Service, National Average <<http://198.6.95.31/index.asp>> and State by State Averages <<http://198.6.95.31/sbsavg.asp>> accessed May 12, 2004; and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 14.16-- DOWNTOWN PARKING RATES HONOLULU AND
AVERAGE NORTH AMERICA: JULY 2003**

[In number, dollars and percent]

Market	Segment	Honolulu	North America average	Honolulu as percent of North America average
Monthly unreserved	Parking rate – high	200.00	183.57	109.0
Monthly unreserved	Parking rate – low	125.00	101.21	123.5
Monthly unreserved	Parking rate – average	175.00	140.52	124.5
Monthly reserved	Parking rate – high	300.00	245.91	122.0
Monthly reserved	Parking rate – low	200.00	155.34	128.7
Monthly reserved	Parking rate – average	250.00	192.32	130.0
Daily parking	Rate – high	48.00	18.29	262.4
Daily parking	Rate – low	30.00	8.80	340.9
Daily parking	Rate – average	35.00	13.45	260.2
Garages offering additional services (percent)		20.0	20.3	98.5
Garages with waiting lists (percent)		75.0	16.9	443.3
Typical wait period (number of months)		(NA)	3.3	(X)
Availability of parking		Limited	(X)	(X)

NA Not available.

X Not applicable.

Source: Colliers International: *North America CBD (Central Business District) Parking Rate Survey 2003: Highlights North America Monthly Parking Rates Parking Garages Feel Effects of Down Economy July 2003* ,
<http://www.colliers.com/Content/Repositories/Base/Corporate/English/Market_Report_Corporate/PDFs/ColliersParkingRateSurvey2003.pdf> accessed October 2, 2003

**Table 14.17-- COST OF LIVING INDEX FOR SELECTED MAJOR CITIES
IN THE UNITED STATES AND RANK WORLDWIDE: 2003 AND 2004**

[The survey, which covers 144 cities worldwide, measures the comparative cost of over 200 items in each location, including housing, food, clothing, utilities, transportation, and entertainment costs. Listed in order of rank in 2004. Rank of 1 indicates most expensive city. New York City=100.0]

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

Source: William M. Mercer Companies, LLC, Mercer USA Center: Corporate Resource Group, "World-wide cost of living survey – 2003 – city rankings", <<http://www.mercerhr.com/pressrelease/details.jhtml/dynamic/idContent/1096495>> accessed June 18, 2003. "World-wide cost of living survey – 2004 – city rankings", <<http://www.mercerhr.com/pressrelease/details.jhtml/dynamic/idContent/1142150>> accessed June 16, 2004.

**Table 14.18-- PAY DIFFERENTIALS AND COST OF LIVING INDEXES FOR
FEDERAL EMPLOYEES IN HAWAII RELATIVE TO WASHINGTON, D.C.,
BY COUNTY: 1997 TO 2001**

Effective or Survey Date	Allowance category	Honolulu	Hawaii	Maui	Kauai
	ALLOWANCE RATES				
March 25, 1997	All employees 1/	22.50	15.00	22.50	22.50
December 2, 1997	All employees 1/	22.50	15.00	22.50	22.50
October 21, 1998	All employees 2/	25.00	15.00	22.50	22.50
October 3, 2000	All employees 3/	25.00	16.50	23.75	23.25
November 9, 2001	All employees 4/	25.00	16.50	23.75	23.25
	INDEXES				
1996 Survey	Cost of Living Index 5/	121.95	111.89	121.36	121.36
1998 Survey	Cost Comparison Index 6/	124.51	110.89	120.32	117.19

1/ Interim Rule issued on March 25 and Final Rule issued on December 2, 1997.

2/ As Interim Rule on October 21 and as corrected on November 13, 1998. Final Rule published July 17, 2000, effective August 16, 2000. Current law prohibits reduction in COLA rates through December 31, 2000. As part of the COLA Research in the litigation Carabello et al vs United States and as requested by Congress, an Interim Rates and Survey Schedule was announced but not yet enacted. The rates, as of October 1, 2000, are raised for Hawaii and Maui to 16.50 and 23.75 percent respectively. The Interim Rates as well as those for Kauai may increase further depending upon the results of the 1998 price surveys and the surveys conducted under the New Regulations. For further discussion see OMP, Non-Foreign Area Cost-of-Living Allowances, Special COLA Research Announcement, July 17, 2000 and <http://www.opm.gov/oca/cola/html/cola-n.htm>.

3/ Interim rule and invitation for comment issued in Federal Register: Vol. 65, No. 192.

4/ Final rule issued in Federal Register:

5/ Washington, D.C. living costs=100. Based on a survey of comparative costs for Federal employees in February 1996. The Survey was conducted and indexes calculated by Runzheimer International. The detailed methodology is described in the *Federal Register*: March 25, 1997.

6/ Similar explanation to footnote 4/ except the survey period was 1998 and publication in the *Federal Register* was July 17, 2000.

Source: U.S. Office of Personnel Management, Federal Register Online via GPO Access <<http://www.wais.access.gpo.gov>>, Vol. 62, No. 57, March 25, 1997 (pp. 14187-14189); Vol. 62, No. 231, December 2, 1997 (pp. 63630-63631); Vol. 63, No. 203, October 21, 1998 (pp. 56430-56431); Vol. 63, No. 219, November 13, 1998 (p. 63385) and <<http://www.opm.gov/oca/cola/html/c-rates.html>> accessed May 15, 2000. OMP-announced Federal COLA Retro Settlement, 06-23-00 and further developments <http://www.opm.gov/oca/compmemo/2000/2000-10.htm>
OMP, Non-Foreign Area Cost-of-Living Allowances, Special COLA Research Announcement, July 17, 2000; OMP, Cost-of-Living Allowances Vol. 65, No. 192, October 3, 2000 (58901-58902) and <http://www.opm.gov/oca/cola/html/c-rates.html> accessed March 19, 2002.

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

[Index number continental United States=100]

Effective Date	Locality	Locality Code 1/	Index
August 1, 2003	Hawaii, Island of	HI001	126
September 1, 1998	Kauai	HI003	128
June 1, 2004	Maui	HI005	138
June 1, 2004	Molokai	HI007	138
June 1, 2004	Oahu	HI009	120

1/ Assigned by the Department of Defense to identify each area entitled to COLA. Location code HI999 - Other Islands is a valid location but COLA is not currently prescribed for this Hawaii location.

Source: U.S. Department of Defense, Per Diem, Travel and Transportation Committee, Overseas Cost-of-Living Program
 <<http://141.116.74.201/appendix-j/2004-COLA-Indexes/2004-07-01-COLA-INDEXES.pdf>> accessed June 28, 2004.

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

[In dollars per day. To calculate a per diem rate: maximum lodging plus meals (local, proportional, government) plus incidental rate (local or onbase) as specified in the travel orders]

Locality	Maximum per diem rate 1/	Maximum lodging	Local meals rate	Proportional meals rate	Local incidental rate	Effective date
Camp H M Smith	220	129	73	41	18	June 1, 2004
EASTPAC Naval Comp Tele Area	220	129	73	41	18	June 1, 2004
Ft. Derussey	220	129	73	41	18	June 1, 2004
Ft. Shafter	220	129	73	41	18	June 1, 2004
Hickam Air Force Base	220	129	73	41	18	June 1, 2004
Honolulu (incl Nav & MC Res Ctr)	220	129	73	41	18	June 1, 2004
Isle of Hawaii: Hilo	180	100	64	36	16	June 1, 2003
Isle of Hawaii: other	229	150	63	36	16	June 1, 2003
Isle of Kauai	251	158	74	41	19	June 1, 2004
Isle of Maui	254	159	76	42	19	June 1, 2004
Isle of Oahu	220	129	73	41	18	June 1, 2004
Kekaha Pacific Missile Range Fac	251	158	74	41	19	June 1, 2004
Kilauea Military Camp	180	100	64	36	16	June 1, 2003
Lanai	548	400	118	63	30	June 1, 2004
Lualualei Naval Magazine	220	129	73	41	18	June 1, 2004
MCB Hawaii	220	129	73	41	18	June 1, 2004
Molokai	184	93	73	41	18	June 1, 2004
NAS Barbers Point	220	129	73	41	18	June 1, 2004
Pearl Harbor [incl all military]	220	129	73	41	18	June 1, 2004
Schofield Barracks	220	129	73	41	18	June 1, 2004
Wheeler Army Airfield	220	129	73	41	18	June 1, 2004
Other 2/	133	72	49	29	12	January 1, 2000

1/ For reimbursement of subsistence expenses incurred during official OCONUS (Outside Continental United States) travel.

2/ 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

<<http://www.dtic.mil/perdiem/perdiemrates.html>> accessed May 27, 2004.

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, Dun and Bradstreet, Inc., local health insurance plans, the Hawaii Credit Union League, the *1997 Census of Finance and Insurance*, and the annual report on *County Business Patterns* issued by the U.S. Census Bureau. *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: 2003*.

**Table 15.01-- NUMBER OF FINANCIAL INSTITUTIONS, BY TYPES:
1993 TO 2003**

[Includes main offices, but excludes out-of-State branches of Hawaii-based institutions.
As of December 31]

Type of charter, island, and year	Banks		Savings and loan associations		Trust companies		Financial services loan companies	
	Firms	Locations	Associations	Locations	Firms	Locations	Firms	Locations
1993	8	179	6	146	4	7	66	160
1994	7	184	6	154	1	3	41	155
1995	6	190	6	159	1	3	40	164
1996	6	191	6	161	1	3	42	167
1997	6	191	4	121	-	-	40	157
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
TYPE OF CHARTER: 2003								
Federal	1	15	2	86	-	-	-	-
State 1/	5	178	1	2	-	-	29	93
ISLANDS: 2003								
Hawaii	5	26	3	9	-	-	6	15
Maui	5	24	2	10	-	-	7	9
Lanai	2	2	-	-	-	-	-	-
Molokai	1	1	1	1	-	-	1	1
Oahu	6	125	3	61	-	-	26	63
Kauai	4	15	2	7	-	-	5	5
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 ESTABLISHMENTS: 2001

[Data refer to establishments with taxable payrolls. Excludes government and self-employed workers. 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	Major group	Establishments	Number of employees 1/	Annual payroll (\$1,000)
52	Total	1,373	18,104	808,711
522	Credit intermediation & related activities	686	10,055	410,820
5221	Depository credit intermediation	460	8,963	353,273
52211	Commercial banking	231	5,850	256,943
52212	Savings institutions	101	(G)	(D)
52213	Credit unions	128	(G)	(D)
5222	Nondepository credit intermediation	147	798	44,030
5223	Activities related to credit intermediation 2/	79	294	13,517
52231	Mortgage & nonmortgage brokers	49	185	9,952
523	Security, commodity contracts and like activities 2/	198	(G)	(D)
5231	Scrtcy & comdty contracts intermed & brokerage	91	815	71,182
524	Insurance carriers & related activities	484	(I)	(D)
5241	Insurance carriers 2/	133	3,970	171,665
52411	Direct life, health, medical insurance carriers	67	2,547	104,451
5242	Agencies & other insurance related activities 2/	351	(G)	(D)
52421	Insurance agencies and brokerages	301	1,764	78,144
525	Funds, trusts, & other financial vehicles (part)	5	(B)	(D)

B 20 to 99.

G 1,000 to 2,499.

I 5,000 to 9,999.

D Withheld to avoid disclosing data for individual companies.

1/ For week including March 12.

2/ Includes subgroups not shown separately.

Source: U.S. Census Bureau, *County Business Patterns 2001, Hawaii*, CBP/01-13 (April 2003), p. 17
 <<http://www.census.gov/prod/www/abs/cbptotal.html>> accessed April 10, 2003.

Table 15.03-- CHARACTERISTICS OF THE FINANCE AND INSURANCE SECTOR (NAICS 52): 1997

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

NAICS code	Kind of business	Establishments	Revenue (\$1,000)	Annual payroll (\$1,000)	Paid employees 1/
52	Total	1,573	(N)	775,139	21,757
522	Credit intermediation & related activities	863	2,921,138	417,657	13,293
5221	Depository credit intermediation	592	2,595,952	362,337	11,748
52211	Commercial banking	300	1,691,491	264,080	8,157
52212	Savings institutions	156	627,286	60,353	2,238
52213	Credit unions	136	277,175	37,904	1,353
5222	Nondepository credit intermediation	193	294,069	45,103	1,199
5223	Activities related to credit intermediation 2/	78	31,117	10,217	346
52231	Mortgage & nonmortgage loan brokers	52	16,569	7,250	242
523	Securities, intermediation & related activities 2/	170	371,340	88,895	1,552
5231	Scrt'y & comdty contracts intermed & brokerage	74	144,574	48,078	675
524	Insurance carriers & related activities	534	(N)	265,519	6,881
5241	Insurance carriers 2/	152	(N)	169,473	4,151
52411	Direct life, health, medical insurance carriers	72	(Q)	109,274	2,872
5242	Agencies & other insurance related activities 2/	382	254,030	96,046	2,730
52421	Insurance agencies & brokerages	315	207,650	73,011	2,045
525	Funds, trusts, & other financial vehicles (part)	6	37,924	3,068	(b)

N Not available or not comparable.

Q Revenue not collected at this level of detail for multiestablishment firms.

b 20 to 99 employees.

1/ Pay period including March 12.

2/ Includes subgroups not shown separately.

Source: U.S. Census Bureau, *1997 Economic Census, Finance and Insurance, Geographic Area Series, Hawaii*, EC97F52A-HI (January 2000), table 1 <<http://www.census.gov/prod/ec97/97f52-hi.pdf>>.

Table 15.04-- CHARACTERISTICS OF STATE-CHARTERED FINANCIAL INSTITUTIONS, BY TYPES: 2001 TO 2003

[Includes out-of-state branches and facilities. Includes only institutions chartered by the State of Hawaii. As of December 31]

Subject	2001	2002	2003
BANKS			
Number of banks	4	4	4
Number of branches and agency offices	196	199	196
Assets (million dollars)	22,558.4	1/ 22,458.4	23,504.5
Deposits (million dollars)	15,763.3	1/ 16,708.1	17,442.0
SAVINGS AND LOAN ASSOCIATIONS			
Number of associations	1	-	-
Number of branches and facilities	17	-	-
Assets (million dollars)	553.7	-	-
Withdrawable shares (million dollars)	476.7	-	-
DEPOSITORY FINANCIAL SERVICES LOAN COMPANIES 2/			
Number of companies	3	2	2
Number of branches and agency offices	14	14	16
Assets (million dollars)	488.2	494.0	474.2
Deposits	(NA)	408.6	385.3
NONDEPOSITORY FINANCIAL SERVICES LOAN COMPANIES			
Number of companies	(NA)	(NA)	27
Number of branches and facilities	(NA)	(NA)	79
Assets (million dollars)	(NA)	4,136.9	4,046.6

NA Not available.

1/ Revised from previous *Data Book* .

2/ Same as "Financial Services Loan Companies" that issue investment certificates which was used in previous *Data Books* .

Source: Hawaii State Department of Commerce and Consumer Affairs, Division of Financial Institutions, *Comparative Statements of Condition* (semi-annual) <<http://www.hawaii.gov/dcca/dfi/publications01.html>> accessed May 18, 2004.

**Table 15.05-- CHARACTERISTICS OF COMMERCIAL BANKS
HEADQUARTERED IN HAWAII, BY ASSET SIZE:
DECEMBER 31, 2003**

[Includes their out-of-State branches and facilities. Excludes data for banks with branches and facilities in Hawaii but headquartered outside Hawaii]

Subject	All banks	Banks with assets of \$100 million to \$1 billion	Banks with assets of more than \$1 billion
Number of institutions reporting	6	2	4
Total employees (full-time equivalent)	6,244	379	5,865
ASSETS AND LIABILITIES (MILLION DOLLARS)			
Assets	24,393	888	23,504
Loans and leases	14,168	575	13,593
Foreign 1/	935	19	916
Domestic 2/	13,233	556	12,677
Securities	6,032	182	5,850
Liabilities	21,326	811	20,514
Deposits	18,218	776	17,442
Foreign 1/	1,286	-	1,286
Domestic 2/	16,933	776	16,156
Equity capital	3,067	77	2,990
Loan loss allowance	267	12	255
Unused loan commitments	6,542	155	6,386
ASSET QUALITY (PERCENT OF LOANS)			
Loan loss allowance	1.882	2.090	1.874
Past due and non-accrual	1.160	1.172	1.159
Real estate	0.647	1.164	0.618
Commercial and industrial	1.974	1.012	1.979
Consumer	1.133	0.890	1.143

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 June 17, 2004; Federal Reserve Bank of San Francisco, records; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 15.06-- CREDIT UNIONS: 1998 TO 2003

[As of December 31]

Year	Number of credit unions	Assets (dollars)	Shares (dollars)	Loans (dollars)	Number of credit union members
1998	109	3,792,497,472	3,268,297,338	1,926,800,064	578,228
1999	106	3,911,738,643	3,371,485,432	2,009,440,975	590,118
2000	102	4,104,126,744	3,525,977,325	2,179,039,874	612,249
2001	100	4,728,673,376	4,120,888,846	2,333,024,575	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

Source: Hawaii Credit Union League, records.

**Table 15.07-- INSURANCE BUSINESS TRANSACTED IN HAWAII:
1997 TO 2002**

[Includes data for all insurance companies, life or other, licensed in Hawaii]

Year	Number of companies licensed, Dec. 31	Premiums paid (\$1,000)	Losses, claims and benefits paid (\$1,000)	Cumulative net investments in Hawaii, Dec. 31 1/ (\$1,000)
1997	942	2,082,792	1,335,507	4,548,573
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	2/ 1,648,415	3,609,657
2002	969	2,429,982	1,500,930	3,433,944

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/reports/index.html>> accessed April 12, 2004.

**Table 15.08-- LIFE INSURANCE BUSINESS TRANSACTED IN HAWAII:
1997 TO 2002**

[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)
1997	483	8,136,599	61,707,533	497,357	668,174
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	438	8,497,926	77,883,570	546,095	792,006

1/ Includes insurance revived, increased, or transferred. Excludes annuities. Data not audited.

2/ Excludes annuities. Data not audited.

3/ Life insurance portion excludes annuities, but fraternal portion includes it.

Source: Hawaii State Department of Commerce and Consumer Affairs, *Report of the Insurance Commissioner of Hawaii* (annual) <<http://www.hawaii.gov/dcca/reports/index.html>> accessed April 12, 2004 and records.

Table 15.09-- INSURANCE PREMIUMS AND LOSSES PAID, BY CLASS OF INSURANCE: 2002

[Dollars]

Class of insurance	Premiums	Losses, claims, and benefits paid
All classes	2,429,981,566	1,500,929,553
Life 1/ Fraternal	540,321,205 5,774,006	788,565,781 3,440,161
Fire, marine, casualty, and miscellaneous:		
Accident and health	228,761,011	110,399,436
Fire	28,203,086	3,769,117
Allied lines	23,982,198	3,015,730
Multiple peril crop	1,364,538	1,321,921
Federal flood	12,382,394	227,906
Farmowners multiple peril	15,913	4,188
Homeowners multiple peril	163,479,407	34,452,897
Commercial multiple peril (fire & allied lines)	65,769,471	8,657,019
Commercial multiple peril (liability portion)	50,777,999	18,760,593
Mortgage guaranty	28,653,317	9,234,459
Ocean marine	11,897,366	4,434,317
Inland marine	22,014,942	9,407,707
Financial guaranty	4,320,962	-
Medical malpractice	25,148,873	15,935,852
Earthquake	1,267,342	-
Workers' compensation	269,522,284	117,311,740
Other liability	120,270,205	30,617,197
Products liability	8,771,463	5,514,352
Private passenger auto no-fault	66,443,576	45,573,374
Other private passenger auto liability	273,131,244	134,529,189
Commercial auto no-fault	5,844,692	3,056,151
Other commercial auto liability	72,135,666	25,303,586
Private passenger auto physical damage	168,122,442	99,157,379
Commercial auto physical damage	18,420,438	8,934,494
Aircraft	26,669,330	7,012,459
Fidelity	3,832,859	716,067
Surety	23,836,935	1,536,920
Burglary and theft	173,427	36,947
Boiler and machinery	3,042,732	2,688,882
Credit	1,515,956	725,196
Title	62,313,247	3,005,544
All other	6,961,917	3,582,992
Surplus lines	84,839,123	(NA)

NA Not available.

1/ Excludes annuities.

Source: Hawaii State Department of Commerce and Consumer Affairs, *Report of the Insurance Commissioner of Hawaii, 2003*, p. 6

<http://www.hawaii.gov/dcca/pdf/reports_insurance_commissioner_hawaii_2003.pdf> accessed April 12, 2004.

**Table 15.10-- INSURANCE BUSINESS TRANSACTED IN HAWAII, BY
LOCATION OF HOME OFFICE: 2002**

[Money amounts in millions of dollars. For all insurance companies
licensed to do business in Hawaii]

Subject	All companies	Domestic com- panies 1/	Foreign com- panies 2/	Alien com- panies 3/ (U.S. business only)
Number of companies, Dec. 31				
Life incl. Fraternal Benefit Societies	438	4	428	6
Other than life	531	16	509	6
Financial condition, Dec. 31:				
Assets	4,014,500.0	1,550.8	3,979,822.8	33,126.5
Liabilities exc. capital and surplus	3,570,066.2	1,114.1	3,540,220.4	28,731.7
Policyholders' surplus incl. capital	444,433.8	436.7	439,602.3	4,394.8
Capital	8,320.8	51.5	8,253.3	16.0
Net income or loss	15,587.8	32.4	15,989.3	-433.9
Hawaii business 4/:				
Direct premiums written	3,329.7	605.4	2,694.9	29.4
Claims and benefits paid	1,747.7	233.1	1,496.2	18.4
Investments in Hawaii, Dec. 31	3,433.9	129.0	3,302.2	2.7
Mortgage loans (principal indebtedness)	969.3	80.2	889.1	-
Collateral loans (amount loaned)	23.7	-	23.7	-
State and county bonds 5/	941.0	14.1	926.8	-
Utilities stocks and bonds 5/	344.8	-	344.8	-
Industrial and miscellaneous stocks and bonds 5/	917.3	29.4	885.2	2.7
Real estate 6/	237.9	5.3	232.5	-
Balances in Hawaii banks, Dec. 31	101.9	42.4	59.5	-

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/ Totals calculated by the Hawaii State Department of Business, Economic Development & Tourism.

5/ Market value.

6/ Market value less encumbrances.

Source: Hawaii State Department of Commerce and Consumer Affairs, *Report of the Insurance Commissioner of Hawaii, 2003*, pp. 15-45

<http://www.hawaii.gov/dcca/pdf/reports_insurance_commissioner_hawaii_2003.pdf> accessed

April 12, 2004; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 15.11-- HEALTH PLANS: 2000 TO 2003

Subject	2000	2001	2002	2003
Hawaii Medical Service Association:				
Persons covered, Dec. 31 1/	491,257	2/ 629,331	668,493	677,140
Membership dues 3/ (\$1,000)	1,118,980	2/ 1,213,569	1,569,669	1,757,790
Health Plan Hawaii: 2/				
Persons covered, Dec. 31 1/	125,003	2/ 2,195	(X)	(X)
Membership dues 3/ (\$1,000)	204,865	2/ 158,253	(X)	(X)
Queen's Hawaii Care:				
Persons covered, Dec. 31 1/	4/ 40,889	4/ 14,758	5/ 13,075	(5/)
Membership dues 3/ (\$1,000)	4/ 80,642	4/ 29,972	5/ 13,007	(5/)
Kaiser Foundation Health Plan:				
Persons covered: 1/				
Annual average	213,099	222,934	230,142	234,186
Dec. 31	217,262	225,455	233,646	235,192
Membership dues 3/ (\$1,000)	358,509	388,535	435,007	452,652
University Health Alliance:				
Persons covered, Dec. 31 1/	19,290	30,043	25,586	25,865
Membership dues 3/ (\$1,000)	25,162	56,003	6/ 54,554	57,082
Commercial carrier premiums for accident and health insurance (\$1,000)	204,821	211,841	228,761	(NA)

X Not applicable.

NA Not available.

1/ Subscribers and dependents, whether on a group or individual basis.

2/ Health Plan Hawaii is an HMSA affiliate HMO. Beginning in July 2001, Health Plan Hawaii's (HPH) commercial membership was transitioned into HMSA as a line of business. The transition of the HPH membership to HMSA as a line of business was completed by January 1, 2002. This explains the relative change in the membership and the membership dues of HMSA and HPH between 2000 and 2002.

3/ Includes both employers' and employees' contributions.

4/ Queen's Hawaii Care only. Queen's Island Care and Queen's Preferred Plan ceased operations effective April 1, 2001.

5/ Queen's Hawaii Care ceased operations effective June 30, 2002. Data are for persons covered on June 30, 2002 and membership dues up to June 30, 2002.

6/ Revised from previous *Data Book*.

Source: Data provided by Hawaii Medical Service Association, Queen's Health Plans, Kaiser Foundation Health Plan, Inc. and University Health Alliance; Hawaii State Department of Commerce and Consumer Affairs, *Report of the Insurance Commissioner* (annual).

Table 15.12-- PERCENT OF PERSONS NOT COVERED BY HEALTH INSURANCE: ANNUAL AND TWO-YEAR AVERAGES FOR 2000 TO 2002

[Health verification questions were added to the survey used to collect the 2000 data.
Information shown in *Data Books* prior to 2001, however, are not comparable]

Subject	Annual			Two-year moving average	
	2000	2001	2002	2000-2001	2001-2002
Hawaii					
Percent not covered	10.1	9.6	10.0	9.5	9.8
Standard error 1/	1.3	0.4	0.7	2/ 0.8	0.9
Rank 3/	12	4/ 11	8	11	8
U.S.					
Percent not covered	14.2	14.6	15.2	14.4	14.9
Standard error 1/	0.2	0.2	0.2	0.1	0.1

1/ Plus or minus percent. Ninety percent confidence interval.

2/ Revised from previous *Data Book*.

3/ Among 50 states, with lowest percentage ranking 1.

4/ Tied with two other states.

Source: U.S. Census Bureau, "Health Insurance Coverage: 2002" (September 2003)

<<http://www.census.gov/prod/2003pubs/p60-223.pdf>> accessed September 30, 2003.

Table 15.13-- AVERAGE EXPENDITURES AND PREMIUMS FOR PERSONAL AUTOMOBILE INSURANCE, FOR THE UNITED STATES AND HAWAII: 1997 TO 2001

Year	Average expenditures 1/			Combined average premiums 2/		
	United States (dollars)	Hawaii		United States (dollars)	Hawaii	
		Average (dollars)	Rank 3/		Average (dollars)	Rank 3/
1997	4/ 705.34	912.36	4	4/ 802.02	1,038.02	4
1998	4/ 702.74	797.49	11	4/ 800.63	919.73	9
1999	4/ 683.36	699.99	16	4/ 782.43	833.73	14
2000	4/ 686.32	4/ 701.51	17	4/ 784.85	4/ 811.15	17
2001	717.70	705.10	21	817.43	811.12	21

1/ Total written premiums for all coverages divided by the liability written car years. A written car year is equal to 365 days of insurance coverage for a single vehicle and is the standard measure of exposure for automobile insurance. Assumes that all insured vehicles carry liability coverage but do not necessarily carry collision and/or comprehensive coverage.

2/ Average premiums for each of the major coverages (liability, comprehensive, and collision) added together to estimate the representative average premium for an insured vehicle carrying all coverages.

3/ Among 50 States and D.C., highest average expenditure and combined average premium ranked 1.

4/ Revised from previous *Data Book*.

Source: National Association of Insurance Commissioners, *State Average Expenditures & Premiums for Personal Automobile Insurance in 2001* (July 2003), tables 2 and 3.

**Table 15.14-- FIRES, DEATHS, AND LOSSES REPORTED BY COUNTY
FIRE DEPARTMENTS: 1999 TO 2003**

[Fiscal year ending June 30]

Subject and year	State total	Honolulu	Hawaii	Kauai	Maui
Number of fires:					
1999	4,116	2,583	560	298	675
2000	4,049	2,655	558	231	605
2001	4,304	2,910	637	266	491
2002	4,435	2,797	904	227	507
2003	5,028	3,123	1,166	288	451
Fire deaths:					
1999	2	2	-	-	-
2000	3	2	1	-	-
2001	3	2	-	-	1
2002	4	4	-	-	-
2003	3	1	1	-	1
Fire losses (\$1,000):					
1999	1/ 22,213	13,237	4,019	1/ 1,067	3,890
2000	1/ 20,860	11,979	5,302	1/ 706	2,873
2001	19,268	12,589	4,094	478	2,107
2002	16,214	9,940	4,212	631	1,431
2003	17,913	10,702	3,343	1,462	2,406

1/ Figures for Kauai County fire losses includes investigated structural fires only. No estimated loss available for non-structural fires or structural fires that were not investigated.

Source: Compiled by Hawaii State Department of Business, Economic Development & Tourism from Honolulu Fire Department, Hawaii County Fire Department, Kauai Fire Department, and Maui County Department of Fire Control.

**Table 15.15-- CHARACTERISTICS OF BUSINESS ESTABLISHMENTS:
1991 TO 2001**

[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	
1991	442,743	2,341,662	9,893,345	29,736	15,082	6,392	
1992	449,173	2,490,029	10,470,074	30,467	15,567	6,479	
1993	435,907	2,480,288	10,552,017	30,157	15,456	6,383	
1994	425,987	2,538,482	10,551,036	29,995	15,548	6,326	
1995	423,822	2,611,193	10,695,990	29,942	15,599	6,305	
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	
	Number of establishments by employment-size class 2/--Con.						
Year	10 to 19	20 to 49	50 to 99	100 to 249	250 to 499	500 to 999	1,000 or more
1991	4,000	2,715	924	452	100	45	26
1992	4,135	2,737	932	441	99	51	26
1993	4,113	2,704	907	428	99	40	27
1994	4,088	2,602	876	389	94	47	25
1995	4,064	2,515	895	394	102	45	23
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

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); publications for 1993 through 2001 at <<http://www.census.gov/prod/www/abs/cbptotal.html>> accessed April 10, 2003.

**Table 15.16-- CHARACTERISTICS OF BUSINESS ESTABLISHMENTS, BY
COUNTIES: 2000 AND 2001**

[Data refer to establishments with taxable payrolls. Excludes government employees and self-employed persons]

Year and county	Number of establishments 1/	Number of employees 2/	Payroll (\$1,000)	
			First quarter	Annual
2000				
State total	29,853	432,092	2,982,367	12,331,233
Hawaii	3,629	44,147	260,507	1,094,151
Honolulu	20,637	315,862	2,283,433	9,391,505
Kauai	1,698	19,833	114,595	471,317
Maui	3,889	52,250	323,832	1,374,260
2001				
State total	30,175	441,856	3,136,371	12,684,140
Hawaii	3,688	46,711	287,354	1,167,521
Honolulu	20,801	320,461	2,384,696	9,624,432
Kauai	1,731	20,529	119,503	485,501
Maui	3,955	54,155	344,818	1,406,686

1/ Data refer to establishments active anytime during the year.

2/ For week including March 12.

Source: U.S. Census Bureau, *County Business Patterns 2000, Hawaii*, CBP/00-13 (May 2002), table 5 and *County Business Patterns 2001, Hawaii*, CBP/01-13 (April 2003), table 5
<<http://www.census.gov/prod/www/abs/cbptotal.html>> accessed April 10, 2003.

**Table 15.17-- CHARACTERISTICS OF BUSINESS ESTABLISHMENTS,
BY MAJOR GROUP: 2001**

[Data refer to establishments with taxable payrolls. Excludes government and self-employed workers. 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	Major group	Number of establishments 1/	Number of employees 2/	Annual payroll (\$1,000)
	Total	30,175	441,856	12,684,140
11	Forestry, fishing, hunting and agricultural support	52	519	9,744
21	Mining	11	(C)	(D)
22	Utilities	47	2,512	165,597
23	Construction	2,385	24,238	1,071,113
31-33	Manufacturing 3/	940	15,221	463,160
311	Food manufacturing	249	5,661	136,670
315	Apparel manufacturing	110	1,600	29,697
323	Printing & related support activities	111	1,310	40,743
42	Wholesale trade	1,803	19,673	651,572
44-45	Retail trade 3/	5,012	64,822	1,342,278
448	Clothing and clothing accessories stores	1,326	11,693	200,306
48-49	Transportation & warehousing	708	23,278	732,711
51	Information	575	9,333	396,688
52	Finance & insurance	1,373	18,104	808,711
53	Real estate & rental & leasing	1,829	14,535	452,570
54	Professional, scientific & technical services	2,838	19,500	852,402
55	Management of companies & enterprises	223	5,498	261,610
56	Admin., support, waste mgt., remediation	1,751	34,208	751,384
61	Educational services	444	13,870	354,502
62	Health care and social assistance 3/	3,086	51,024	1,849,702
621	Ambulatory health care services	2,418	18,596	817,449
71	Arts, entertainment & recreation	498	10,628	181,573
72	Accommodation & food services	3,036	85,949	1,648,747
81	Other services (except public admin.)	3,226	24,024	513,081
95	Auxiliaries (except corporate, subsidiary & regional mgt.)	88	4,466	164,127
99	Unclassified establishments	250	(E)	(D)

C 100 to 249.

E 250 to 499.

D Withheld to avoid disclosing data for individual companies.

1/ Data refer to establishments active anytime during the year.

2/ For week including March 12.

3/ Includes other subgroups not shown separately.

Source: U.S. Census Bureau, *County Business Patterns 2001, Hawaii*, CBP/01-13 (April 2003), table 1
<<http://www.census.gov/prod/www/abs/cbptotal.html>> accessed April 10, 2003.

Table 15.18-- CHARACTERISTICS OF BUSINESS ESTABLISHMENTS, BY EMPLOYMENT-SIZE CLASS: 2000 AND 2001

[Data refer to establishments with taxable payrolls. Excludes government and self-employed workers]

Employment-size class	Number of establishments		Number of employees		Annual payroll (\$1,000)	
	2000	2001	2000	2001	2000	2001
Total	29,853	30,175	432,092	441,856	12,331,233	12,684,140
1 to 4	15,658	15,802	28,336	28,432	917,931	931,665
5 to 9	6,063	6,133	39,995	40,493	1,025,466	1,066,895
10 to 19	4,067	3,998	54,739	53,583	1,443,517	1,414,942
20 to 49	2,494	2,651	75,509	80,049	1,949,302	2,100,403
50 to 99	953	957	64,904	65,599	1,746,385	1,785,691
100 to 249	430	446	63,503	66,414	1,876,246	1,946,952
250 to 499	121	116	40,182	39,182	1,158,651	1,184,576
500 to 999	42	47	28,307	31,212	891,790	986,545
1,000 or more	1/ 25	2/ 25	36,617	36,892	1,321,945	1,266,471

1/ 1,000-1,499 employees, 17 establishments; 1,500-2,499 employees, 7 establishments; 2,500-4,999 employees, 1 establishment.

2/ 1,000-1,499 employees, 19 establishments; 1,500-2,499 employees, 4 establishments; 2,500-4,999 employees, 2 establishments.

Source: U.S. Census Bureau, *County Business Patterns 2000, Hawaii, CBP/00-13* (May 2002), pp. 3, 26, and 31 and *County Business Patterns 2001, Hawaii, CBP/01-13* (April 2003), pp. 3, 26, and 31 <<http://www.census.gov/prod/www/abs/cbptotal.html>> accessed April 10, 2003.

Table 15.19-- BUSINESS CLIMATE INDEXES: 1999 TO 2003

Index	1999	2000	2001	2002		2003	
				Index	Rank	Index	Rank
Economic performance	D	D	D	D	39	D	36
Business vitality	F	F	F	D	41	F	48
Development capacity	C	D	F	D	37	F	49

Source: Corporation for Enterprise Development, *Development Report Card for the States* (annual)
 <<http://drc.cfed.org>> accessed December 30, 2003.

Table 15.20-- CHARACTERISTICS OF BUSINESS AND PROFESSIONAL FIRMS, BY COUNTIES: 2004

Characteristic	State total	Honolulu	Maui	Kauai	Hawaii
All businesses	50,713	36,210	5,482	2,736	6,285
Business type, total 1/	32,957	23,841	2,996	1,557	4,566
Corporation	26,106	19,362	2,374	1,114	3,259
Partnership	731	497	124	40	70
Proprietorship	6,120	3,982	498	403	1,237
Employees, total 2/	11,712	8,746	1,306	676	986
1 to 4	4,264	2,945	596	343	380
5 to 9	2,678	2,012	277	141	248
10 to 19	1,948	1,509	188	86	166
20 to 49	1,544	1,225	137	64	118
50 to 99	576	476	49	19	32
100 to 199	330	280	25	9	16
200 to 299	108	87	9	4	8
300 to 499	114	89	12	6	7
500 to 999	80	58	10	4	8
1,000 to 9,999	70	65	3	-	3
Annual sales volume, total 1/	8,785	6,628	954	482	722
Under \$500,000	4,498	3,263	510	296	429
\$500,000 to \$1,000,000	1,356	1,027	138	75	116
\$1 to \$5 million	1,701	1,337	191	73	100
\$5 to \$10 million	393	318	45	9	21
\$10 to \$25 million	345	277	34	10	24
Over \$25 million	492	406	36	19	32
Year established, total 2/	19,663	14,891	2,025	956	1,792
1820 to 1849	26	15	4	2	6
1850 to 1899	176	120	19	13	24
1900 to 1949	1,255	917	118	59	161
1950 to 1959	983	795	72	42	74
1960 to 1969	2,084	1,659	179	87	159
1970 to 1979	4,943	3,681	590	218	454
1980 to 1989	6,280	4,619	641	377	643
1990 to 1999	3,457	2,668	388	148	253
2000 and later	459	417	14	10	18

1/ Selected professionals are not included. Distributions exclude non-responding firms and those for which item (typically sales volume) was not applicable.

2/ Distributions exclude non-responding firms and those for which item (typically sales volume) was not applicable.

Source: HBD Inc., Hawaii Business Directory 2004 (2004), pages xiii, ix and xi; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 15.21-- REGISTERED CORPORATIONS AND PARTNERSHIPS:
2000 TO 2003**

[Fiscal year ending June 30 unless otherwise specified. Excludes nonprofit corporations]

Subject	2000	2001	2002 1/	2003
Domestic (Hawaii) corporations:				
Formed	2,661	2,923	2,879	3,262
Dissolved or merged 2/	3,414	3,295	3,353	847
On record, June 30 3/	37,038	37,565	36,237	38,626
Foreign (non-Hawaii) corporations:				
Qualified	1,001	876	819	1,197
Withdrawn, merged, or cancelled 2/	424	974	869	419
On record, June 30 3/	8,323	8,164	8,236	9,379
Partnerships:				
Registered	700	628	560	529
Dissolved or cancelled 2/	1,003	936	893	321
On record, June 30 3/	7,329	7,068	6,596	7,117
Domestic (Hawaii) Limited Liability Companies:				
Formed	1,940	2,332	3,029	4,011
Dissolved or merged 2/	6	270	257	280
On record, June 30 3/	4,447	6,529	9,075	15,977
Foreign (non-Hawaii) Limited Liability Companies:				
Qualified	239	322	350	454
Withdrawn or merged 2/	25	65	58	72
On record, June 30 3/	693	958	1,428	1,962
Domestic (Hawaii) Limited Liability Partnerships:				
Formed	33	46	39	37
Dissolved or merged 2/	10	4	9	8
On record, June 30 3/	103	136	156	202
Foreign (non-Hawaii) Limited Liability Partnerships:				
Qualified	3	-	5	3
Withdrawn or cancelled 2/	-	-	1	-
On record, June 30 3/	17	18	20	23

1/ Revised from previous *Data Book*. Figures from new database.

2/ Annual fluctuations may partly reflect the sporadic purging of defunct firms from the registration files.

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.

Source: Hawaii State Department of Commerce and Consumer Affairs, Business Registration Div., records.

**Table 15.22-- CHARACTERISTICS OF CORPORATIONS, PARTNERSHIPS,
AND PROPRIETORSHIPS: 2000**

[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 and no expenses other than those to maintain licenses and to file tax returns, were not included]

Subject	Total	Corpora- tions 1/	Partner- ships	Proprie- tors 2/
Number of businesses	166,866	25,919	6,574	134,373
1st Taxation District (Oahu)	115,376	19,635	4,890	90,851
2nd Taxation District (Maui, Molokai, Lanai)	20,121	2,676	749	16,696
3rd Taxation District (Hawaii)	22,371	2,699	624	19,048
4th Taxation District (Kauai, Niihau)	8,998	909	311	7,778
Businesses with \$1 million or more in business receipts	5,882	4,960	665	257
Business receipts (\$1,000)	70,955,512	59,122,978	7,672,164	4,160,370
Businesses with net profit	91,294	11,740	3,748	75,806
Amount of net profit (\$1,000)	4,426,169	2,225,503	1,134,577	1,066,088
Businesses with net loss	67,741	7,611	2,632	57,498
Amount of net loss (\$1,000)	3,115,892	1,903,225	803,123	409,543

1/ First-time inclusion of financial corporations that file Form F-1. There were 114 financial corporations which were included for the first time: 104 in the 1st Taxation District; 4 in the 2nd Taxation District; 3 in the 3rd Taxation District; and 3 in the 4th Taxation District.

2/ First-time inclusion of rental proprietors that file federal Schedule E. There were 53,770 rental proprietorships which were included for the first time: 39,778 in the 1st Taxation District; 6,071 in the 2nd Taxation District; 5,270 in the 3rd Taxation District; and 2,651 in the 4th Taxation District.

Source: Hawaii State Department of Taxation, *Hawaii Income Patterns: Businesses 2000* (July 2002).

Table 15.23-- LARGEST PUBLIC AND PRIVATE COMPANIES: 2002

[Data may include sales and employment on the Mainland or abroad]

Rank in sales	Company	Year founded 1/	Sales (million dollars)	Employees
1	BancWest Corp.	1858/1974	1,992.0	7,753
2	Tesoro Hawaii Corp.	1904	1,688.0	640
3	Hawaiian Electric Industries Inc.	1891/1983	1,654.0	3,220
4	Hawaii Medical Service Assn. (HMSA)	1938	1,590.0	1,497
5	Alexander & Baldwin Inc.	1870/1900	1,088.9	2,025
6	Bank of Hawaii Corp. 2/	1897	716.5	2,891
7	Kaiser Permanente Medical Care Program	1958	632.0	3,663
8	Hawaiian Airlines Inc.	1929	632.0	3,491
9	Hawaii Pacific Health	2001	550.0	5,449
10	Verizon Hawaii	1883	530.6	2,100

1/ If two years or more are given, the first is the founding date of the original company, the second is when it became a holding company, was sold, or legally changed its name or year of incorporation.

2/ Previously ranked as Pacific Century Financial Corp.

Source: "The Hawaii Business Top 250," *Hawaii Business*, August 2003, p. 54.

**Table 15.24-- NET INCOME OR LOSS AND TOTAL REVENUES OF
SELECTED COMPANIES: 2001 AND 2002**

[Based on 2002 ranks for reporting companies]

Company	Net income or loss (\$1,000)		Sales (\$1,000,000)	
	2001	2002	2001	2002
Largest net incomes:				
BancWest Corp.	254,804	361,332	1,632.0	1,992.0
Bank of Hawaii Corp. 1/	117,795	121,180	1,280.9	716.5
Hawaiian Electric Industries Inc.	83,705	118,217	1,727.0	1,654.0
Largest net losses:				
Hawaiian Airlines Inc.	(5,069)	(58,300)	611.5	632.0

1/ Previously ranked as Pacific Century Financial Corp.

Source: "The Hawaii Business Top 250," Hawaii Business, August 2003, p. 101.

**Table 15.25-- MINORITY-OWNED BUSINESS ENTERPRISES:
1992 AND 1997**

[In previous Economic Censuses, ownership was based on the race/ethnicity/gender of the of the majority of the number of owners, without regard to the percentage of interest owned in the firm. Businesses with 50 percent or more minority owners have in the past been included in the minority business counts. In the 1997 Economic Census, 51 percent or more of the interest, claims or rights in the business must be held by minorities to be included as a minority-owned business]

Year and characteristics	All firms (whether or not owned by minorities)	Firms owned by minorities 1/			
		Total	Black- owned	Hispanic- owned 2/	Owned by Asians and others 3/
1992					
All firms:					
Number	79,050	41,111	717	3,192	38,392
Sales and receipts (\$1,000)	10,724,000	4,928,642	27,382	187,717	4,766,788
Firms with paid employees:					
Number	10,420	5,555	42	277	5,301
Sales and receipts (\$1,000)	8,806,000	3,926,269	16,794	131,663	3,804,639
Employees	99,280	44,712	211	2,357	42,461
Annual payroll (\$1,000)	1,799,000	760,387	2,513	39,300	724,331
1997					
All firms:					
Number	93,981	54,250	638	4,153	51,092
Sales and receipts (\$1,000)	55,361,257	14,822,367	34,165	277,047	14,571,305
Firms with paid employees:					
Number	23,415	12,719	168	360	12,264
Sales and receipts (\$1,000)	52,869,179	13,569,934	20,562	178,206	13,408,466
Employees	412,304	125,771	561	2,276	123,787
Annual payroll (\$1,000)	10,418,079	3,057,851	7,502	45,306	3,017,926

Continued on next page.

**Table 15.25-- MINORITY-OWNED BUSINESS ENTERPRISES:
1992 AND 1997 -- Con.**

1/ Persons of mixed race were instructed to report the race they most closely identified with. Whites (Caucasians), although only 33.4 percent of the 1990 population of Hawaii, were treated as a non-minority group for census purposes.

2/ Persons of Hispanic origin may be members of any race.

3/ Asians, Pacific Islanders (including Hawaiians), American Indians, and Alaska Natives. For the 1992 Economic Census, state detail for individual races were not available. For the United States as a whole, Hawaiians owned 11,587 firms with gross receipts of \$1,058,332,000.

Source: U.S. Bureau of the Census, *1992 Economic Census, Survey of Minority-Owned Business Enterprises, Black*, MB92-1 (Jan. 1996), tables 2 and 11; *Hispanic*, MB92-2 (June 1994), tables 3 and 14; *Asians and Pacific Islanders, American Indians, and Alaska Natives*, MB92-3 (July 1996), tables A, 2, and 11; U.S. Census Bureau, *1997 Economic Census, Survey of Minority-Owned Business Enterprises, Company Statistics Series, Black*, EC97CS-3 (March 2001), table 2; *Hispanic*, EC97CS-4 (February 2001), table 3; *Asians and Pacific Islanders*, EC97CS-5 (May 2001), table 3; *American Indians and Alaska Natives*, EC97CS-6 (May 2001), table 2; and *1997 Economic Census Minority-and Women-Owned Businesses - Hawaii* <<http://www.census.gov/epcd/mwb97/hi/HI.html>> accessed July 10, 2001.

Table 15.26-- ASIAN AND PACIFIC ISLANDER MINORITY-OWNED BUSINESS ENTERPRISES: 1997

Characteristics	All firms		Firms with paid employees			
	Number	Sales and receipts (\$1,000)	Number	Sales and receipts (\$1,000)	Employees	Annual payroll (\$1,000)
Total	50,634	14,523,171	12,231	13,389,298	123,645	3,014,860
Asian	43,711	13,557,740	11,269	12,540,708	113,002	2,794,629
Asian Indian	326	59,179	156	57,178	870	12,964
Chinese	8,889	2,192,616	2,632	1,916,088	18,766	492,003
Filipino	7,503	486,521	765	343,023	4,377	86,261
Japanese	21,179	9,670,756	5,608	9,208,254	79,564	2,030,096
Korean	3,585	861,340	1,461	758,907	6,771	112,098
Vietnamese	1,476	132,823	289	108,339	510	11,292
Other Asian	753	154,505	358	148,919	2,144	49,915
Pacific Islander	6,924	965,430	962	848,589	10,643	220,230
Native Hawaiian	6,600	828,532	875	720,673	9,071	191,527
Other Pacific Islander	324	136,898	87	127,916	1,572	28,703

Source: U.S. Census Bureau, *1997 Economic Census, Survey of Minority-Owned Business Enterprises, Company Statistics Series, Asians and Pacific Islanders*, EC97CS-5 (May 2001), table 5.

Table 15.27-- WOMEN-OWNED BUSINESSES: 1987, 1992 AND 1997

[In previous Economic Censuses, ownership was based on the race/ethnicity/gender of the of the majority of the number of owners, without regard to the percentage of interest owned in the firm. Businesses with 50 percent or more minority owners have in the past been included in the minority business counts. In the 1997 Economic Census, 51 percent or more of the interest, claims or rights in the business must be held by minorities to be included as a minority-owned business and similarly for women]

Subject	All firms (whether or not owned by minorities)	Women- owned firms	Percent women- owned
1987			
All firms:			
Number	60,928	21,696	35.6
Sales and receipts (\$1,000)	6,522,000	856,930	13.1
1992			
All firms:			
Number	79,050	29,743	37.6
Sales and receipts (\$1,000)	10,724,000	2,574,800	24.0
Firms with paid employees:			
Number	10,420	3,089	29.6
Sales and receipts (\$1,000)	8,806,000	2,044,345	23.2
Employees	99,280	25,937	26.1
Annual payroll (\$1,000)	1,799,000	421,866	23.5
1997			
All firms:			
Number	93,981	25,807	27.5
Sales and receipts (\$1,000)	55,361,257	3,253,329	5.9
Firms with paid employees:			
Number	23,415	3,767	16.1
Sales and receipts (\$1,000)	52,869,179	2,761,205	5.2
Employees	412,304	30,138	7.3
Annual payroll (\$1,000)	10,418,079	580,473	5.6

Source: U.S. Bureau of the Census, *1992 Economic Census, WB92-1, Women-Owned Businesses* (Jan. 1996), tables 2 and 11, and *1997 Economic Census, EC97CS-2, Women-Owned Businesses, Hawaii* (March 2001); *1997 Economic Census, Minority and Women-Owned Businesses, Hawaii* <<http://www.census.gov/epcd/mwb97/hi/HI.html>> accessed May 8, 2001; DBED, Data Book 1993-94, table 15.26.

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: 2003*, Section 24.

Table 16.01-- INFORMATION ESTABLISHMENTS (NAICS 51): 2001

[Data refer to establishments with taxable payrolls. Excludes government and self-employed workers. 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 employees for week including March 12 1/	Annual Payroll (\$1000)
51	Information	575	9,333	396,688
511	Publishing industries	102	(H)	(D)
51111	Newspaper publishers	25	(G)	(D)
51112	Periodical publishers	36	344	13,401
51113	Book publishers	11	(B)	(D)
51114	Database and directory publishers	5	(B)	(D)
51119	Other publishers	10	(B)	(D)
5112	Software publishers	15	(B)	(D)
5121	Motion picture & video industries	109	(G)	(D)
5122	Sound recording industries	13	(B)	(D)
513	Broadcasting & telecommunications	246	4,583	222,987
5131	Radio & television broadcasting	34	(F)	(D)
5132	Cable networks & program distribution	18	(F)	(D)
5133	Telecommunications	194	3,181	162,510
51331	Wired telecommunications carriers	103	1,910	100,501
51332	Wireless telecom carriers (exc. satellite)	87	(G)	(D)
5141	Information services	51	(E)	(D)
5142	Data processing services	54	(C)	(D)

D Withheld to avoid disclosing data for individual companies.

1/ Employment-size classes:

- B 20 to 99,
- C 100 to 249,
- E 250 to 499,
- F 500 to 999,
- G 1,000 to 2,499,
- H 2,500 to 4,999.

Source: U.S. Census Bureau, *County Business Patterns Hawaii: 2001*, CBP-01-13 (April 2003), table 2 <<http://www.census.gov/prod/2003pubs/01cbp/cbp01-13.pdf>> accessed May 15, 2003.

**Table 16.02-- STATISTICAL SUMMARY FOR INFORMATION INDUSTRIES
(NAICS 51): 1997**

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

NAICS code	Kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)
51	Information, total	458	1,464,152	318,652	8,996
511	Publishing industries	93	273,301	78,970	2,066
5111	Newspaper, periodical, book, & database publishers	77	267,048	76,775	2,005
5112	Software publishers	16	6,253	2,195	61
512	Motion picture & sound recording Industries	108	102,196	20,326	1,496
5121	Motion picture & video industries	99	95,860	19,526	1,473
5122	Sound recording industries	9	6,336	800	23
513	Broadcasting & telecommunications	197	1,057,491	208,563	5,100
5131	Radio & television broadcasting	50	137,679	47,512	1,239
5132	Cable networks & program distribution	18	153,337	29,488	618
5133	Telecommunications	129	766,475	131,563	3,243
514	Information services & data processing services	60	31,164	10,793	334

Source: U. S. Census Bureau, *1997 Economic Census, Information, Geographic Area Series, Hawaii*, EC97551A-HI (October 1999), table 1 <<http://www.census.gov/epcd/www/97EC51.HTM>>.

**Table 16.03-- NUMBER OF POST OFFICES AND STATIONS, BY ISLANDS:
SEPTEMBER 10, 2003**

Island	Total	Cost Ascertainment Group (CAG) 1/				Stations	
		A-G 2/	H-J 3/	K 4/	L 5/	Classified 6/	Contract 7/
State total	125	37	25	9	1	34	19
Hawaii	32	9	12	4	-	2	5
Maui	12	9	1	-	-	2	-
Lanai	1	-	1	-	-	-	-
Molokai	5	1	-	3	1	-	-
Oahu	56	13	4	0	-	27	12
Kauai	19	5	7	2	-	3	2
Niihau 8/	-	-	-	-	-	-	-

1/ Changes in CAG assignments are made at the beginning of the Postal fiscal year (September to August). 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 16.04-- POSTAL SERVICE: 1997 TO 2003

[Years ended September 30]

Year	Post offices	Stations 1/	Gross postal receipts (\$1,000)	Pieces of mail 2/ (millions)
1997	72	59	172,714	549
1998	72	58	171,816	556
1999	72	61	174,958	560
2000	72	63	176,923	551
2001	72	63	179,182	542
2002	72	63	180,761	540
2003	72	53	193,335	535

1/ Includes both classified and contract stations. The latter are operated under a contractual agreement between the Postal Service and an individual contractor.

2/ Originating in Hawaii.

Source: U.S. Postal Service, Honolulu District, records.

Table 16.05-- TELEPHONE STATISTICAL SUMMARY: 1995 TO 2003

Subject	Number or percent
Telephone revenues (million dollars):	
1995	775
1996	841
1997	930
1998	969
1999	1,009
2000	1,177
2001	1,207
2002 1/	1,193
Carrier's carrier	229
End user	964
Telephone penetration: 2/	
1984	93.5
1997	94.5
1998	95.4
1999	96.3
2000	94.7
July 2001 3/	96.9
November 2002 3/	96.9
2003	97.3
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

1/ Preliminary.

2/ Annual average percentage of households with telephone service.

3/ Percentage of households with telephone service (not annual average).

Source: Federal Communications Commission, *Trends in Telephone Service*, various issues. See <http://www.fcc.gov/Bureaus/Common_Carrier/Reports/FCC-State_Link/IAD/trend504.pdf> accessed June 2, 2004.

Table 16.06-- CELLULAR TELEPHONE COMPANY REVENUES, BY ISLANDS: 1989 TO 2002

Calendar year	Number of companies	Revenues (\$1,000)				
		Total	Hawaii	Maui	Oahu	Kauai
1989	2	21,758	-	-	21,758	-
1990	4	38,732	150	-	38,475	107
1991	4	48,742	1,734	1,653	44,179	1,176
1992	4	62,127	3,184	2,199	54,031	2,713
1993	5	76,420	4,618	3,470	63,596	4,736
1994	5	95,334	6,712	6,237	77,914	4,471
1995	5	109,746	(NA)	(NA)	(NA)	(NA)
1996	7	123,314	(NA)	(NA)	(NA)	(NA)
1997	8	130,945	(NA)	(NA)	(NA)	(NA)
1998	10	142,129	(NA)	(NA)	(NA)	(NA)
1999	10	227,597	(NA)	(NA)	(NA)	(NA)
2000	10	201,495	(NA)	(NA)	(NA)	(NA)
2001	10	294,563	(NA)	(NA)	(NA)	(NA)
2002	13	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available, due to confidentiality of these reports.

Source: Hawaii State Public Utilities Commission, records.

**Table 16.07-- PERCENT OF HOUSEHOLDS WITH A TELEPHONE,
COMPUTER, AND INTERNET USE: 1997 TO 2001**

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)	(NA)	63.1	(NA)	55.2

NA Not available.

Source: National Telecommunications and Information Administration, *Falling Through the Net: Defining the Digital Divide*, July 8, 1999 and *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/ftn00/Falling.htm>>; U.S. Department of Commerce, Economics and Statistics Administration, National Telecommunications and Information Administration, "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.

**Table 16.08-- CABLE TELEVISION SYSTEMS, SUBSCRIBERS,
AND REVENUES, BY COUNTIES: 2000 TO 2003**

[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
Subscribers					
2000	363,801	34,974	47,695	262,681	18,451
2001	368,424	36,436	48,442	264,871	18,675
2002	2/ 377,465	2/ 37,554	49,202	269,681	21,028
2003	383,342	37,921	49,918	274,416	21,087
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

1/ Although 6 systems, only 1 cable operator (Oceanic Time Warner Cable of Hawaii).

2/ Data have been revised from previous *Data Book*.

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 2002, AND BY COUNTIES, 2002

Date and county	Commercial			Public or educational		
	AM	FM	TV 1/	AM	FM	TV 1/
1925: Jan. 1	2	-	-	-	-	-
1930: Jan. 1	1	-	-	-	-	-
1935: Jan. 1	2	-	-	-	-	-
1940: Jan. 1	3	-	-	-	-	-
1945: Jan. 1	4	-	-	-	-	-
1950: June 7	12	-	-	-	-	-
1955: Jan. 1	13	1	3	-	1	-
1960: Jan. 1	17	1	7	-	2	-
1965: Jan. 1	23	2	10	-	-	-
1970: Jan. 1	25	4	10	-	1	2
1975: Jan. 1	26	5	10	-	1	2
1980: Jan. 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
COUNTIES: 2002						
Hawaii	5	15	7	-	2	-
Maui	5	9	5	-	1	1
Honolulu 2/	19	16	11	1	3	1
Kauai	2	5	-	-	2	-

1/ Includes satellites but excludes translators and cable television.

2/ Includes one commercial AM station with studio on Oahu but transmitter on Molokai.

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, *2003 Working Press of the Nation*, Vol. 3, TV & Radio Directory, 53rd edition, and previous editions.

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	10
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: 1998-1999 TO 2001-2002**

[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	1998-99	1999-2000	2000-2001	2001-2002
Daily				
<i>The Honolulu Advertiser</i> 1/	104,602	107,495	150,277	151,188
<i>Honolulu Star-Bulletin</i> 2/	67,124	63,480	(NA)	(NA)
<i>Hawaii Tribune-Herald</i> (Hilo) 3/	19,069	(NA)	20,213	(NA)
<i>West Hawaii Today</i> (Kailua-Kona) 3/	11,667	11,206	12,146	12,358
<i>Maui News</i> (Wailuku) 4/	16,970	17,225	18,959	(NA)
<i>Garden Island</i> (Lihue) 5/	8,790	8,379	8,478	7,989
Sunday morning				
<i>The Honolulu Advertiser</i>	188,556	187,277	170,009	171,674
<i>Honolulu Star Bulletin</i>	(X)	(X)	(NA)	(NA)
<i>Hawaii Tribune-Herald</i> (Hilo)	22,851	(NA)	23,780	(NA)
<i>West Hawaii Today</i> (Kailua-Kona)	14,610	14,617	16,069	16,130
<i>Maui News</i> (Wailuku)	24,220	24,365	24,563	(NA)
<i>Garden Island</i> (Lihue)	9,395	9,210	9,461	9,267

NA Not available.

X Not applicable.

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 Thursday.

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 2004**

[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			The Honolulu Advertiser	Honolulu Star-Bulletin
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

X Not applicable.

1/ Street sales, for *The Honolulu Advertiser* (daily, 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.

Source: Postal rates from U.S. Census Bureau, *Statistical Abstract of the United States: 2002*, table 1094, and U.S. Postal Service, *Domestic Rates and Fees*. Newspaper rates from *The Honolulu Advertiser* and Oahu Publications and Department of Business, Economic Development & Tourism survey.

**Table 16.14-- BOOKS AND SCHOLARLY JOURNALS PUBLISHED BY THE
UNIVERSITY OF HAWAII PRESS: 1991 TO 2003**

[Years ended June 30]

Year	Published titles 1/		New books and journals published		Volumes sold	Book sales revenues (dollars)
	Cumulative total 2/	In print	Books	Scholarly journals		
1991	1,024	705	53	12	365,790	2,721,480
1992	1,072	717	48	12	350,274	2,611,388
1993	1,123	738	51	12	354,063	2,859,494
1994	1,183	772	60	13	378,807	2,960,051
1995	1,257	790	74	13	385,673	3,014,268
1996	1,323	823	54	12	374,168	2,896,316
1997	1,402	833	65	12	322,378	3,182,690
1998	1,486	818	84	12	290,199	3,042,984
1999	1,572	897	83	12	272,407	3,365,336
2000	1,650	930	82	12	320,509	3,340,336
2001	1,748	1,003	84	12	316,978	3,583,534
2002	1,854	1,063	93	13	299,272	3,632,013
2003	1,948	1,113	83	14	310,407	3,221,852

1/ Excludes journals.

2/ Includes books and other media.

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, Energy, Resources and Technology 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: 2003*, Sections 16 and 19.

**Table 17.01-- CONSUMPTION OF ENERGY, BY SOURCE
(PHYSICAL UNITS): 1960 TO 2000**

Year	Coal 1/ (1,000 short tons)	Natural gas 2/ (billion cubic feet)	Petroleum (1,000 barrels)	Hydroelectric power 3/ (million kWh)
1960	0	0	16,844	27
1965	0	0	22,478	105
1970	0	0	34,105	108
1975	0	0	37,097	89
1980	0	3	43,562	86
1985	46	2	40,091	86
1986	16	2	39,000	78
1987	63	3	39,763	82
1988	50	3	46,185	81
1989	32	3	48,005	56
1990	4/ 29	3	48,714	4/ 5/ 80
1991	4/ 45	3	45,606	71
1992	4/ 303	3	44,439	61
1993	4/ 691	3	38,814	56
1994	4/ 704	3	41,396	4/ 139
1995	4/ 895	3	40,947	98
1996	4/ 930	3	38,811	4/ 104
1997	4/ 912	3	37,134	115
1998	4/ 843	3	38,159	121
1999	4/ 801	3	37,031	4/ 115
2000	816	3	38,501	103

1/ The continuity of these data series estimates may be affected by changing data sources and estimation methodologies.

2/ Includes supplemental gaseous fuels.

3/ If applicable, through 1988, includes all net imports of electricity, and, from 1989, includes only the portion of imports of electricity that is derived from hydroelectric power.

4/ Data have been revised from previous *Data Book*.

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 Report 2000* <http://www.eia.doe.gov/emeu/states/sep_use/total/pdf/use_all.pdf> table 7 accessed August 11, 2003.

**Table 17.02-- CONSUMPTION OF ENERGY, BY SOURCE
(TRILLION BTU): 1960 TO 2000**

Year	Coal 1/	Natural gas 2/	Petroleum	Hydro-electric power 3/	Wood and waste 1/	Other 1/ 4/	Total 5/
1960	0.0	0.0	94.6	0.3	0.0	0.0	94.9
1965	0.0	0.0	129.3	1.1	0.2	0.0	130.6
1970	0.0	0.0	195.4	1.1	0.4	0.0	197.0
1975	0.0	0.0	212.9	0.9	0.6	0.0	214.4
1980	0.0	3.0	249.6	0.9	11.9	0.0	265.4
1985	1.1	2.7	232.6	0.9	14.2	0.4	251.9
1986	0.4	2.7	227.3	0.8	6.7	0.4	238.3
1987	1.6	2.8	231.0	0.9	6.7	0.3	243.2
1988	1.2	2.8	269.6	0.8	7.0	0.3	281.8
1989	0.8	2.9	280.0	6/ 0.6	6/ 19.6	6/ 1.3	6/ 305.2
1990	0.7	3.0	284.4	7/ 0.8	6/ 22.2	6/ 7/ 1.1	6/ 7/ 312.2
1991	6/ 1.1	2.9	265.6	0.7	6/ 21.7	1.4	6/ 293.3
1992	6/ 6.8	2.9	258.8	0.6	6/ 21.3	1.3	6/ 291.6
1993	6/ 15.6	2.8	224.0	0.6	6/ 20.9	6/ 4.5	6/ 268.4
1994	6/ 15.7	2.9	237.2	6/ 1.4	6/ 18.0	6/ 5.2	6/ 280.5
1995	6/ 19.9	2.9	234.7	1.0	6/ 17.2	6.3	6/ 282.0
1996	6/ 20.4	2.8	221.4	1.1	16.0	6/ 6.6	6/ 268.2
1997	6/ 20.0	2.7	213.7	1.2	6/ 15.4	6/ 6.6	6/ 259.7
1998	6/ 18.7	2.8	218.9	6/ 1.2	6/ 14.3	6.5	6/ 262.4
1999	6/ 17.7	2.9	213.7	1.2	6/ 14.7	6.0	6/ 256.2
2000	17.7	3.0	222.3	1.1	13.8	7.1	264.8

1/ The continuity of these data series estimates may be affected by changing data sources and estimation methodologies.

2/ Includes supplemental gaseous fuels.

3/ If applicable, through 1988, includes all net imports of electricity, and, from 1989, includes only the portion of imports of electricity that is derived from hydroelectric power.

4/ Geothermal, wind, photovoltaic, and solar thermal energy.

5/ From 1989, "Total" does not equal the sum of the columns. Net imports of electricity generated from nonrenewable energy sources are included in the total but not in any other columns.

6/ Data have been revised from previous *Data Book*.

7/ 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 Report 2000* <http://www.eia.doe.gov/emeu/states/sep_use//total/pdf/use_all.pdf> table 7 accessed August 11, 2003.

**Table 17.03-- CONSUMPTION OF ENERGY BY END-USE SECTOR
(TRILLION BTU): 1960 TO 2000**

[Includes electricity sales and associated electrical system energy losses]

Year	Consumption				Input at electric utilities
	Residential	Commercial	Industrial	Transportation	
1960	7.3	5.2	20.6	61.8	17.6
1965	10.1	6.8	34.7	79.0	27.6
1970	16.4	11.6	43.7	125.3	43.2
1975	19.6	13.8	50.4	130.5	58.8
1980	23.2	20.8	74.7	146.7	69.7
1985	20.9	20.3	67.5	1/ 143.3	70.0
1986	21.3	22.8	67.3	126.9	72.9
1987	22.8	26.0	69.2	125.2	76.6
1988	23.9	39.2	76.7	142.0	81.9
1989	26.1	38.0	2/ 86.6	154.5	85.8
1990	3/ 26.1	3/ 34.3	2/ 3/ 94.8	156.9	86.1
1991	24.3	28.2	2/ 89.3	151.4	79.2
1992	24.1	32.8	2/ 91.8	142.9	74.6
1993	20.9	22.7	2/ 98.0	126.8	66.2
1994	20.6	25.4	2/ 99.2	135.3	64.7
1995	21.0	24.4	2/ 101.2	135.4	66.5
1996	21.7	23.8	2/ 102.7	120.0	68.2
1997	21.6	24.2	2/ 97.3	116.6	67.0
1998	23.1	35.4	2/ 89.3	114.6	67.3
1999	23.0	24.8	2/ 86.1	122.3	69.4
2000	23.7	25.7	88.7	126.7	70.8

1/ There is a discontinuity between 1980 and 1981 due to the expanded coverage of renewable energy sources beginning in 1981.

2/ Data have been revised from previous *Data Book*.

3/ 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 Report 2000* <http://www.eia.doe.gov/emeu/states/sep_use/total/pdf/use_hi.pdf> table 8-12 accessed August 11, 2003.

Table 17.04-- PRIMARY ENERGY CONSUMPTION AND ELECTRICITY SALES, TOTAL AND PER CAPITA: 1991 TO 2000

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	322.95240	2/ 258.999	8,564,032	2/ 6,868
1992	339.09120	2/ 268.486	8,643,562	2/ 6,844
1993	307.74649	2/ 244.920	8,657,905	2/ 6,890
1994	2/ 327.47782	2/ 256.610	8,948,458	2/ 7,012
1995	2/ 315.11859	2/ 245.854	9,187,429	2/ 7,168
1996	315.94920	2/ 245.953	9,378,962	2/ 7,301
1997	315.99270	2/ 242.027	9,345,281	2/ 7,158
1998	302.87730	2/ 231.316	9,261,071	2/ 7,073
1999	308.40090	235.846	9,379,808	7,173
2000 3/	325.21084	243.059	9,690,599	7,243

1/ Based on estimated de facto population.

2/ Revised.

3/ Preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism, Energy, Resources and Technology Division, records; Hawaii State Department of Commerce and Consumer Affairs, records.

**Table 17.05-- PRIMARY ENERGY CONSUMPTION, BY SOURCE:
1988 TO 2000**

[Trillion Btu]

Year	Total	Petroleum	Biomass	Solar hot water
1988	306.9212	279.1052	22.7080	2.1931
1989	315.0842	289.2301	20.8020	2.3310
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 1/	325.2108	290.2354	7.1331	3.5483

Year	Hydroelectric	Coal	Wind	Geothermal	Solid waste
1988	0.9826	1.3509	0.4185	0.1629	-
1989	1.0183	0.8715	0.4189	0.1435	0.2689
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 1/	0.9481	15.4724	0.1794	2.5855	5.1086

1/ Preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism, Energy, Resources and Technology Division, records; Hawaii State Department of Commerce and Consumer Affairs, records.

Table 17.06-- ELECTRICITY GENERATION BY SOURCE: 1989 TO 1998

[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 4/	10,455	8,009	178	364	87

Year	Geothermal	Wind	Coal	PV 2/	Other 3/
1989	14	41	-	-	(Z)
1990	-	28	-	-	306
1991	-	30	-	-	329
1992	1	21	-	-	999
1993	155	24	1,592	(Z)	10
1994	175	22	1,382	(Z)	19
1995	223	23	1,674	(Z)	12
1996	228	22	1,740	(Z)	19
1997	229	17	1,663	(Z)	20
1998 4/	220	21	1,553	(Z)	20

Z Less than 500,000 kWh.

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/ Preliminary

Source: Hawaii State Department of Business, Economic Development & Tourism, Energy, Resources and Technology Division, records; Hawaii State Department of Commerce and Consumer Affairs, records; Hawaii Agriculture Research Center, records.

**Table 17.07-- ELECTRICITY PRODUCTION, BY SOURCE, BY ISLANDS:
1998**

[Million kWh]

Island	Total	Petroleum	Biomass	MSW 1/	Hydroelectric
State total	10,455	8,010	178	364	87
Hawaii	1,040	627	-	-	49
Maui	1,171	1,008	112	-	21
Lanai	28	28	-	-	-
Molokai	38	38	-	-	-
Oahu	7,723	5,937	-	364	-
Kauai	455	372	66	-	17

Island	Wind	Geothermal	Coal	PV 2/	Other
State total	21	220	1,555	(Z)	20
Hawaii	21	220	123	(Z)	-
Maui	-	-	30	(Z)	-
Lanai	-	-	-	-	-
Molokai	-	-	-	-	-
Oahu	-	-	1,402	(Z)	20
Kauai	-	-	-	-	-

Z. Less than 500,000 kWh.

1/ Electricity generated from Honolulu municipal solid waste plant.

2/ Electricity generated from photovoltaic.

Source: Hawaii State Department of Business, Economic Development & Tourism, Energy, Resources and Technology Division, records; Hawaii State Department of Commerce and Consumer Affairs, records.

**Table 17.08-- EXPENDITURES FOR FUELS AND ELECTRICITY, BY
SOURCE: 1991 TO 2000**

[Millions of dollars]

Year	Total energy expenditures	Fuel expenditures			Less: electric utility fuel expenditures	Plus: electricity purchased by end-user
		Total	Electric utility	Other		
1991	2,217.5	1,736.4	304.8	1,431.6	304.8	785.9
1992	2,340.3	1,760.0	238.2	1,521.8	238.2	818.5
1993	2,369.9	1,660.4	213.3	1,447.1	213.3	922.8
1994	2,397.0	1,642.5	201.4	1,441.1	201.4	955.9
1995	2,459.4	1,645.2	223.5	1,421.7	223.5	1,037.7
1996	2,712.0	1,843.9	268.9	1,575.0	268.9	1,137.0
1997	2,756.5	1,863.6	276.2	1,587.4	276.2	1,169.2
1998	2,442.9	1,580.2	210.9	1,369.3	210.9	1,073.6
1999	2,544.6	1,656.2	234.7	1,421.5	234.7	1,123.1
2000 1/	3,383.0	2,417.4	394.2	2,023.2	394.2	1,359.8

1/ Preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism, Energy, Resources and Technology Division, records; Hawaii State Department of Commerce and Consumer Affairs, records.

Table 17.09-- ELECTRIC UTILITIES: 1992 TO 2003

Year	Customers, Dec. 31			Power sold (1,000 kWh)		
	Total	Residen- tial 1/	Other	Total	Residen- tial 1/	Other
1992	385,055	332,863	52,192	8,666,889	2,430,152	6,213,410
1993	395,402	341,471	53,931	8,657,903	2,453,830	6,204,075
1994	403,595	346,977	56,618	8,948,458	2,551,240	6,397,218
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

Year	Average annual use (kWh) 2/		Average rate (dollars per kWh)		Revenues (\$1,000)		
	Residen- tial 1/	Other	Residen- tial 1/	Other	Total	Residen- tial 1/	Other
1992	7,301	119,049	0.10932	0.08898	818,525	265,667	552,858
1993	7,186	115,037	0.12309	0.10005	922,796	302,054	620,743
1994	7,353	112,989	0.12464	0.09972	955,907	317,984	637,923
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

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 ISLANDS: 2003

Island	Customers, Dec. 31			Gross System Peak 2/	Power sold (1,000 kWh)		
	Total	Residential 1/	Other	(mW)	Total	Residential 1/	Other
State total	449,354	387,162	62,192	(X)	10,206,405	3,024,509	7,181,897
Oahu	286,677	253,033	33,644	1,284.0	7,522,230	2,066,522	5,455,707
Hawaii	68,893	57,257	11,636	190.9	1,046,142	389,874	656,268
Kauai	32,361	24,762	7,599	73.5	431,315	148,600	282,715
Lanai	1,526	1,319	207	5.1	28,136	7,515	20,621
Maui	56,880	48,327	8,553	202.0	1,142,689	398,949	743,741
Molokai	3,017	2,464	553	6.6	35,894	13,048	22,846
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	7,812	115,479	0.16743	0.13629	1,485,234	506,399	978,835
Oahu	8,167	162,160	0.14888	0.11970	960,717	307,671	653,046
Hawaii	6,809	56,400	0.22137	0.19346	213,268	86,305	126,963
Kauai	6,001	37,204	0.23352	0.22192	97,443	34,702	62,741
Lanai	5,697	99,619	0.23460	0.23516	6,612	1,763	4,849
Maui	8,255	86,957	0.18289	0.16954	199,057	72,964	126,093
Molokai	5,296	41,312	0.22953	0.22509	8,137	2,995	5,142

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: 1992 TO 2003

[Excludes bottled gas]

Year	Customers, Dec. 31			Gas sold (1,000 therms)		
	Total	Residential 1/	Other	Total	Residential 1/	Other
1992	35,236	31,625	3,611	33,662	5,733	27,929
1993	35,908	32,293	3,615	33,268	5,750	27,518
1994	36,403	32,753	3,650	34,010	5,851	28,159
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

Year	Average annual use (therms) 2/		Average rate (dollars per therm)		Revenues (\$1,000)		
	Residential 1/	Other	Residential 1/	Other	Total	Residential 1/	Other
1992	181	7,735	1.79054	1.25466	45,307	10,265	35,042
1993	178	7,612	1.75962	1.22594	43,853	10,117	33,735
1994	179	7,715	1.71994	1.19455	43,700	10,064	33,637
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

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 ISLANDS: 2003

[Excludes bottled gas]

Island	Customers, December 31			Gas sold (1,000 therms)		
	Total	Residential 1/	Other	Total	Residential 1/	Other
State total	36,046	32,415	3,631	33,556	5,170	28,386
Oahu	33,252	29,990	3,262	30,470	4,781	25,689
Hawaii	1,644	1,351	293	2,148	218	1,931
Kauai	681	681	-	87	87	-
Maui	397	321	76	836	69	766
Molokai	72	72	-	15	15	-
Lanai	-	-	-	-	-	-

Island	Average annual use (therms) 2/		Average rate (dollars per therm)		Revenues (\$1,000)		
	Residential 1/	Other	Residential 1/	Other	Total	Residential 1/	Other
State total	159	7,818	3.05760	1.71228	64,412	15,807	48,605
Oahu	159	7,875	3.02293	1.72307	58,716	14,452	44,264
Hawaii	161	6,590	3.72250	1.64862	3,993	810	3,183
Kauai	128	-	3.49642	-	305	305	-
Maui	216	10,081	2.82044	1.51092	1,353	196	1,158
Molokai	202	-	3.00433	-	44	44	-
Lanai	-	-	-	-	-	-	-

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 2003**

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

1/ Net generation plus purchased power.

2/ Based on average number of customers during the year.

3/ Includes firm purchase power.

Source: Hawaiian Electric Company, Inc., records.

**Table 17.14-- SERVICE PROVIDED BY THE GAS COMPANY, INC.,
ON OAHU: 1991 TO 2003**

Calendar year	Customers, Dec. 31		Gas sold 1/ (1,000 therms)		Average annual residential usage 1/ (therms)
	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

1/ Includes liquefied petroleum gas.

Source: The Gas Company, records.

Table 17.15-- LIQUID FUEL TAX BASE: 1991 TO 2003

[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	
1991	1,299,455	570,077	376,182	163,773		24,991
1992	1,286,118	574,716	381,118	162,983		26,289
1993	1,173,458	573,767	384,444	160,121		24,997
1994	1,240,366	578,758	392,404	152,628		29,692
1995	1,286,038	600,596	396,446	172,684		27,411
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	1/ 994,141	646,185	429,613	175,096		36,157
2003	835,991	587,927	452,499	91,988		37,004
Year reported	Liquefied petroleum gas		Aviation fuel	Small boats		Other fuel
	Off hwy.	Hwy. use		Gasoline	Diesel oil	
1991	3,575	780	729,378	52	724	(X)
1992	3,644	532	711,402	48	102	(X)
1993	3,343	477	599,691	35	349	(X)
1994	3,210	566	661,608	60	198	(X)
1995	3,096	514	685,443	50	395	(X)
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	1/ 347,956	5	40	16
2003	5,739	391	248,065	2	22	281

X Not applicable.

1/ Data have been revised from previous *Data Book*.

Source: Hawaii State Department of Taxation, Tax Research & Planning, "Liquid Fuel Tax Base & Tax Collections" (annual release).

Table 17.16-- LIQUID FUEL TAX BASE, BY COUNTIES: 2003

[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	835,991	545,318	128,417	111,971	50,286
Gasoline	452,499	264,236	73,689	82,310	32,264
Diesel oil, non-hwy.	91,988	70,515	5,043	11,198	5,232
Diesel oil, hwy. use	37,004	21,559	4,307	8,917	2,221
Liq. pet. gas, off hwy.	5,739	5,557	137	44	.5
Liq. pet. gas, hwy. use	391	360	17	4	10
Small boats, gasoline	2	2	-	-	-
Small boats, diesel oil	22	3	-	19	-
Aviation fuel	248,065	182,918	45,109	9,478	10,560
Other fuel	281	167	115	-	-

Source: Hawaii State Department of Taxation, Tax Research & Planning, "Liquid Fuel Tax Base & Tax Collections, Calendar Year Ending December 31, 2003", January 28, 2004
<http://www.state.hi.us/tax/monthly/2003cy-fuels-base.pdf>.

Table 17.17-- GASOLINE STATIONS WITH PAYROLL, BY COUNTIES

[Excludes most government employees and self-employed persons]

Year	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
1987 1/	355	241	52	26	36
1992 1/	326	212	57	21	36
1997 2/	360	230	67	19	44
1999 2/	334	206	63	19	46
2000 2/	328	207	61	20	40
2001 2/	322	204	61	17	40

1/ SIC 554.

2/ NAICS 447.

Source: U.S. Bureau of the Census, *1987 Census of Retail Trade , Hawaii* , RC87-A-12 (May 1989), table 5; *1992 Census of Retail Trade , Hawaii* , RC92-A-12 (October 1994), table 4; *1997 Economic Census, Retail Trade, Hawaii* , EC97R44A-HI (November 1999), tables 1 and 3; U.S. Census Bureau, *County Business Patterns Hawaii: 2000* , CPB-00-13 (May 2002), tables 1 and 6 <<http://www.census.gov/prod/2002pubs/00cbp/cbp00-13.pdf>> accessed June 12, 2002; U.S. Census Bureau, *County Business Patterns Hawaii: 2001* , CPB-01-13 (April 2003), tables 1 and 6 <<http://www.census.gov/prod/2003pubs/01cbp/cbp01-13.pdf>> accessed May 15, 2003.

**Table 17.18-- BOILERS AND PRESSURE VESSELS, BY ISLANDS:
2002 AND 2003**

[As of December 31]

Island	Total	Power boilers	Heating boilers	Pressure vessels
2002 1/				
State total	9,755	537	2,481	6,737
Hawaii	1,339	83	319	937
Maui	1,250	78	310	862
Lanai	51	4	14	33
Molokai	74	7	25	42
Oahu	6,509	322	1,697	4,490
Kauai	532	43	116	373
2003				
State total	9,757	525	2,498	6,744
Hawaii	1,370	85	325	960
Maui	1,278	69	300	909
Lanai	50	3	14	33
Molokai	58	6	15	37
Oahu	6,453	309	1,729	4,415
Kauai	548	43	115	390

1/ Data have been revised from previous *Data Book*.

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: 1996 TO 2001**

[Millions of dollars. For fiscal years ended September 30]

Type of obligation	1996	1997	1998	1999	2000	2001
R&D	147.6	150.7	164.5	198.8	209.7	293.1
R&D plant	1.7	3.0	1.5	9.3	1.8	2.8

Source: National Science Foundation/Division of Science Resources Statistics, *Federal Funds for Research and Development: Fiscal Years 2001, 2002 and 2003* , tables C-111a and C-112a.

Table 17.20-- CHARACTERISTICS OF THE PRIVATE TECHNOLOGY SECTOR

Category and year	Total private sector	Private technology				
		All categories	Bio-technology	Information technology	Research development & tech education	Tele-communications
Operating units						
1996	31,253	741	19	415	140	167
1997	31,182	756	20	441	138	157
1998	31,253	806	24	469	149	164
1999	31,257	881	27	527	146	181
2000	33,554	1,056	31	664	167	194
2001	34,288	1,152	37	733	173	209
Average paid employment						
1996	427,676	10,607	140	2,372	1,772	6,323
1997	426,968	11,110	206	2,650	1,693	6,561
1998	426,255	12,031	509	3,200	1,596	6,727
1999	429,179	12,417	601	3,584	1,636	6,598
2000	443,220	13,016	656	4,026	1,800	6,534
2001	446,107	13,553	913	4,416	1,819	6,405
Total wages (\$million)						
1996	11,208	435.1	4.2	97.3	63.5	270.0
1997	11,516	285.4	5.9	122.4	61.7	285.4
1998	11,791	534.4	13.1	160.8	67.2	293.2
1999	12,084	581.7	15.6	188.4	69.6	308.1
2000	12,933	646.2	22.5	221.9	80.8	321.1
2001	13,293	688.0	27.1	247.8	90.7	322.3
Average annual wage						
1996	26,207	41,019	31,161	41,034	35,839	42,705
1997	26,973	42,758	28,455	46,190	36,445	43,497
1998	27,661	44,414	25,733	50,254	42,133	43,589
1999	28,155	46,893	27,148	52,565	42,540	46,700
2000	29,179	49,649	34,258	55,104	44,882	49,146
2001	29,797	50,762	29,713	56,121	49,876	50,319

Source: Hawaii State Department of Business, Economic Development & Tourism, DBEDT e-Reports "Hawaii's Technology Sector in 2001", November 2002 <<http://www.hawaii.gov/dbedt/tech02/index.html>> accessed January 14, 2003.

**Table 17.21-- SHARE OF TECHNOLOGY SECTOR JOBS, BY COUNTY:
1999 AND 2001**

[In percent]

Year	Hawaii	Maui	Honolulu	Kauai	County unknown
1999	7	8	80	4	1
2001	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-- RESEARCH AND NON-RESEARCH EXTRAMURAL FUNDING,
FOR THE UNIVERSITY OF HAWAII: 1991-92 TO 2002-03**

[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	Total		Research		Non-research	
	Awards	Amount (dollars)	Awards	Amount (dollars)	Awards	Amount (dollars)
1991-92	1,221	124,876,638	703	65,791,624	518	59,085,014
1992-93	1,146	131,075,215	636	61,059,928	510	70,015,287
1993-94	1,322	142,563,794	755	77,763,782	567	64,800,012
1994-95	1,147	139,199,221	616	70,222,653	531	68,976,568
1995-96	1,191	134,469,155	697	76,698,552	494	57,770,603
1996-97	1,255	160,859,800	724	89,131,636	531	71,728,164
1997-98	1,300	159,948,612	763	91,746,988	537	68,201,624
1998-99	1,254	164,168,101	707	92,737,645	547	71,430,456
1999-00	1,379	180,629,855	767	102,845,010	612	77,784,845
2000-01	1,405	216,233,918	835	132,833,308	570	83,400,610
2001-02	1,629	252,370,477	971	141,875,022	658	110,495,455
2002-03	1,646	323,868,218	976	190,374,465	670	133,493,753

Source: University of Hawaii, Office of Research Services, *2002 -2003 Extramural Awards*, p. i; <<http://www.hawaii.edu/ors/orsann/YearList.htm>>.

**Table 17.23-- RESEARCH AND DEVELOPMENT EXPENDITURES AT
DOCTORATE-GRANTING INSTITUTIONS: FISCAL YEARS 1991 TO 2001**

[In \$1,000]

	Total	Federally financed	State and local government financed	Industry financed	Institutionally financed	All other sources
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	1/ 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	-

1/ Data have been revised from previous *Data Book*.

Source: National Science Foundation/SRS, Academic Research and Development Expenditures. Fiscal Year 2001 (NSF 03-316) <<http://www.nsf.gov/sbe/srs/nsf03316/pdf/sectb.pdf>> accessed September 12, 2003.

Table 17.24-- PATENTS ISSUED TO HAWAII RESIDENTS: 1980 TO 2001

Calendar year	Patents	Calendar year	Patents	Calendar year	Patents
1980	35	1988	62	1996	104
1981	44	1989	71	1997	93
1982	30	1990	85	1998	93
1983	34	1991	80	1999	97
1984	39	1992	81	2000	93
1985	38	1993	106	2001	107
1986	46	1994	99		
1987	46	1995	84		

Source: U.S. Patent and Trademark Office, Information Products Division/TAF Branch, *Patent Counts by Country/State and Year, All Patents, All Types, January 1, 1977 -- December 31, 2001* (February 2002)
 <http://www.uspto.gov/web/offices/ac/ido/oeip/taf/cst_all.pdf> accessed July 31, 2003.

**Table 17.25-- ASTRONOMY AND RELATED FACILITIES AT
THE SUMMITS OF MAUNA KEA AND HALEAKALA: 2002**

Facility (mirror diameter in meters)	Capital cost 1/ (\$ mil)	Annual operating cost (\$ mil)	County based staff	Operational
Mauna Kea observatories:				
UH 0.6-m (Optical)	0.3	(2/)	(2/)	1968
UH 2.2-m (Optical/Infrared)	5	1.3	8	1970
Canada-France-Hawaii 3.6-m (Optical/Infrared)	30	6.2	50	1979
NASA IRTF 3.0-m (Infrared)	10	3.2	16	1979
United Kingdom 3.8-m (Infrared)	5	3.0	31	1979
James Clerk Maxwell 15-m Submillimeter	32	5.0	39	1986
Caltech 10.4-m Submillimeter	10	2.6	11	1986
W.M. Keck Observatory (Keck I & II) 10-m x 2 (Optical/Infrared)	170	11.0	115	1992/96
VLBA Antenna 25-m (Radio)	7	0.25	2	1992
Submillimeter Array 8x6-m	80	6.0	36	2003
Subaru (Japan National Large Telescope) 8-m (Optical/Infrared)	170	15.0	70	1999
Fredrick C. Gillett Gemini 8m (Optical/Infrared)	92	8.0	70	1999
Mauna Kea Observatories Support Services	(X)	3/ 2.4	28	(X)
Total	611	61.6	476	
Haleakala observatories:				
Mees Solar Observatory	0.5	0.1	2	1968
Lunar Ranging Facility	3.3	0.7	7	1976/84
Haleakala Observatories Projects	(NA)	0.5	4	1979
Maui Space Surveillance Site (MSSS) 4/ Advanced Electro-Optical System 3.7-m Telescope (AEOS)	200.0	16.0	120	1979
Magnum 2-m Telescope 5/	50.0	15.0	55	1997
Faulkes 2-m Telescope 6/ Haleakala Support Facilities	5.0	0.25	1	2000
	5.0	(NA)	(NA)	2003
	(X)	0.13	6	(NA)
Total	263.8	32.68	195	

NA Not available.

X Not applicable.

1/ Historical cost, not adjusted for inflation.

2/ Combined budget and staffing with UH 2.2-m telescope.

3/ Not included in the total since derived from facility operating costs.

4/ Formerly Air Force Maui Optical Station (AMOS).

5/ MAGNUM = Multicolor Active Galactic Nuclei Monitoring.

6/ Under construction.

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, 1997 Economic Census, 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: 2003*, Section 23.

Table 18.01-- HIGHWAY DISTANCES: 2003

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		
Lahaina-Wailea	32.4	Lihue-Haena	38.2
Lahaina-Napili	8.9	Lihue-Wailua	5.9
Lahaina-Kaanapali	3.7	Lihue-Lihue Airport	2.0
		Lihue-Poipu	11.9
LANAI		Lihue-Mana	32.9
		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 ISLANDS: DECEMBER 31, 2001 TO 2003

[Excludes private roads and military roads not regularly open to public use]

Island	Total mileage	Paved		Unpaved
		Freeways	Other	
2001				
State total	4,289.98	88.58	4,028.99	172.41
Hawaii	1,458.54	-	1,399.24	59.30
Maui	630.97	-	574.27	56.70
Lanai	47.48	-	33.48	14.00
Molokai	132.86	-	120.86	12.00
Oahu	1,606.88	88.58	1,510.38	7.92
Kauai	413.25	-	390.76	22.49
Niihau	-	-	-	-
2002				
State total	4,298.69	88.55	4,037.73	172.41
Hawaii	1,459.80	-	1,400.50	59.30
Maui	627.38	-	570.68	56.70
Lanai	47.48	-	33.48	14.00
Molokai	132.86	-	120.86	12.00
Oahu	1,617.19	88.55	1,520.72	7.92
Kauai	413.98	-	391.49	22.49
Niihau	-	-	-	-
2003				
State total	4,307.20	88.55	4,046.24	172.41
Hawaii	1,459.80	-	1,400.50	59.30
Maui	630.60	-	573.90	56.70
Lanai	47.48	-	33.48	14.00
Molokai	132.86	-	120.86	12.00
Oahu	1,622.48	88.55	1,526.01	7.92
Kauai	413.98	-	391.49	22.49
Niihau	-	-	-	-

Source: Hawaii State Department of Transportation, Highways Division, records.

Table 18.03-- HIGHWAY BRIDGES, BY ISLANDS: DECEMBER 31, 2003

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: 1998, 2000, 2001 and 2002

Area	Number of Bridges	Deficient and obsolete					
		Total		Structurally deficient 1/		Functionally obsolete 2/	
		Number	Percent	Number	Percent	Number	Percent
1998							
U.S.	582,984	172,582	29.6	93,076	16.0	79,506	13.6
Hawaii	1,060	541	51.0	127	12.0	414	39.1
2000							
U.S.	587,755	167,993	28.6	87,106	14.8	80,887	13.8
Hawaii	1,066	550	51.6	201	18.9	349	32.7
2001							
U.S.	590,066	165,099	28.0	83,630	14.2	81,469	13.8
Hawaii	1,071	537	50.1	193	18.0	344	32.1
2002							
U.S.	591,220	163,010	27.6	81,437	13.8	81,573	13.8
Hawaii	1,089	522	47.9	171	15.7	351	32.2

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. Federal Highway Administration, as cited in U.S. Census Bureau, *Statistical Abstract of the United States* for 2000 (table 1016), 2001 (table 1078), 2002 (table 1056), and 2003 (table 1079).

Table 18.05-- HIGHWAY TUNNEL LENGTHS: DECEMBER 31, 2003

Island and name of tunnel	Length (feet)
Oahu:	
Pali No. 1: Inbound (to Honolulu)	1,000
Outbound (from Honolulu)	1,080
Pali No. 2: Inbound	500
Outbound	497
Wilson: Inbound	2,775
Outbound	2,813
H-3: Inbound	4,890
Outbound	5,165
Middle Street	393
Hospital Rock Tunnel: Inbound	353
Outbound	354
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:
1993 TO 2003**

[Taxable and exempt vehicles. Includes vehicles registered but subsequently scrapped or shipped out of the State]

Year	All vehicles registered	Motor vehicles				
		All motor vehicles	Passenger vehicles 1/	Ambulances, hearses, patrol wagons	Buses	
1993	903,550	880,152	693,283	48	4,032	
1994	898,008	875,144	691,158	53	3,772	
1995	901,291	877,756	694,239	54	3,660	
1996	907,770	884,617	703,094	59	3,468	
1997	906,964	884,267	704,693	54	3,226	
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	
		Motor vehicles -- continued				
Year	Trucks 1/	Truck tractors, tow trucks	Truck crane, misc.	Motor-cycles, motor-scooters 2/	Trailers and semi-trailers	
1993	165,209	757	283	16,540	23,398	
1994	162,348	630	249	16,934	22,864	
1995	161,609	567	239	17,388	23,535	
1996	160,013	504	225	17,254	23,153	
1997	158,457	457	220	17,160	22,697	
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	

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 COUNTIES:
1993 TO 2003**

[Taxable and exempt vehicles. Includes passenger cars, ambulances, buses, trucks, motorcycles and vehicles registered but subsequently scrapped or shipped out of the State. Excludes trailers and semi-trailers]

Year	State total	City and County of Honolulu	County of Hawaii	County of Kauai	County of Maui
1993	880,152	604,602	111,138	54,068	110,344
1994	875,144	600,087	111,532	52,817	110,708
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

Source: Hawaii State Department of Transportation, Motor Vehicle Safety Office, records.

**Table 18.08-- VEHICLE REGISTRATION, BY TYPE OF VEHICLE, FOR
COUNTIES: 2003**

[Taxable and exempt vehicles. Includes vehicles registered but subsequently scrapped or shipped out of the State]

Type of vehicle	State total	City and County of Honolulu	County of Hawaii	County of Kauai	County of Maui
All vehicles	1,057,625	679,765	159,129	70,015	148,716
Motor vehicles	1,030,845	667,565	150,983	67,312	144,985
Passenger vehicles 1/	830,672	553,113	116,652	48,699	112,208
Ambulances	47	22	10	1	14
Buses	2,588	2,002	285	13	288
Trucks 1/	174,641	97,015	30,648	17,462	29,516
Truck tractors	510	268	128	26	88
Truck cranes	368	245	51	11	61
Motorcycles, motorscooters 2/	22,019	14,900	3,209	1,100	2,810
Trailers and semi-trailers	26,780	12,200	8,146	2,703	3,731

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, FOR
COUNTIES: 2003**

[Includes vehicles registered but subsequently scrapped or shipped out of state. Excludes trailers, semi-trailers and motorcycles]

Taxation status	State total	City and County of Honolulu	County of Hawaii	County of Kauai	County of Maui
Total registered	1,008,826	652,665	147,774	66,212	142,175
Taxable vehicles	940,232	587,446	146,427	65,452	140,907
Exempt vehicles	68,594	65,219	1,347	760	1,268
Federal government	382	363	13	2	4
State government	4,921	4,920	1	-	-
County government	6,121	3,955	703	467	996
Fire department	242	65	112	32	33
Police department	1,658	1,310	344	-	4
Consulates	54	54	-	-	-
Disabled veterans	137	71	9	50	7
Military non-resident	54,641	54,269	92	201	79
Farm	300	112	52	5	131
Horseless carriage	44	33	8	2	1
Electric vehicles	94	67	13	1	13

Source: Hawaii State Department of Transportation, Motor Vehicle Safety Office, records.

**Table 18.10-- VEHICLES AVAILABLE TO OCCUPIED HOUSING UNITS,
BY COUNTIES: 2000**

Vehicles available	State	Hawaii	Honolulu	Kalawao	Kauai	Maui
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: 1982 TO 1997

Category (100 percent)	Selected characteristic	Percent of category			
		1982	1987	1992	1997
Total trucks (1,000)		...	160.8	280.3	294.2
Major use	Personal transportation	54.3	60.5	61.7	70.5
Body type	Pickup, panel, mini-van, and sport utility 1/	89.1	91.2	93.8	94.9
Vehicle size	Light	92.9	94.6	95.6	95.9
Annual miles	Less than 10,000	59.7	57.0	50.0	44.1
Year model	Over 4 years old	75.8	62.1	66.8	74.1
Vehicle acquisition	Purchased new	47.3	49.6	54.3	48.3
Truck type	Single-unit, 2 axles	96.6	96.4	96.6	97.7
Range of operation	Local	78.2	80.2	79.3	81.1
Fuel type	Diesel, liquefied gas, and other	3.7	5.4	4.7	4.8

1/ Includes station wagons and vans similar to panel trucks.

Source: U.S. Census Bureau, *1997 Economic Census, Vehicle Inventory and Use Survey, Hawaii*, EC97TV-HI (November 1998), tables 1a and 2 <<http://www.census.gov/econ/www/viusmain.html>>.

**Table 18.12-- NEW RETAIL CAR AND LIGHT TRUCK (VAN)
REGISTRATIONS: 1989 TO 2003**

[Excludes U-drive/Fleet sales]

Year	Number	Year	Number	Year	Number
1989	57,456	1994	44,175	1999	45,054
1990	54,544	1995	41,083	2000	51,500
1991	47,783	1996	41,480	2001	51,388
1992	44,865	1997	42,487	2002	53,314
1993	45,249	1998	40,673	2003	62,712

Source: Hawaii Automobile Dealers Association, records.

**Table 18.13-- NEW RETAIL CAR AND LIGHT TRUCK (VAN) REGISTRATIONS,
BY NAMEPLATE: 2002 AND 2003**

[Excludes U-drive/Fleet sales]

Nameplate	2002	2003
Total	53,314	62,712
Toyota	11,702	14,118
Honda	5,846	7,329
Ford	6,777	7,302
Nissan	5,043	6,295
Chevrolet	3,189	3,917
Dodge	2,707	3,276
Mazda	2,754	3,037
Volkswagen	1,573	1,457
Lexus	1,139	1,394
BMW	915	1,234
Mercedes	971	1,164
Saturn	811	1,119
All others	9,887	11,070

Source: Hawaii Automobile Dealers Association, *Hawaii Auto Outlook*, First Quarter, 2004.

**Table 18.14-- NEW RETAIL CAR AND LIGHT TRUCK (VAN)
REGISTRATIONS, BY PLACE OF MANUFACTURE: 2002 AND 2003**

[Excludes U-drive/Fleet sales]

Type and place of manufacture	2002	2003
Total	53,314	62,712
Car	24,216	27,230
Light truck	29,098	35,482
Chrysler, Ford, General Motors	16,976	19,407
Japanese	30,075	35,912
European	4,953	5,874
Korean	1,310	1,519

Source: Hawaii Automobile Dealers Association, *Hawaii Auto Outlook*, First Quarter, 2004.

**Table 18.15-- HAWAII DRIVERS LICENSES IN FORCE, BY COUNTIES:
1991 TO 2003**

[As of December 31]

Year	State total	City and County of Honolulu	County of Hawaii	County of Kauai	County of Maui
1991	699,664	501,260	86,181	38,894	73,329
1992	716,545	510,901	89,436	39,947	76,261
1993	734,381	522,016	92,264	41,910	78,191
1994	745,392	527,756	94,257	42,736	80,643
1995	732,508	516,780	94,048	42,041	79,639
1996	733,486	515,780	94,943	41,775	80,988
1997	738,865	517,904	96,665	42,079	82,217
1998	746,329	520,734	98,252	42,363	84,980
1999	752,693	521,671	100,331	43,141	87,550
2000	769,383	529,890	104,058	44,471	90,964
2001	787,820	542,244	106,557	45,424	93,595
2002	814,668	560,222	110,561	46,840	97,045
2003	834,188	572,665	113,760	48,047	99,716

Source: Hawaii State Department of Transportation, Highways Division, records.

**Table 18.16-- HAWAII DRIVERS LICENSES IN FORCE, BY AGE
AND SEX: DECEMBER 31, 2002 AND 2003**

Age	Both sexes		Male		Female	
	2002	2003	2002	2003	2002	2003
Total	814,668	834,188	430,135	440,583	384,533	393,605
15 to 19 years	30,647	29,527	16,570	16,029	14,077	13,498
20 to 24 years	71,046	72,199	37,997	38,412	33,049	33,787
25 to 34 years	153,372	156,602	80,300	82,390	73,072	74,212
35 to 44 years	171,312	172,242	88,337	88,880	82,975	83,362
45 to 54 years	169,441	173,030	88,128	90,007	81,313	83,023
55 to 64 years	111,727	120,090	60,038	64,466	51,689	55,624
65 to 74 years	66,109	66,946	35,230	35,794	30,879	31,152
75 to 84 years	35,953	37,938	20,208	21,011	15,745	16,927
85 years and over	5,061	5,614	3,327	3,594	1,734	2,020
Median age (years)	1/ 43	43	1/ 43	43	1/ 43	43

1/ Revised from previous *Data Book*.

Source: Hawaii State Department of Transportation, Public Affairs Office, records.

**Table 18.17-- MOTOR VEHICLE FUEL CONSUMPTION AND VEHICLE MILES,
1990 TO 2003, AND BY COUNTIES, 2002 AND 2003**

Year and county	Highway fuel consumption 1/		Vehicle miles of travel	
	Total (1,000 gallons)	Gallons per vehicle 2/	Total (millions)	Per vehicle 2/
1990	395,185	444	8,065.4	9,071
1991	406,819	453	8,142.2	9,075
1992	405,963	457	8,065.5	9,070
1993	409,940	468	7,945.3	9,063
1994	428,558	490	7,925.2	9,056
1995	422,884	482	7,944.1	9,051
1996	426,370	482	8,005.9	9,050
1997	421,499	477	8,003.0	9,050
1998	422,928	473	8,090.2	9,055
1999	417,374	460	8,215.2	9,058
2000	428,425	455	8,525.7	9,058
2001	445,558	461	8,754.3	9,052
2002	477,518	484	8,937.3	9,050
2003	483,232	469	9,325.0	9,046
COUNTIES: 2002				
Honolulu	303,142	472	5,646.6	8,791
Hawaii	80,443	563	1,389.8	9,733
Kauai	28,791	443	669.0	10,292
Maui	65,142	474	1,231.9	8,958
COUNTIES: 2003				
Honolulu	284,685	427	5,851.0	8,783
Hawaii	88,383	583	1,474.1	9,726
Kauai	33,024	480	707.4	10,291
Maui	77,140	534	1,292.5	8,952

1/ Includes gasoline, diesel oil, and butane gas.

2/ Based on motor vehicle total by county of inspection; includes both taxable and nontaxable vehicles, and all military nonresident exempt vehicles. Data include passenger cars, buses, trucks, and motorcycles but exclude trailers and semi-trailers.

Source: Hawaii State Department of Transportation, Highways Division, Planning Branch, records.

**Table 18.18-- TOTAL 24-HOUR TRAFFIC VOLUMES AT SELECTED OAHU
SURVEY SITES: 2001 TO 2003**

Site	2001	2002	2003
Pali Highway at tunnels	45,188	47,000	45,851
Likelike Highway at tunnels	31,926	32,227	(NA)
H-1 Freeway at Manoa-Palolo Drainage Canal	115,458	(NA)	111,380
H-1 Freeway at Kapalama Drainage Canal Bridge	219,035	210,138	218,083
Nimitz Highway at Kapalama Drainage Canal Bridge	75,961	74,923	(NA)
Kalaniana'ole Highway east of Ainakoa Ave.	81,455	(NA)	(NA)

NA Not available.

Source: Hawaii State Department of Transportation, Highways Division, Planning Branch, records.

Table 18.19-- ROADWAY CONGESTION FOR THE HONOLULU URBANIZED AREA AND THE AVERAGE OF URBANIZED AREAS IN THE UNITED STATES: 1999 AND 2000

Subject	Honolulu		U.S. (average)	
	1999	2000	1999 1/	2000 2/
Freeway daily vehicle miles of travel (1,000)	5,715	5,625	15,960	15,375
Per lane-mile of freeway	14,290	14,065	15,890	16,035
Annual person hours of delay	13,420	7,690	65,930	47,595
Per person	19	11	36	27
Annual congestion cost:				
Per person (dollars)	345	225	625	505
Delay and fuel cost (mil. dol.)	240	155	1,145	900
Fuel wasted (gal. per person)	30	19	55	43

1/ 41 urbanized areas.

2/ 70 urbanized areas.

Source: Texas Transportation Institute, as cited in U.S. Census Bureau, *Statistical Abstract of the United States* for 2000 (table 1034), 2001 (table 1089), and 2002 (table 1066).

Table 18.20-- MAJOR TRAFFIC ACCIDENTS, TRAFFIC INJURIES, AND TRAFFIC DEATHS, 1993 TO 2003, AND BY COUNTIES, 2001 TO 2003

Year	Major traffic accidents 1/		Persons injured or killed	
	Total	Fatal	Injured only	Killed
1993	21,471	121	13,878	133
1994	19,851	110	13,310	122
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	2/ 10,660	2/ 116	2/ 8,948	2/ 120
2003	(NA)	118	(NA)	136
COUNTIES: 2001				
Honolulu	6,406	74	5,036	79
Hawaii	2,781	29	1,819	30
Kauai	524	4	440	4
Maui	1,159	26	1,346	28
COUNTIES: 2002				
Honolulu	2/ 6,759	2/ 67	2/ 5,425	2/ 67
Hawaii	2/ 2,255	27	2/ 1,843	28
Kauai	2/ 637	5	2/ 524	5
Maui	2/ 1,009	17	2/ 1,156	20
COUNTIES: 2003				
Honolulu	(NA)	66	(NA)	81
Hawaii	(NA)	32	(NA)	35
Kauai	(NA)	5	(NA)	5
Maui	(NA)	15	(NA)	15

NA Not available.

1/ Effective 1991, includes only accidents with damage of \$1,000 or more or causing injury or death. Effective June 20, 1995, includes only accidents with damage of \$3,000 or more or causing injury or death.

2/ Revised from previous *Data Book*.

Source: Hawaii State Department of Transportation, Highways Division, Traffic Safety Section, records.

**Table 18.21-- TRAFFIC FATALITIES AND HIGHEST BLOOD ALCOHOL CONCENTRATION (BAC)
IN THE CRASH: 1998, 2000 and 2001**

Area	All fatalities	Any alcohol (BAC = 0.01 g/dl) or more								
		No alcohol BAC = 0.00g/dl 1/		Total number	Percent	Low alcohol 2/		High alcohol 3/		
		Number	Percent			Number	Percent	Number	Percent	
1998										
U.S.	41,717	25,741	62	15,976	38	3,523	8	12,453	30	
Hawaii	98	55	56	43	44	11	12	31	32	
2000										
U.S.	41,821	25,168	60	16,653	40	3,761	9	12,892	31	
Hawaii	131	77	59	54	41	17	13	37	28	
2001										
U.S.	42,116	24,668	59	17,448	41	2,515	6	14,933	35	
Hawaii	140	80	57	60	43	9	7	51	36	

1/ Blood alcohol content (BAC) is measured in grams per deciliter (g/dl). One decileter = 1/10 liter.

2/ Low alcohol was designated as "BAC=0.01-0.09 g/dl" for 1998 and 2000. It was changed to "BAC=0.01-0.07 g/dl" in 2001.

3/ High alcohol was designated as "BAC=.10 g/dl or more" for 1998 and 2000. It was changed to "BAC=0.08 g/dl or more" in 2001.

Source: U.S. National Highway Traffic Safety Administration, as cited in U.S. Census Bureau, *Statistical Abstract of the United States* for 2001 (table 1098), 2002 (table 1075), and 2003 (table 1103).

**Table 18.22-- REGISTERED TAXICABS AND BICYCLES, BY ISLANDS:
2001 TO 2003**

[As of December 31]

Island	Taxicabs 1/			Bicycles and mopeds 2/		
	2001	2002	2003	2001	2002	2003
Hawaii	159	167	160	4,551	3,816	1,957
Maui	216	235	217	2,225	1,857	1,493
Lanai	-	-	-	24	31	13
Molokai	-	-	-	45	35	24
Oahu	1,636	3/ 1,367	1,319	3/ (NA)	3/ 129,418	153,098
Kauai	-	-	-	488	385	294

NA No available.

1/ Licensed during the calendar year. Taxicabs are licensed annually, except in Kauai County, where registration is not required.

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/ Revised from previous *Data Book* .

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): 1992 AND 1997**

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

Subject	State total	Counties			
		Hawaii	Honolulu	Kauai	Maui
Number of establishments:					
1992	82	18	36	6	22
1997	63	11	25	8	19
Revenue (1000 \$):					
1992	332,100	38,600	195,000	23,600	74,800
1997	347,624	45,172	154,679	43,014	104,759

Source: U.S. Census Bureau, *1992 Census of Service Industries, Hawaii*, SC92-A-12 (Aug. 1994), tables 1a, 6, and 7a, and *1997 Economic Census, Real Estate and Rental and Leasing, Hawaii* (Aug. 1999), tables 1 to 3.

**Table 18.24-- MOTOR CARRIER CHARACTERISTICS, BY COUNTIES:
2002 AND 2003**

[As of September]

County	Passenger carriers 1/			Property carriers 2/	
	Number of carriers	Number of vehicles	Seating capacity	Number of carriers	Number of vehicles
2002					
State total	1,937	8,925	213,670	5,655	35,309
Hawaii	238	1,448	43,661	1,164	5,925
Maui	313	1,956	45,270	922	4,535
Honolulu	1,258	4,830	107,499	3,080	22,923
Kauai	128	691	17,240	489	1,926
2003					
State total	2,013	9,522	271,076	5,953	36,885
Hawaii	258	1,518	46,336	1,223	6,225
Maui	332	2,341	58,525	1,078	5,302
Honolulu	1,278	4,928	147,840	3,132	23,310
Kauai	145	735	18,375	520	2,048

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 2003

[As of June 30. Tables in previous Data Book editions were based on calendar year. Service provided by City and County of Honolulu bus system]

Year	Number of buses	Bus mileage 1/	Total passengers 2/	Revenues (dollars)
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

1/ Estimated number of vehicle miles.

2/ Estimated number of passengers, including senior citizens and disabled.

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 2004

[In dollars]

Effective date	One-way cash fare 1/		Monthly pass 2/	
	Adult	Youth	Adult	Youth
March 1, 1971	.25	.15	...	...
March 2, 1971	.25	.10	...	...
June 9, 1972 3/	.25, .50	.10, .25	...	...
March 15, 1974	.25	.10	...	...
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 4/	2.00	1.00	40.00	20.00

1/ In addition, there have been special fares for senior citizens, persons with a disability, service to and from Pearl Harbor, and the Stadium Express during many of these years.

2/ In addition, there have been special passes for senior citizens and persons with a disability.

3/ Zone fares initiated and later eliminated.

4/ Most recent change. Annual pass: adult (440.00), youth (220.00), senior citizen or person with a disability (30.00).

Source: City and County of Honolulu, Honolulu Public Transit Authority, records; Department of Transportation Services, records <<http://www.thebus.org/Fare/Fare.asp>> accessed July 27, 2004.

**Table 18.27-- STEAM RAILROAD MILEAGE AND PASSENGERS:
1987 TO 2003**

[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]

Calendar year	Lahaina Kaanapali & Pacific Railroad		Hawaiian Railway		Calendar 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)	1996	6.0	418,099	6.5	19,678
1988	6.0	285,139	(NA)	(NA)	1997	6.0	369,327	6.5	20,850
1989	6.0	296,391	(NA)	(NA)	1998	6.0	(NA)	6.5	19,763
1990	6.0	308,910	(NA)	(NA)	1999	6.0	281,161	7.0	14,733
1991	6.0	316,079	(NA)	(NA)	2000	(NA)	(NA)	7.0	13,962
1992	6.0	385,261	(NA)	(NA)	2001	(NA)	(NA)	7.0	14,982
1993	6.0	388,484	(NA)	(NA)	2002	(NA)	(NA)	7.0	17,882
1994	6.0	390,862	5.0	1/ 12,821	2003	(NA)	(NA)	7.0	15,970
1995	6.0	447,211	6.5	16,704					

NA Not available.

1/ Data incomplete.

Source: Lahaina Kaanapali & Pacific Railroad, records; Hawaiian Railway, records.

**Table 18.28-- AIRPORTS AND HELIPORTS, BY CONTROL,
BY ISLANDS: 1998 AND 1999**

[As of December 31]

Island	Airports 1/				Heliports 2/	
	State 3/		Military	Semi-private	State: commercial	Semi-private
	Com-mercial	General aviation				
1998						
State total	9	7	6	1	-	5
Hawaii	2	2	1	-	-	4
Maui	2	1	-	-	-	-
Kahoolawe	-	-	-	-	-	-
Lanai	1	-	-	-	-	-
Molokai	1	1	-	-	-	-
Oahu	1	2	4	-	-	1
Kauai	1	1	1	1	-	-
Niihau	-	-	-	-	-	-
Kure Atoll 4/	1	-	-	-	-	-
1999						
State total	9	7	6	1	-	5
Hawaii	2	2	1	-	-	4
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 2002

[Fiscal year ending June 30]

Year	Aircraft operations 1/	Enplaned passengers	Rank 2/
2000	3/ 237,188	4/ 10,815,367	23
2001	231,388	5/ 10,150,357	24
2002	219,286	5/ 9,108,574	25

1/ Include itinerant air carrier and air taxi only.

2/ Ranked by total enplanements, among 100 cities, 1 is highest.

3/ Revised from previous *Data Book*.

4/ Revised from previous *Data Book*. Include air carrier, air taxi, commuter and international.

5/ Include air carrier, commuter and international.

Source: U.S. Department of Transportation, Federal Aviation Administration, *Terminal Area Forecast Summary Fiscal Years 2001-2015*, FAA-APO-01-7 (December 2001); *Fiscal Years 2002-2020*, FAA-APO-03-2 (April 2003); *Fiscal Years 2003-2020*, FAA-APO-04-1 (March 2004), table S-4 <<http://apo.faa.gov>> accessed July 19, 2004.

Table 18.30-- AIRCRAFT OPERATIONS, BY TYPE OF AIRCRAFT, AT MAJOR STATE-OWNED AIRPORTS: 2000 AND 2001

[An FAA directive dated December 8, 1987, requires all aircraft with 60 seats or less to be designated as air taxis, even if such aircraft are operated by a designated air carrier. This reclassification especially affects the data for Molokai Airport]

Airport	Total operations	Air carrier	Air taxi	General aviation	Military
2000					
Honolulu International	345,771	206,870	31,539	91,484	15,878
Kahului	174,855	63,799	77,779	29,983	3,294
Kona International	98,052	29,561	9,547	47,021	11,923
Lihue	113,850	33,645	57,883	17,800	4,522
Hilo International	115,546	22,266	48,680	32,908	11,692
Molokai	44,691	1,484	27,385	11,869	3,953
Kalaeloa	160,157	-	532	133,466	26,159
2001					
Honolulu International	327,006	186,000	37,676	86,283	17,047
Kahului	160,324	55,937	69,635	31,816	2,936
Kona International	107,793	27,183	10,926	55,094	14,590
Lihue	103,655	30,593	55,586	12,230	5,246
Hilo International	96,238	19,450	42,426	25,077	9,285
Molokai	43,806	1,138	26,890	12,532	3,246
Kalaeloa	183,600	-	264	159,631	23,705

Source: Hawaii State Department of Transportation, Airports Division, *Airport Activity Statistics Calendar Year 2002* <<http://www.hawaii.gov/dot/airports/publications/cysmallone.pdf>> accessed September 26, 2003.

**Table 18.31-- AIRCRAFT OPERATIONS FOR SPECIFIED AIRPORTS:
1991 TO 2002**

[An aircraft operation is an aircraft arrival or departure]

Year	Honolulu International Airport	Hilo International Airport 1/	Kona International Airport 2/	Kahului Airport	Lihue Airport	Molokai Airport
1991	403,566	88,206	56,140	180,857	112,679	47,898
1992	403,628	91,055	63,939	178,752	103,686	35,662
1993	358,505	92,297	59,904	172,265	70,910	39,057
1994	359,569	86,292	66,438	179,227	91,582	38,369
1995	373,926	84,917	73,537	179,883	97,400	45,517
1996	372,268	87,862	77,025	178,590	106,332	49,221
1997	358,784	101,521	87,358	173,342	111,349	44,667
1998	334,046	112,479	81,285	180,890	105,979	49,353
1999	346,609	115,820	82,955	188,385	115,523	49,184
2000	345,771	115,546	98,052	174,855	113,850	44,691
2001	327,006	96,238	107,793	160,324	103,655	43,806
2002	323,726	97,540	123,704	157,868	102,426	43,065

1/ Formerly General Lyman Field; new name became effective July 1, 1989.

2/ 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; *Airport Activity Statistics Calendar Year 2002* <<http://www.hawaii.gov/dot/airports/publications/cysmallone/pdf>> accessed September 26, 2003.

Table 18.32-- TRANSPACIFIC AND INTER-ISLAND AIR CARRIERS SERVING HAWAII: 1996 TO 1999

[As of June 30. Includes both scheduled and nonscheduled service, and also commuter lines and other air taxi service]

Service	1996	1997	1998	1999
All carriers	39	40	40	43
Transpacific only	24	25	27	29
Domestic	12	12	12	12
Foreign	12	13	15	17
Transpacific and interisland	5	6	4	4
Interisland only	10	9	9	10
Passenger carriers	6	6	5	6
Cargo and mail only	4	3	4	4

Source: Hawaii State Department of Transportation, Airports Division, records.

**Table 18.33-- ESTIMATED SCHEDULED AIRLINE SEAT CAPACITY FOR
ARRIVING FLIGHTS: 2001 TO 2003**

[Non-stop flights only, does not include charter flights.]

Airport	2001	2002	2003
State of Hawaii	8,402,845	8,252,306	8,557,770
Honolulu International	6,556,242	6,320,832	6,349,083
Kahului	1,254,666	1,283,488	1,444,386
Kona International	451,006	459,598	482,371
Lihu'e	140,931	188,388	281,930
Domestic	5,260,414	5,461,558	5,951,644
International	3,142,431	2,790,748	2,606,126

Source: *OAG FlightDisk Worldwide Edition* .

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. 31	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: 2001 AND 2002**

Subject	Aloha Airlines		Hawaiian Airlines	
	2001	2002	2001	2002
Operating aircraft (year-end)	23	25	31	26
Employees, full-time equivalents	2,460	2,196	3,061	2,969
Aircraft departures	73,550	62,509	59,565	52,291
Revenue passengers (1,000) 1/	4,598	4,367	5,459	5,183
Revenue passenger miles (million) 1/	1,270	1,605	4,145	4,450
Passenger revenues (\$million) 1/	259	278	488	529
Cargo revenues (\$million)	38	37	21	20
Operating revenues (\$million)	306	329	612	632
Operating profit/loss (\$million)	(24)	(23)	(15)	(55)
Net profit/loss (\$million)	(11)	(44)	5	(58)

1/ Scheduled service only.

Source: Air Transport Association, *2003 Economic Report*, p. 20

<<http://www.airlines.org/econ/files/2003AnnualReport.pdf>> accessed July 23, 2004.

Table 18.36-- HAWAII LOCATIONS AMONG THE TOP 30 DOMESTIC AIRLINE MARKETS: 1998 TO 2002

[Includes all commercial airports in a metropolitan area.
Outbound plus inbound; does not include connecting passengers.]

Rank	Origin or destination	Passengers (1,000)
1998		
6	Honolulu - Kahului	2,541
16	Honolulu - Lihue	1,637
18	Honolulu - Kona	1,467
25	Honolulu - Los Angeles	1,335
1999		
7	Honolulu - Kahului	2,691
16	Honolulu - Lihue	1,749
22	Honolulu - Kona	1,459
26	Honolulu - Los Angeles	1,389
2000		
8	Honolulu - Kahului	2,607
16	Honolulu - Lihue	1,733
24	Honolulu - Kona	1,466
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

1/ Top 25 domestic airline markets.

Source: Air Transport Association, *2003 Economic Report*, p. 25

<<http://www.airlines.org/econ/files/2003AnnualReport.pdf>> accessed July 23, 2004.

**Table 18.37-- OVERSEAS AND INTER-ISLAND AIR PASSENGER
MOVEMENTS: 1988 TO 2001**

[Calendar years. Data include both revenue and non-revenue passengers]

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

1/ At airports in Honolulu, Kahului, Kona, Lihue and Hilo. Includes passengers from the West Coast, Canada, Europe, and the Central and South Pacific.

Source: Hawaii State Department of Transportation, Airports Division, records; *Airport Activity Statistics Calendar Year 2002* <<http://www.hawaii.gov/dot/airports/publications/cysmallone/pdf>> accessed September 26, 2003.

Table 18.38-- PASSENGERS, CARGO, AND MAIL, OVERSEAS AND INTERISLAND, BY AIRPORT: 2000

Airport	Passengers 1/		Cargo (U.S. tons)		Mail (U.S. tons)	
	Enplaned	Deplaned	Enplaned	Deplaned	Enplaned	Deplaned
OVERSEAS						
Total	2/ 7,959,325	7,981,640	179,881	160,251	29,740	55,198
Honolulu	2/ 6,642,705	6,553,097	165,247	151,299	28,773	55,166
Kahului	965,586	1,009,205	7,390	6,688	641	32
Kona 3/	254,670	316,211	7,244	2,180	326	-
Lihue	96,364	103,127	-	84	-	-
Hilo	-	-	-	-	-	-
INTERISLAND						
Total	10,378,775	10,378,775	71,190	71,190	30,384	30,384
Honolulu	4,629,187	4,795,326	46,543	26,118	20,158	3,538
Kahului	2,146,703	2,080,900	6,147	17,872	2,730	7,607
Kona 3/	1,194,754	1,076,462	888	4,911	1,213	4,911
Lihue	1,345,787	1,338,243	4,827	10,373	4,827	10,457
Hilo	783,254	805,473	11,909	9,896	1,169	2,547
Upolu	-	-	-	-	-	-
Waimea-Kohala	2,283	2,322	5	15	8	733
Hana	3,779	3,533	25	10	-	-
Kapalua	61,695	60,966	273	316	273	316
Molokai	126,810	131,165	485	847	5	171
Kalaupapa	3,110	2,981	12	190	-	5
Lanai	81,409	81,383	76	642	1	99
Dillingham (USA)	-	-	-	-	-	-
Princeville 4/	4	21	-	-	-	-

1/ Revenue and non-revenue, excluding Military Airlift Command (MAC).

2/ Excludes overseas passengers in transit (407,359, passing through Honolulu International Airport).

3/ Formerly Keahole Airport.

4/ Leased by the State of Hawaii.

Source: Hawaii State Department of Transportation, Airports Division, *Airport Activity Statistics Calendar Year 2002* <<http://www.hawaii.gov/dot/airports/publications/cysmallone.pdf>> accessed September 26, 2003.

Table 18.39-- PASSENGERS, CARGO, AND MAIL, OVERSEAS AND INTERISLAND, BY AIRPORT: 2001

Airport	Passengers 1/		Cargo (U.S. tons)		Mail (U.S. tons)	
	Enplaned	Deplaned	Enplaned	Deplaned	Enplaned	Deplaned
OVERSEAS						
Total	2/ 7,263,415	7,270,532	121,478	102,294	25,340	51,291
Honolulu	2/ 5,781,553	5,691,752	107,781	94,939	23,331	51,147
Kahului	1,067,849	1,079,015	7,919	5,511	1,133	136
Kona 3/	275,062	356,118	5,778	1,785	876	8
Lihue	138,951	143,485	-	59	-	-
Hilo	-	162	-	-	-	-
INTERISLAND						
Total	9,169,182	9,169,182	75,037	75,037	21,433	21,433
Honolulu	4,498,754	3,904,023	48,099	25,121	16,306	5,115
Kahului	1,449,602	2,132,627	6,135	17,321	1,977	7,176
Kona 3/	1,054,349	954,789	4,223	9,754	948	4,077
Lihue	1,200,676	1,195,805	3,490	9,995	975	2,270
Hilo	733,107	747,329	12,187	10,907	1,126	2,415
Upolu	-	-	-	-	-	-
Waimea-Kohala	1,242	1,230	-	1	69	278
Hana	2,933	2,781	51	16	-	-
Kapalua	47,609	47,781	278	304	-	-
Molokai	106,898	108,740	486	836	22	62
Kalaupapa	1,295	1,252	15	170	1	3
Lanai	72,714	72,822	73	612	9	37
Dillingham (USA)	-	-	-	-	-	-
Princeville 4/	3	3	-	-	-	-

1/ Revenue and non-revenue, excluding Military Airlift Command (MAC).

2/ Excludes overseas passengers in transit (275,853 passing through Honolulu International Airport).

3/ Formerly Keahole Airport.

4/ Leased by the State of Hawaii.

Source: Hawaii State Department of Transportation, Airports Division, *Airport Activity Statistics Calendar Year 2002* <<http://www.hawaii.gov/dot/airports/publications/cysmallone/pdf>> accessed September 26, 2003.

Table 18.40-- AIR CARGO AND AIRMAIL: 1989 TO 1999

Calendar year	Overseas air cargo (in thousands of pounds)		Overseas airmail (in thousands of pounds)		Interisland (in U.S. tons)	
	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

Source: Hawaii State Department of Transportation, Airports Division, records.

Table 18.41-- NON-STOP FLIGHTS TO DEPART HONOLULU INTERNATIONAL AIRPORT, BY DESTINATION: JULY 2003

[Transpacific flights to depart from Honolulu during a one-week period, including scheduled and chartered flights]

Destination	Flights during week	Destination	Flights during week
Transpacific	770	Japan	112
U.S.	595	Fukuoka	8
West	507	Hiroshima	2
Anchorage	2	Nagoya	8
Burbank	14	Osaka	24
Denver	7	Sapporo	6
Las Vegas	7	Sendai	4
Los Angeles	201	Tokyo-Narita	60
Oakland	25	Other Asia	7
Ontario	7	Seoul	6
Orange County	21	Taiwan	1
Phoenix	11	Australia / New Zealand	14
Portland	10	Auckland	3
San Diego	12	Sydney	11
San Francisco	131	Other	26
San Jose	14	Apia	1
Sacramento	7	Christmas Island	1
Salt Lake City	7	Guam	8
Seattle	31	Johnston Island	1
East	88	Manila	2
Chicago	16	Marshall Island	1
Dallas	28	Nadi	3
Houston	23	Pago Pago	3
Minneapolis	7	Papeete	1
Newark	7	Rarotonga	1
St. Louis	7	Majuro	4
Canada	16		
Vancouver	16		

Source: Hawaii State Department of Transportation, Airports Division, records.

**Table 18.42-- ONE-WAY FARES FOR INTER-ISLAND FLIGHTS BY
HAWAIIAN AIRLINES: 1999 TO 2003**

[As of July 1]

Category	1999	2000	2001	2002	2003
Regular fare	94.75	94.50	95.25	99.00	1/ 119
Kamaaina fare:					
Monday - Thursday	61.75	61.50	65.25	69.00	2/ 69
Friday - Sunday	63.75	63.50	68.25	72.00	2/ 69

1/ Unrestricted.

2/ Kamaaina fare replaced by lowest capacity-controlled fare.

Source: Hawaiian Airlines, records.

**Table 18.43-- AIR FARES BETWEEN HONOLULU AND LOS ANGELES,
SAN FRANCISCO, AND SEATTLE, FOR UNITED AIRLINES:
2003 AND 2004**

[Weekdays. In dollars, includes taxes but does not reflect \$3.00 airport charge where applicable]

Fare category	Los Angeles	San Francisco	Seattle
2003 1/			
One-way:			
First class	1,200	1,459	1,440
Coach (unrestricted)	714	714	794
Round-trip:			
First class	2,400	2,918	2,880
Coach (unrestricted)	1,428	1,428	1,588
Lowest round-trip: 2/	576	576	714
2004 3/			
One-way:			
First class	1,201	1,251	1,444
Coach (unrestricted)	714	714	796
Round-trip:			
First class	2,402	2,502	2,888
Coach (unrestricted)	1,428	1,428	1,592
Lowest round-trip: 2/	576	576	716

1/ As of July 1.

2/ Restrictions apply. Fares are subject to change without notice. Payment up to 21 days before travel may be required. Fare may not be available for travel on certain days of the week or holidays.

3/ As of May 3.

Source: United Airlines, records.

Table 18.44-- STATE COMMERCIAL HARBORS: 2003

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	2,669	122	762
Kawaihae	40	35	1,500	1,450	1,562	23	558
Maui:							
Kahului	35	35	2,400	2,050	3,319	87	1,290
Molokai:							
Kaunakakai	23	23	1,500	600	691	7.4	125
Lanai:							
Kaunapali	60	20-60	(NA)	(NA)	400	-	100
Oahu:							
Honolulu	} 45	40	{ 3,300	1,520	} 29,872	1,447	8,935
Main							
Kapalama	} 42	38	{ 3,400	1,000	} 2,990	36	1,838
Barbers Point							
Kauai:							
Nawiliwili	40	35	1,950	1,540	1,916	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, unpublished data.

Table 18.45-- HARBOR DEPTHS: 2001

[In feet]

Harbor	Controlling depth		Project depth	
	Entrance channel	Basin	Entrance channel	Basin
Hilo	...	34	...	35
Kawaihae	42	36	40	35
Kahului	...	34	...	35
Honolulu	45	40	45	40
Barbers Point	42	37	42	38
Nawiliwili	41	34	40	35

Source: U.S. Army Corps of Engineers, Waterborne Commerce Statistics Center, *2001 Waterborne Commerce of the United States* (annual), Part 4 <<http://www.iwr.usace.army.mil/ndc/wcuspa01.pdf>> accessed July 28, 2003.

**Table 18.46-- SMALL CRAFT MOORING FACILITIES,
BY ISLANDS: DECEMBER 31, 2003**

Island	Catwalks and piers		Other mooring areas		Offshore mooring	
	Capacity	Moored	Capacity	Moored	Capacity	Moored
State total	1,888	1,597	311	169	501	291
Hawaii	326	302	-	-	-	51
Maui	188	187	125	-	143	105
Oahu	1,258	1,000	170	155	246	119
Kauai	116	108	16	14	112	16

Source: Hawaii State Department of Land and Natural Resources, Division of Boating and Ocean Recreation, *Small Craft Mooring Facilities Utilization Report* (quarterly).

**Table 18.47-- LIGHTHOUSES AND RELATED FACILITIES, BY ISLANDS:
2003**

[Includes all lights, day beacons, buoys, and similar aids to navigation in the Hawaiian Archipelago]

Island	Number of aids to navigation				Greatest nominal range (naut. miles)	Highest above--	
	By control			Light-houses		Sea level (feet)	Ground (feet)
	Total	Federal	Other 1/				
Total	647	314	333	20	2/ 25	3/ 913	4/ 138
Hawaii	67	54	13	8	24	156	115
Maui	64	25	39	2	24	170	48
Molokini	1	1	-	-	7	182	30
Kahoolawe	1	1	-	-	7	120	20
Lanai	15	8	7	1	8	91	13
Molokai	22	12	10	5	21	213	138
Oahu	337	161	176	4	25	913	71
Kauai	56	27	29	-	25	174	80
Niihau	-	-	-	-	-	-	-
Lehua	1	1	-	-	7	704	10
Midway	19	19	-	-	4	43	38
At sea	64	5	59	-	-	-	-

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: Fourteenth Coast Guard District, records.

**Table 18.48-- UNDOCUMENTED VESSEL REGISTRATION:
DECEMBER 31, 2003**

Subject	Number	Subject	Number
Registered vessels	15,587	Type of vessel:	
Length:		Aux. powered sailing vessel	1,176
Under 16 feet	5,827	Cabin motorboat	2,668
16 to less than 26 feet	7,918	Open motorboat	5,841
26 to less than 40 feet	1,632	Runabout	2,627
40 to 65 feet	193	Sail only	720
Over 65 feet	17	Motor vessel over 65 feet in length	8
Hull material:		Thrill craft	1,487
Aluminum	522	Other	1,060
Fiberglass / plastic	13,437	Uses:	
Rubber / fabric	770	Pleasure	14,026
Wood	650	Commercial fishing	374
Other	170	Charter fishing	17
Steel	38	Commercial passenger	336
Propulsion:		Other commercial	148
Inboard	6,387	Livery	232
Outboard	3,267	Dealer	25
Inboard / outboard	2,217	Manufacturer	4
Sail / inboard	661	Youth group - fee exempt	88
Sail / outboard	588	Government - fee exempt	305
Sail only	690	Other	32
Manual	240	Island where vessel is kept:	
Other	70	Hawaii	2,521
Waterjet	1,467	Kauai	1,604
Mooring location:		Lanai	84
Moored on water	4,172	Maui	1,733
Moored on land	11,415	Molokai	200
		Oahu	9,445

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 18.49-- NUMBERED VESSELS REGISTERED IN HAWAII:
1997 TO 2003**

[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]

1997	1998	1999	2000	2001	2002	2003
15,138	15,138	15,481	14,874	14,273	15,445	15,587

Source: U.S. Coast Guard, Marine Safety Office, records; Hawaii State Department of Land and Natural Resources, Division of Boating and Ocean Recreation, *Report of Undocumented Vessel Registration* (annual).

Table 18.50-- BOATING ACCIDENTS: 1991 TO 2002

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

NA Not available.

Source: U.S. Department of Transportation, Coast Guard, *Boating Statistics* (annual); Hawaii State Department of Transportation, Harbors Division, Boating Branch, *Reportable Boating Accident Statistics for Period 1988 to 1990* and *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 1991 through 1993*; Hawaii State Department of Land and Natural Resources, Division of Boating and Ocean Recreation, records.

Table 18.51-- VESSEL ARRIVALS, BY DRAFT: 2000 AND 2001

[Excludes domestic fishing craft]

Harbor	2000			2001		
	Total	18 feet and less	19 feet and more	Total	18 feet and less	19 feet and more
Hilo	900	846	54	987	894	93
Kawaihae	820	812	8	768	759	9
Kahului	1,453	1,198	255	1,595	1,309	286
Kaunakakai	1/ 572	1/ 572	-	1/ 582	1/ 582	-
Kalaupapa	3	3	-	1	1	-
Honolulu	7,430	6,352	1,078	7,218	6,309	909
Barbers Point	1,909	1,808	101	1,887	1,818	69
Nawiliwili	672	621	51	628	586	42
Port Allen	30	30	-	31	31	-

1/ 21 feet and less.

Source: U.S. Army Corps of Engineers, Waterborne Commerce Statistics Center, *2001 Waterborne Commerce of the United States* (annual), Part 4 <<http://www.iwr.usace.army.mil/ndc/wcuspa01.pdf>> accessed July 28, 2003.

**Table 18.52-- SHIP ARRIVALS AND CARGO TONNAGE AT THE PORT OF
HONOLULU: 1984 TO 2003**

[Years ended June 30]

Year	Overseas vessels		Inter-island vessels	
	Number	Cargo tonnage	Number	Cargo tonnage
1984	1,686	4,870,182	2,660	2,369,863
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)

NA Not available.

Source: Hawaii State Department of Transportation, Harbors Division, records.

**Table 18.53-- OVERSEAS AND INTER-ISLAND PASSENGER ARRIVALS
AND DEPARTURES, FOR HONOLULU HARBOR: 1997 TO 2002**

[Fiscal years ended June 30]

Type of passenger	1997	1998	1999	2000	2001	2002
Overseas:						
In	18,262	25,570	45,494	31,767	48,429	130,792
Out	17,527	28,932	44,389	31,845	46,922	134,483
Inter-island:						
In	46,825	43,522	47,950	52,570	47,870	19,952
Out	40,558	43,754	47,782	52,883	71,816	31,345

Source: Hawaii State Department of Transportation, Harbors Division, records.

**Table 18.54-- WATERBORNE COMMERCE FOR SPECIFIED HARBORS:
1992 TO 2001**

[1,000 short tons. Excludes cargo carried by Army and Navy vessels and cargo in transit]

Year	Hilo	Kawaihae	Kahului	Honolulu	Barbers Point	Nawiliwili
1992	1,588	790	2,357	11,522	8,824	1,143
1993	1,469	655	2,216	10,595	9,357	1,283
1994	1,455	736	2,368	11,672	9,022	1,151
1995	1,354	873	2,586	11,545	8,233	1,130
1996	1,442	969	2,828	12,010	8,745	1,203
1997	1,489	980	2,895	12,704	8,162	1,091
1998	1,630	886	2,851	13,723	6,658	938
1999	1,701	1,090	3,513	12,259	8,707	1,848
2000	1,651	1,310	3,477	15,501 1/	6,778 1/	1,581
2001	1,680	1,378	3,695	16,562	6,079	1,478

1/ Revised.

Source: U.S. Army Corps of Engineers, Waterborne Commerce Statistics Center, *2001 Waterborne Commerce of the United States* (annual), Part 4 <<http://www.iwr.usace.army.mil/ndc/wcuspa01.pdf>> accessed July 28, 2003.

Table 18.55-- WATERBORNE COMMERCE, FOREIGN AND DOMESTIC, FOR SPECIFIED HARBORS: 2001

[In thousands of short tons]

Category	Hilo	Kawaihae	Kahului	Honolulu	Barbers Point	Nawiliwili
All freight traffic	1,680	1,378	3,695	16,562	6,079	1,478
Foreign						
Imports	-	-	157	4,265	1,990	-
Exports	-	-	-	520	222	-
Canadian						
Imports	-	-	-	5	-	-
Exports	-	-	-	-	-	-
Domestic, total						
Coastwise	1,680	1,378	3,539	11,772	3,867	1,478
Receipts	1,250	952	2,257	6,419	2,222	946
Shipments	430	425	1,281	5,294	1,642	532
Internal & intraport	-	-	-	59	3	-

Source: U.S. Army Corps of Engineers, Waterborne Commerce Statistics Center, *2001 Waterborne Commerce of the United States*, Part 4 <<http://www.iwr.usace.army.mil/ndc/wcuspa01.pdf>> accessed July 28, 2003.

**Table 18.56-- WATERBORNE COMMERCE, BY SELECTED COMMODITIES,
FOR SPECIFIED HARBORS: 2001**

[In thousands of short tons]

Port and commodity	Total	Receipts 1/	Shipments 2/
Hilo	1,680	1,250	430
Petroleum and petroleum products	417	413	4
Primary manufactured goods	728	443	284
Food and farm products	179	122	57
Manufactured equipment, machinery and products	270	204	67
Kawaihae	1,378	952	425
Primary manufactured goods	978	635	343
Food and farm products	105	94	11
Manufactured equipment, machinery and products	232	166	66
Kahului	3,695	2,414	1,281
Petroleum and petroleum products	516	515	1
Primary manufactured goods	1,872	1,077	794
Food and farm products	467	189	278
Manufactured equipment, machinery and products	521	343	177
Honolulu	16,562	10,689	5,873
Petroleum and petroleum products	4,829	4,224	605
Lumber	405	224	180
Primary manufactured goods	4,976	2,309	2,667
Food and farm products	1,981	1,177	804
Manufactured equipment, machinery and products	3,422	3,419	1,283
Vehicles and parts	949	414	536
Barbers Point	3,867	2,222	1,642
Petroleum and petroleum products	3,789	2,211	1,574
Cement and concrete	67	-	67
Nawiliwili	1,478	946	532
Primary manufactured goods	884	543	340
Food and farm products	178	94	84
Manufactured equipment, machinery and products	299	194	104
Kaunakakai	155	(NA)	(NA)
Port Allen	-	(NA)	(NA)

NA Not available.

1/ Includes foreign imports and coastwise receipts.

2/ Includes foreign exports and coastwise, internal and intraport shipments.

Source: U.S. Army Corps of Engineers, Waterborne Commerce Statistics Center, 2001 *Waterborne Commerce of the United States*, Part 4 <<http://www.iwr.usace.army.mil/ndc/wcuspa01.pdf>> accessed July 28, 2003.

**Table 18.57-- TRANSPORTATION AND WAREHOUSING SUMMARY STATISTICS
FOR THE STATE: 1997**

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

NAICS code	Kind of business	Establishments (number)	Revenue (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)
48-49	Transportation & warehousing 1/ 2/	686	1,249,280	427,727	16,684
481	Air transportation 1/	32	117,500	20,369	777
483	Water transportation	23	184,212	36,876	1,092
484	Truck transportation	190	242,560	81,023	2,897
485	Transit & ground passenger transportation	86	114,434	89,033	3,547
487	Scenic & sightseeing transportation	150	267,338	81,517	4,346
488	Support activities for transportation	134	194,910	79,929	2,551
492	Couriers & messengers	54	83,146	32,075	1,229
493	Warehousing & storage	17	45,180	6,905	245

1/ Data do not include large certificated passenger carriers that report to the Office of the Airline Statistics, U.S. Department of Transportation.

2/ Railroad transportation and U.S. Postal Service are out of scope for the 1997 Economic Census.

Source: U.S. Census Bureau, *1997 Economic Census, Transportation and Warehousing, Geographic Area Series*, EC97T48A-HI (January 2000).

**Table 18.58-- SHIPMENT CHARACTERISTICS BY STATES OF ORIGIN AND
DESTINATION: 1997**

Characteristics	Value (million dollars)	Tons (thousands)	Ton-miles (millions)
Total originating in Hawaii	11,272	22,290	1,330
Destination:			
Hawaii	10,773	22,072	648
California	234	146	388
Washington	38	12	44
Other states	227	60	250
Mode of transportation:			
Single modes:			
Truck	6,696	12,066	153
Water	349	(S)	(S)
Air (includes truck and air)	357	55	42
Pipeline	1,305	7,162	(S)
Multiple modes:			
Parcel, U.S. Postal Service or courier	570	13	6
Truck and water	1,139	779	563
Other multiple modes	(S)	(S)	202
Other and unknown modes	725	734	89
Distance shipped:			
Less than 50 miles	8,854	19,874	239
50 to 249 miles	1,914	2,194	407
250 to 1,999 miles	5	(S)	(S)
2,000 miles or more	499	218	682
Commodity: 1/			
Other agricultural products 2/	326	(S)	(S)
Meat, fish, seafood & their preparations	973	241	20
Other prepared foodstuffs, fats & oils	1,274	1,305	631
Gasoline/aviation turbine fuel	2,187	7,387	193
Fuel oils	748	4,622	(S)
Pharmaceutical products	515	6	1
Printed products	545	369	9
Textiles, leather, and articles of textiles or leather	577	27	3
Electronic and other 3/	467	33	3

S Data do not meet publication standards due to high sampling variability or other reasons.

1/ Based on the Standard Classification of Transported Goods (SCTG) coding system. Includes subgroups not shown separately.

2/ Excluding live animals, live fish and cereal grains.

3/ Electronic and other electrical equipment and components and office equipment.

Source: U.S. Census Bureau, *1997 Economic Census, Transportation, 1997 Commodity Flow Survey, Hawaii*, EC97-TCF-HI (December 1999), tables 1a, 3, 6 and 7.

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 1997, the annual report on *Statistics of Hawaiian 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: 2003*.

**Table 19.01-- FARMS, LAND IN FARMS, AND SELECTED ITEMS:
1997 AND 2002**

Item	Unit	1997	2002
Farms	number	5,473	5,398
Land in farms	acres	1,439,071	1,300,499
Average size of farm	acres	263	241
Value of land and buildings: 1/			
Average per farm	dollars	632,281	842,875
Average per acre	dollars	2,405	3,507
Estimated market value of all machinery and equipment: 1/			
Total	\$1000	211,775	186,163
Average per farm	dollars	38,709	35,568
Farms by size:			
1 to 9 acres		3,456	3,440
10 to 49 acres		1,417	1,309
50 to 179 acres		318	335
180 to 499 acres		139	146
500 to 999 acres		43	61
1,000 acres or more		100	107
Total cropland	farms	4,882	4,755
	acres	292,107	211,120
Harvested cropland	farms	4,594	4,522
	acres	100,094	109,461
Irrigated land	farms	2,241	2,231
	acres	76,971	69,194
Market value of agricultural products sold	\$1000	496,935	533,423
Average per farm	dollars	90,798	98,819
Crops, including nursery and greenhouse crops	\$1000	401,411	445,356
Livestock, poultry, and their products	\$1000	95,524	88,067
Farms by value of sales:			
Less than \$2,500		1,638	1,407
\$2,500 to \$4,999		743	714
\$5,000 to \$9,999		797	916
\$10,000 to \$24,999		989	1,056
\$25,000 to \$49,999		535	506
\$50,000 to \$99,999		323	314
\$100,000 or more		448	485

Continued on next page.

**Table 19.01-- FARMS, LAND IN FARMS, AND SELECTED ITEMS:
1997 AND 2002 -- Con.**

Item	Unit	1997	2002
Farm by type of organization:			
Family or individual		4,583	4,629
Partnership		328	225
Corporation		497	472
Operators by days worked off farm:			
Any		2,827	2,612
200 days or more		1,566	1,661
Operators by principal occupation:			
Farming		3,052	3,125
Other		2,421	2,273
Average age of principal operator	years	55.0	56.5
Total farm production expenses 1/	\$1000	398,567	450,946
Livestock and poultry:			
Cattle and calves inventory	farms	829	748
	number	181,732	154,308
Beef cows	farms	625	578
	number	93,711	83,277
Milk cows	farms	44	27
	number	8,389	6,465
Cattle and calves sold	farms	660	550
	number	66,726	60,739
Hogs and pigs inventory	farms	248	204
	number	29,440	23,364
Hogs and pigs sold	farms	190	158
	number	38,066	33,231
Broilers and other meat-type chickens sold	farms	9	17
	number	478,672	881,112

Continued on next page.

**Table 19.01-- FARMS, LAND IN FARMS, AND SELECTED ITEMS:
1997 AND 2002 -- Con.**

Item	Unit	1997	2002
Selected crops harvested:			
Sugarcane for sugar	farms	13	2
	acres	31,483	(D)
	tons	2,873,712	(D)
Pineapples harvested	farms	27	34
	acres	12,992	10,211
	tons	348,428	314,626
Vegetables harvested	farms	657	633
	acres	6,549	6,554
Land in orchards	farms	2,786	2,833
	acres	37,906	34,908

D Withheld to avoid disclosing data for individual farms.

1/ Data are based on a sample of farms.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *2002 Census of Agriculture, Vol.1, Part 11, Hawaii* (June 2004), table 1, pp. 6-7.

Table 19.02-- FARMS AND LAND IN FARMS, BY COUNTIES: 2002

Item	Unit	Hawaii	Honolulu	Kauai	Maui
Farms	number	3,216	794	565	823
Land in farms	acres	821,276	70,705	151,828	256,690
Average size of farm	acres	255	89	269	312
Value of land and buildings: 1/					
Average per farm	dollars	724,308	738,577	1,068,439	1,251,598
Average per acre	dollars	2,822	8,358	3,989	4,112
Estimated market value of all machinery and equipment: 1/					
Average per farm	dollars	23,981	37,543	66,074	58,849
Farms by size:					
1 to 9 acres		2,009	574	352	505
10 to 49 acres		818	152	127	212
50 to 179 acres		207	34	38	56
180 to 499 acres		90	15	21	20
500 to 999 acres		38	5	11	7
1,000 acres or more		54	14	16	23
Total cropland	farms	2,908	681	474	692
	acres	90,778	29,103	30,510	60,729
Harvested cropland	farms	2,791	656	426	649
	acres	55,529	13,757	11,771	28,404
Irrigated land	farms	908	545	316	462
	acres	9,041	13,703	19,595	26,855
Market value of agricultural products sold	\$1000	187,736	179,321	41,855	124,511
Average per farm	dollars	58,375	225,845	74,080	151,289
Crops, including nursery and greenhouse crops	\$1000	143,924	149,050	35,737	116,645
Livestock, poultry, and their products	\$1000	43,812	30,271	6,118	7,866

1/ Data are based on a sample of farms.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *2002 Census of Agriculture, Vol.1, Part 11, Hawaii* (June 2004), p.185.

**Table 19.03-- NUMBER OF FARMS, FARM ACREAGE, AND FARM
EMPLOYMENT: 1980 TO 2002**

Year	Number of farms 1/	Farm acreage 2/ (1,000)	Farm employment 3/		
			Self-employed farm operators	Unpaid family members 3/	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	1,440	3,000	1,200	7,600
2000	5,500	1,440	3,100	1,000	7,800
2001	5,300	1,440	3,300	1,100	7,400
2002 4/	5,300	1,440	3,000	1,100	7,500

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.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual); and <http://www.nass.usda.gov/hi/stats/t_of_c.htm> accessed February 23, 2004.

Table 19.04-- VALUE OF CROP AND LIVESTOCK SALES: 1980 TO 2002

[\$1,000]

Year	All crops and livestock	Crops				Livestock
		All crops	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 1/	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 1/	499,730	431,482	62,200	101,530	267,752	68,248
2001 1/	502,181	437,438	57,800	96,337	283,301	64,743
2002	510,673	449,482	64,300	100,616	284,566	61,191

1/ Data have been revised from previous year *Data Book*.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual); and <http://www.nass.usda.gov/hi/stats/t_of_c.htm> accessed February 23, 2004.

Table 19.05-- NUMBER OF FARMS, FARM ACREAGE, AND FARM EMPLOYMENT, BY COUNTIES: 1992, 2000, 2001, AND 2002

County or island and year	Number of farms 1/	Farm acreage 2/ (1,000)	Farm employment		
			Self-employed farm operators	Unpaid family members 3/	Hired workers
State total:					
1992	4,800	1,590	3,100	1,300	9,500
2000	5,500	1,440	3,100	1,000	7,800
2001	5,300	1,440	3,300	1,100	7,400
2002 4/	5,300	1,440	3,000	1,100	7,500
Hawaii:					
1992	2,800	929	1,850	750	3,750
2000	3,300	870	1,800	550	2,700
2001	3,200	870	1,950	550	2,650
2002 4/	3,200	870	1,700	600	2,450
Honolulu:					
1992	900	92	650	350	2,350
2000	900	80	500	200	2,200
2001	800	80	550	250	2,300
2002 4/	800	80	550	250	2,100
Kauai:					
1992	400	214	200	100	1,100
2000	500	200	300	50	950
2001	500	200	350	150	650
2002 4/	500	200	250	100	750
Maui:					
1992	700	355	400	150	2,300
2000	800	290	500	150	2,000
2001	800	290	500	150	1,800
2002 4/	800	290	500	150	2,250

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/ Working 15 hours or more 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.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual); *Hawaii Agricultural Labor* (quarterly); and <http://www.nass.usda.gov/hi/stats/t_of_c.htm> accessed March 24, 2004.

**Table 19.06-- VALUE OF CROP AND LIVESTOCK SALES, BY COUNTIES:
1992, 2000, 2001 AND 2002**

[\$1,000]

County or island and year	All crops and livestock 1/	Crops				Livestock 1/
		All crops 1/	Sugar (unprocessed cane) 1/	Pine-apples 2/ (fresh equiv.)	Other crops 2/	
State total:						
1992	520,227	431,958	153,700	102,100	176,158	88,269
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	510,673	449,482	64,300	100,616	284,566	61,191
Hawaii:						
1992	168,406	140,235	38,200	(3/)	102,035	28,171
2000	154,240	128,161	-	(3/)	128,161	26,079
2001	160,258	134,380	-	(3/)	134,380	25,878
2002	153,036	125,388	-	(3/)	125,388	27,648
Honolulu:						
1992	152,483	108,965	27,300	45,430	36,235	43,518
2000	177,704	145,784	-	72,085	73,699	31,920
2001	177,462	146,504	-	69,222	77,282	30,958
2002	179,966	154,065	-	70,992	83,073	25,901
Kauai:						
1992	46,549	41,679	32,600	(3/)	9,079	4,870
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	43,850	41,368	13,000	(3/)	28,368	2,482
Maui:						
1992	152,789	141,079	55,600	56,659	28,820	11,710
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	133,821	128,661	51,300	29,624	47,737	5,160

1/ 2001 data have been revised from previous year Data Book.

2/ County data may fail to add exactly to State total.

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> accessed February 24, 2004.

Table 19.07-- ACREAGE IN CROP, NUMBER OF CROP FARMS, AND VALUE OF CROP SALES: 1992, 2000, 2001, AND 2002

Subject	1992	2000	2001	2002
Acreage in crop (1,000 acres):				
Sugarcane	145.7	60.0	46.0	47.5
Pineapples (land used for pineapple)	26.2	20.7	20.1	19.1
Vegetables and melons (harvested acreage) 1/	5.1	6.4	6.5	6.8
Fruits, excluding pineapples	6.8	7.1	7.1	6.5
Coffee	7.0	7.9	8.0	7.2
Macadamia nuts	20.5	18.4	18.0	18.0
All other crops 1/	4.4	7.3	8.7	8.2
Number of crop farms:				
Sugar	7	3	2	2
Pineapples	20	15	15	15
Vegetables and melons	950	580	575	600
Fruits (excluding pineapples)	1,040	1,254	1,059	1,099
Coffee	560	670	700	710
Macadamia nuts	680	650	650	650
Taro	180	185	170	150
Flowers and nursery products	690	735	790	805
Value of crop sales (\$1,000):				
Sugar (unprocessed cane) 2/	153,700	62,200	57,800	64,300
Pineapples (fresh equivalent)	102,100	101,530	96,337	100,616
Vegetables and melons	36,451	59,159	62,043	61,659
Fruits (excluding pineapples)	22,418	31,364	30,190	25,210
Coffee (parchment)	4,080	23,055	19,600	23,250
Macadamia nuts (in shell)	32,640	29,500	33,040	29,640
Taro	3,002	3,710	3,392	3,294
Seed Crops 1/ 2/ 3/	7,638	37,500	45,000	48,700
Flowers and nursery products 1/	69,679	82,684	88,597	92,069

1/ 2001 data have been revised from previous year *Data Book* .

2/ 2000 data have been revised from previous year *Data Book* .

3/ Seed crops have been included in this table, replacing field crops of previous years.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual); and <http://www.nass.usda.gov/hi/stats/t_of_c.htm> accessed March 15, 2004.

Table 19.08-- ACREAGE IN CROP, NUMBER OF CROP FARMS, AND VALUE OF CROP SALES, BY COUNTIES: 2002

Subject	Hawaii	Honolulu	Kauai	Maui
Acreage in crop (1,000 acres):				
Sugarcane	-	-	10.8	36.7
Pineapples (land used for pineapple)	(1/)	10.0	(1/)	9.1
Vegetables and melons (harvested acreage)	1.8	3.6	0.3	1.1
Fruits, excluding pineapples	4.3	1.0	0.8	0.4
Coffee	3.5	(D)	(D)	(D)
Macadamia nuts	(D)	(D)	(D)	(D)
All other crops	2.4	2.7	1.6	1.5
Number of crop farms:				
Sugar	-	-	1	1
Pineapples	6	2	5	2
Vegetables and melons	270	175	55	100
Fruits (excluding pineapples)	593	149	153	204
Coffee	680	(D)	(D)	(D)
Macadamia nuts	(D)	(D)	(D)	(D)
Taro	50	10	65	25
Flowers and nursery products	380	220	55	150
Value of crop sales (\$1,000):				
Sugar (unprocessed cane)	-	-	13,000	51,300
Pineapples (fresh equivalent)	(2/)	70,992	(2/)	29,624
Vegetables, ginger root, herbs, and melons	13,823	36,533	1,659	9,644
Fruits (excluding pineapples)	17,868	3,713	2,415	1,214
Coffee (parchment)	15,990	(D)	(D)	(D)
Macadamia nuts (in shell)	(D)	(D)	(D)	(D)
Taro	415	(D)	2,189	(D)
Seed crops	(D)	(D)	(D)	(D)
Flowers and nursery products	47,491	31,524	2,303	10,751

D Withheld to avoid disclosure of individual operations.

1/ Less than 50 acres.

2/ 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> accessed February 24, 2004.

Table 19.09-- SPECIALTY CROPS, FRUITS, AND VEGETABLES: 2002

[Data shown for crops with sales in excess of \$1,000,000]

Crop	Acreage harvested	Yield per acre (1,000 lb.)	Production (1,000 lb.)	Farm price (cents per lb.)	Value of sales (\$1,000)
Specialty crops:					
Coffee (2001-02)	6,300	1.3	8,000	245.0	19,600
Fresh herbs	(X)	(X)	3,200	(X)	5,909
Ginger root	360	50.0	18,000	45.0	8,100
Macadamia nuts (2001-02)	18,000	3.1	62,000	58.0	32,480
Seed crops (2001-02)	3,300	(X)	6,340	(X)	32,800
Fruits:					
Bananas	1,490	18.8	28,000	38.0	10,640
Guavas	610	(X)	15,300	14.1	2,157
Papayas	1,950	28.2	55,000	26.5	14,598
Vegetables:					
Beans, Snap	210	5.2	1,100	97.0	1,067
Cabbage, Chinese	320	21.9	7,000	23.0	1,610
Cabbage, head	500	25.0	12,500	22.0	2,750
Corn, sweet	440	4.3	1,900	64.0	1,216
Cucumbers	370	14.3	5,300	44.0	2,332
Onions, dry	300	18.0	5,400	75.0	4,050
Onions, green	120	11.7	1,400	89.0	1,246
Peppers, green	210	14.8	3,100	60.0	1,860
Taro	1/ 440	(X)	6,400	53.0	3,392
Tomatoes	580	30.2	17,500	53.0	9,275
Watermelons	520	20.2	10,500	24.0	2,520

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> accessed March 20, 2003.

**Table 19.10-- SUGARCANE ACREAGE, BY TYPE OF IRRIGATION:
1984 TO 2003**

Year	Total cane land	Irrigated cane land		Unirrigated cane land
		Drip	Furrow or overhead	
1984	188,396	86,925	26,325	75,146
1985	187,858	89,129	24,323	74,406
1986	184,179	90,877	19,526	73,776
1987	180,967	88,812	18,602	73,553
1988	177,693	88,387	17,791	71,515
1989	170,816	86,030	16,687	68,099
1990	161,991	83,252	15,129	63,610
1991	155,608	80,366	13,745	61,497
1992	145,790	76,132	13,008	58,777
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	-	-

Source: Hawaiian Sugar Planters' Association, records; Alexander & Baldwin, Inc., "Water to the Roots," *Ampersand*, Spring 1987, pp. 3-6; and Hawaii Agriculture Research Center, records.

**Table 19.11-- LIVESTOCK INVENTORY, 1984 TO 2002, AND BY
GEOGRAPHIC AREAS, 2002**

[In thousands]

Year and geographic area	All cattle and calves 1/	Milk cows 1/	Hogs and pigs 2/	Chickens (excluding broilers) 2/	Bee colonies
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	175	11	35	981	9
1995	178	11	34	933	8
1996	174	10	28	876	8
1997	172	10	29	863	9
1998	180	9	29	747	8
1999	173	9	28	721	8
2000 3/	164	8	26	722	7
2001 3/	150	8	27	659	8
2002	152	7	24	625	7
GEOGRAPHIC AREAS: 2002					
Hawaii County	113.6	(D)	2.8	(D)	(NA)
Honolulu County	8.4	4.7	12.8	495	(NA)
Kauai County	9.7	(D)	2.1	(D)	(NA)
Maui County	20.3	(D)	6.3	(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/ Figure for milk cows revised from previous year *Data Book*.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual); and <http://www.nass.usda.gov/hi/stats/t_of_c.htm> accessed February 24, 2003.

Table 19.12-- NUMBER OF LIVESTOCK OPERATIONS AND VALUE OF LIVESTOCK SALES: 1992, 2000, 2001, AND 2002

Subject	1992	2000	2001	2002
Number of livestock operations, Dec. 31:				
Cattle 1/	900	800	800	800
Hogs	450	230	230	230
Milk	60	50	50	50
Eggs	55	55	55	55
Honey	14	33	30	29
Value of livestock sales (\$1,000):				
Cattle 2/	29,235	19,204	18,007	18,719
Hogs 2/ 3/	6,521	4,425	4,514	4,788
Milk	32,495	28,102	26,546	22,467
Eggs	15,846	10,598	9,640	8,724
Honey 3/	671	643	606	1,047

1/ Includes beef, dairy, and dairy replacement operations.

2/ Excludes interfarm sales; includes out-of-state sales of slaughter cattle and feeder calves.

3/ 2001 data have been revised from previous year *Data Book* .

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual); and <http://www.nass.usda.gov/hi/stats/t_of_c.htm> accessed February 24, 2004.

Table 19.13-- NUMBER OF LIVESTOCK OPERATIONS AND VALUE OF LIVESTOCK SALES, BY COUNTIES: 2002

Subject	Hawaii	Honolulu	Kauai	Maui
Number of livestock operations, Dec. 31:				
Cattle 1/	460	60	110	170
Hogs	70	70	30	60
Milk	28	10	8	4
Eggs	28	15	4	8
Honey	16	(D)	(D)	(D)
Value of livestock sales (\$1,000):				
Cattle 2/	14,152	553	1,437	2,577
Hogs 2/	560	2,960	430	838
Milk	(D)	14,401	(D)	(D)
Eggs	(D)	6,184	(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> accessed February 24, 2004.

**Table 19.14-- FLORICULTURE AND NURSERY PRODUCTS, 1994 TO 2003,
AND BY ISLANDS, 2000 TO 2003**

Island 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:							
1994	660	2,290	3,770	21,600	18	1,690	67,005
1995	705	2,698	3,770	24,215	15	2,040	68,175
1996	690	2,212	2,820	23,405	10	1,600	68,870
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 1/	870	3,648	3,030	30,415	10	2,870	95,715
2003	795	3,373	2,815	29,410	13	2,620	97,686
Islands, 2000:							
Hawaii	335	1,456	2,425	20,675	6	920	47,499
Honolulu	205	584	395	3,480	-	515	24,001
Kauai	50	140	70	340	1	495	1,266
Maui	145	539	345	685	-	130	9,918
Islands, 2001:							
Hawaii	360	1,621	2,265	22,010	9	1,055	50,637
Honolulu	220	672	370	3,625	-	580	26,198
Kauai	60	164	115	295	-	155	1,864
Maui	150	592	425	730	-	565	9,898
Islands, 2002: 1/							
Hawaii	420	2,180	2,210	24,125	10	1,565	49,870
Honolulu	230	709	330	5,055	-	585	32,106
Kauai	65	193	90	495	-	180	2,633
Maui	155	566	400	740	-	540	11,106
Islands, 2003:							
Hawaii	375	1,946	2,190	23,435	13	1,345	50,819
Honolulu	210	685	220	5,000	-	565	32,349
Kauai	65	170	65	355	-	160	3,203
Maui	145	572	340	620	-	550	11,315

1/ Data have been revised from previous year *Data Book*.

Source: Hawaii Agricultural Statistics Service, *Hawaii Flowers & Nursery Products, Annual Summary*, various issues.

**Table 19.15-- FLORICULTURE AND NURSERY PRODUCTS, BY
COMMODITY: 2003**

[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	61	1,000 dozens	806	5,794
Bird of Paradise	28	1,000 dozens	74	581
Ginger, red	56	1,000 dozens	135	978
Heliconias	58	1,000 dozens	71	795
Proteas	24	1,000 stems	1,978	1,545
Orchids:				
Sprays: Dendrobium	49	1,000 dozens	413	3,064
Sprays: Oncidiums	34	1,000 dozens	79	770
Potted: Dendrobiums	76	1,000 pots	1,309	7,166
Potted: Phalaenopsis	31	1,000 pots	247	1,699
Lei or individual flowers:				
Dendrobiums	29	Million blooms	26.2	839
Plumerias	13	Million blooms	21.2	537
Tuberoses	7	Million blooms	32.2	1,484
Foliage:				
Potted, dracaena	32	(X)	(NA)	5,585
Potted, palms	49	(X)	(NA)	7,339
Ti leaves, cut	43	1,000 leaves	8,000	803
Potted flowering plants:				
Anthuriums	29	1,000 pots	148	806
Bromeliads	13	1,000 pots	122	505
Chrysanthemums	5	1,000 pots	145	632
Poinsettias	30	1,000 pots	333	1,371
Plant rentals	41	(X)	(NA)	3,681
Landscape plants	121	(X)	(NA)	18,454

X Not applicable.

NA Not available.

Source: Hawaii Agricultural Statistics Service, *Hawaii Flowers & Nursery Products, Annual Summary*, (June 4, 2004), pp. 3-9.

Table 19.16-- OUT-OF-STATE SALES OF FLORICULTURE AND NURSERY PRODUCTS: 1999 TO 2003

[\$1,000. Based on F.O.B. island value. Includes both wholesale and retail sales]

Type	1999	2000	2001 1/	2002	2003
Total sales	45,945	49,450	52,100	47,870	50,900
Anthuriums, cut	10,685	10,600	8,800	7,700	8,500
Dendrobiums, sprays	2,875	3,395	3,500	3,400	3,600
Foliage, potted	12,785	13,525	15,800	10,700	11,000
Heliconias	970	1,400	1,020	1,040	1,200
Dendrobiums, potted	4,120	3,850	4,900	4,510	4,590
Proteas	2,130	1,930	1,560	1,620	1,800
Other flowers, nursery products	12,380	14,750	16,520	18,900	20,210

1/ Data have been revised from previous year *Data Book* .

Source: Hawaii Agricultural Statistics Service, *Hawaii Flowers & Nursery Products, Annual Summary*, (June 4, 2004), p. 14.

Table 19.17-- AGRICULTURAL LABOR: HIRED WORKERS ON FARMS BY TYPE OF FARM, 1993 TO 2003

[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

1/ Sum of hired workers by type of farm may not add to hired workers total due to rounding.

Source: Hawaii Agricultural Statistics Service, *Hawaii Agricultural Labor*, Quarterly, various issues.

**Table 19.18-- GENERAL EXCISE TAX BASE FOR PRODUCING:
1992 TO 2003**

[In \$1,000. Data are on a cash basis accounting. "Producing" refers to the raising and production of agricultural products in their natural state, the production of natural resource products, fishing, and aquaculture.]

Year 1/	Amount	Year 1/	Amount	Year 1/	Amount
1992	408,662	1996	479,009	2000	519,272
1993	474,861	1997	505,557	2001	499,896
1994	467,174	1998	478,201	2002	522,418
1995	457,538	1999	501,501	2003	543,561

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).

**Table 19.19-- AGRICULTURAL CHEMICALS USED, INCLUDING FERTILIZER:
1992, 1997, AND 2002**

[Data are based on a sample of farms]

Chemicals used	Unit	1992	1997	1997
Any fertilizer, manure or chemical used 1/	farms	4,476	4,531	4,586
Commercial fertilizer 2/	farms	4,028	4,051	4,326
	acres on which used	200,723	133,927	127,996
	\$1,000	30,574	25,653	17,791
Agricultural chemicals	farms	3,853	3,834	3,627
	\$1,000	20,396	17,187	16,134
Sprays, dusts, granules, fumigants, etc., to control -- Insects on hay and other crops 3/	farms	1,790	1,604	1,840
	acres on which used	53,593	34,673	41,616
Nematodes in crops	farms	489	350	275
	acres on which used	15,587	11,086	8,169
Diseases in crops and orchards	farms	1,018	1,033	800
	acres on which used	21036	33,343	30,824
Weeds, grass, or brush in crops and pasture	farms	2,820	2,685	2,820
	acres on which used	178,422	122,576	101,258
Chemicals used for defoliation or for growth control of crops or thinning of fruit	farms	157	184	216
	acres on which used	40,292	15,184	26,378

1/ Data for 1997 exclude lime and manure.

2/ Expense data for 1997 exclude lime.

3/ Data for 1997 include treatment of crops, including hay, but not other land.

Source: U.S. Department of Agriculture, *1997 Census of Agriculture, Hawaii*, (March 1999), p. 23 and U.S. Department of Agriculture, *2002 Census of Agriculture, Hawaii*, (June 2004), p. 32.

Table 19.20-- AQUACULTURE INDUSTRY OPERATIONS: 1970 TO 2002

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

NA Not available.

Source: Hawaii State Department of Land and Natural Resources, Aquaculture Development Program (1970-1997), records and Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual) and <http://www.nass.usda.gov/hi/stats/t_of_c.htm> (1998-2002) accessed February 24, 2004.

**Table 19.21-- AQUACULTURE OPERATIONS, ACREAGE, PRODUCTION,
AND VALUE, BY COUNTIES: 2001 AND 2002**

Subject	State total	Hawaii	Honolulu	Kauai	Maui
2001					
Number of operations	80	33	32	4	11
Production (1,000 lb.)	(D)	(D)	(D)	(D)	(D)
Shellfish	1,166.0	425.0	304.0	(D)	(D)
Finfish	467.0	(D)	95.0	(D)	(D)
Algae	(X)	(X)	(X)	-	(X)
Value (\$1,000)	22,200.0	16,198.0	2,815.0	(D)	(D)
Shellfish	7,464.0	3,061.0	1,843.0	(D)	(D)
Finfish	2,404.0	(D)	491.0	(D)	(D)
Algae	9,684.0	9,021.0	(D)	-	(D)
Other 1/	2,648.0	(D)	(D)	(D)	(D)
2002					
Number of operations	70	26	30	4	10
Production (1,000 lb.)	(D)	(D)	(D)	(D)	(D)
Shellfish	1,378.0	269.0	414.0	(D)	(D)
Finfish	542.0	(D)	(D)	(D)	(D)
Algae	(X)	(X)	(X)	-	(X)
Value (\$1,000)	25,180.0	17,328.0	4,180.0	(D)	(D)
Shellfish	8,212.0	3,050.0	2,351.0	(D)	(D)
Finfish	2,683.0	(D)	(D)	(D)	(D)
Algae	10,505.0	9,627.0	(D)	-	-
Other 1/	3,780.0	(D)	(D)	(D)	(D)

D Not shown to avoid disclosure of individual operations, but combined and included in the state total.

X Not Applicable.

1/ Nonfood products: ornamental fish, seedstock, other.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual); and
<http://www.nass.usda.gov/hi/stats/t_of_c.htm> accessed February 24, 2004.

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, *1997 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: 2003*, Sections 18.

**Table 20.01-- FOREST AND NATURAL AREA ACREAGE, BY ISLANDS:
JUNE 30, 2003**

Island	Conservation district forest land		Natural areas 3/	
	Forest reserve land 1/	Private forest land 2/	Number of areas	Acres
2003				
State total	643,134	328,742	19	109,164
Hawaii	438,416	106,745	8	82,535
Maui	73,227	53,180	4	17,123
Kahoolawe	-	-	-	-
Lanai	-	6,150	-	-
Molokai	16,030	-	2	2,950
Oahu	32,462	88,817	3	1,770
Kauai	82,999	73,850	2	4,786
Niihau	-	-	-	-

Note: data have remain constant since 1996.

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).

Source: Hawaii State Department of Land and Natural Resources, Division of Forestry and Wildlife, records.

Table 20.02-- WOODLAND ON FARMS, 1992, 1997, AND 2002, AND BY COUNTIES, 2002

[Acres]

Use	1992	1997	2002				
			State total	Hawaii	Honolulu	Kauai	Maui
Total	109,391	108,704	117,685	86,632	6,675	(D)	(D)
Pastured	40,909	31,844	41,467	(D)	787	(D)	461
Not pastured	68,482	76,860	76,218	(D)	5,888	(D)	(D)

D Withheld to avoid disclosing data for individual farms.

Source: U.S. Department of Agriculture, *1997 Census of Agriculture, Hawaii*, (March 1999), pp. 19 and 158. *2002 Census of Agriculture, Hawaii*, (June 2004), p. 195.

**Table 20.03-- FOREST AND BRUSHLAND FIRES, BY CAUSE OF FIRE:
2001 TO 2003**

Cause of Fire	Number of Fires			Acres burned		
	2001	2002	2003	2001	2002	2003
State total	108	191	107	1,080.3	2,383.4	16,585.4
Lighting	-	1	-	-	0.1	-
Campfire	8	9	5	6.3	0.8	12.2
Smoking	13	13	5	16.3	28.7	2.4
Debris burning	7	23	9	17.7	9.0	372.5
Arson	13	16	15	117.6	139.4	2.6
Equipment	5	7	8	61.5	0.7	302.5
Railroads	-	-	-	-	-	-
Children	3	5	1	11.6	1.8	0.1
Miscellaneous	59	117	64	849.3	2,202.9	15,893.1

Source: Hawaii State Department of Land and Natural Resources, Division of Forestry and Wildlife, records.

Table 20.04-- COMMERCIAL FISHING: 1989 TO 2002

[Years ended June 30]

Year	Number of commercial fishermen	Commercial fish catch 1/		
		Pounds landed	Pounds sold	Value to primary producers (dollars)
1989	3,491	14,008,279	13,524,731	29,815,290
1990	3,551	16,663,945	16,090,478	39,902,182
1991	4,043	22,218,099	21,331,184	53,769,946
1992	3,800	23,578,601	22,761,039	55,381,574
1993	3,836	25,209,513	24,562,796	61,059,027
1994	4,060	24,028,693	23,310,535	57,999,092
1995	3,827	23,970,722	22,945,408	55,283,593
1996	3,672	23,968,916	23,018,189	52,443,466
1997	3,632	25,319,795	24,589,553	53,343,330
1998	3,648	26,191,724	25,264,158	55,854,728
1999	3,796	26,874,045	25,845,545	54,848,585
2000	3,898	26,844,548	26,064,726	60,473,528
2001 2/ 3/	3,465	21,150,892	20,355,033	45,546,327
2002 2/	3,081	21,270,643	20,543,297	44,852,187

1/ Represents the total catches of all licensed commercial fishers. Includes both sea and pond catches.

2/ Figures for 2001-2002, excludes pond catches. Omitted to avoid disclosure of individual operators.

3/ 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), as revised, and records.

Table 20.05-- COMMERCIAL FISH CATCH, BY SPECIES: 2002

[Year ended June 30, 2002]

Species	Pounds caught	Pounds sold	Value (dollars)
Total catch	21,263,291	20,535,945	44,833,829
Sea catch, all species	21,263,291	20,535,945	44,833,829
Tunas	13,549,469	13,350,093	32,308,756
Aku (Skipjack)	1,143,130	1,069,358	1,409,109
Tombo	1,938,809	1,931,269	2,359,261
Bigeye (ahi)	6,848,066	6,810,073	20,743,458
Yellowfin (ahi)	3,603,850	3,526,597	7,778,258
Billfishes	2,765,159	2,547,068	3,374,550
Blue marlin	1,259,084	1,082,585	1,034,549
Shortnose spearfish	251,440	241,338	196,843
Striped marlin	822,603	792,869	965,231
Swordfish	403,939	403,544	1,152,066
Miscellaneous pelagic species	3,065,371	2,916,586	5,006,010
Mahimahi	1,080,343	991,685	1,907,748
Monchong	353,161	352,839	481,666
Ono	705,150	647,336	1,397,089
Opah	743,400	743,077	980,894
Deep bottom fishes	524,491	477,855	1,839,866
Ehu	30,812	27,981	106,635
Hapuupuu	31,429	29,747	122,643
Opakapaka	124,415	117,189	574,477
Uku	123,525	116,507	286,429
Ulaula (onaga)	130,881	123,989	622,676
Akule/opelu	741,915	684,459	1,160,444
Akule	470,941	432,104	713,764
Opelu	210,805	199,820	371,997
Jacks	69,856	58,436	104,158
Inshore fishes	277,577	262,843	590,942
Sharks	174,908	166,535	92,488
Lobsters	9,871	9,126	112,999
Spiny	9,815	9,106	112,817
Slipper	56	20	182
Crabs	15,533	11,813	51,831
Shrimps	5,079	5,032	39,149
Seaweeds	11,896	10,749	40,966
Miscellaneous	52,166	35,350	111,669
Pond landings, all species	(D)	(D)	(D)

(D) Data omitted due to low level of fishermen reporting and to preserve confidentiality.

Source: Hawaii State Department of Land and Natural Resources, Division of Aquatic Resources, *Commercial Fish Landings, State of Hawaii--Fiscal Years 2002* and records.

Table 20.06-- COMMERCIAL SEA LANDINGS, BY ISLANDS: 2001 AND 2002

[Years ended June 30]

Island	Pounds landed	Pounds sold	Value (dollars)
2001 1/			
State total	21,146,568	20,350,709	45,538,222
Hawaii	2,949,525	2,740,130	5,463,221
Maui	531,475	401,895	1,272,659
Lanai	17,186	13,452	32,803
Molokai	32,659	26,329	108,292
Oahu	16,897,255	16,563,341	37,079,475
Kauai and Niihau	718,468	605,562	1,581,772
2002			
State total	21,263,291	20,535,945	44,833,829
Hawaii	3,116,854	2,868,840	4,981,933
Maui	429,899	321,086	1,018,849
Lanai	13,036	9,531	24,683
Molokai	24,246	17,962	73,531
Oahu	17,146,560	16,886,966	37,632,735
Kauai and Niihau	532,696	431,560	1,102,097

1/ Revised from previous year 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:
2001 AND 2002**

[Years ended June 30]

Fishing method	Pounds landed	Pounds sold	Value (dollars)
2001 1/			
All methods	21,146,568	20,350,709	45,538,222
Aku pole and line	978,315	965,691	1,408,438
Longline	12,672,461	12,652,478	29,792,662
Handline	3,459,657	3,302,929	7,546,743
Trolling	2,808,312	2,313,719	4,737,209
Net	1,052,667	964,009	1,461,018
Trap	52,041	51,337	141,282
All other methods	123,115	100,546	450,870
2002			
All methods	21,263,291	20,535,945	44,833,829
Aku pole and line	791,728	789,884	1,111,447
Longline	14,093,382	14,081,260	32,501,565
Handline	3,165,782	3,016,687	6,140,247
Trolling	2,382,569	1,886,680	3,587,556
Net	690,460	640,766	1,051,995
Trap	38,355	38,246	108,233
All other methods	101,015	82,422	332,786

1/ Revised from previous year Data Book.

Source: Hawaii State Department of Land and Natural Resources, Division of Aquatic Resources, *Commercial Fish Landings, State of Hawaii--Fiscal Years 2001-2002* and records.

**Table 20.08-- FISH POPULATIONS AROUND SELECTED SHORELINE
AREAS: YEAR ENDED JUNE 30, 2001**

Location	Species	Fish per acre	Pounds per acre
Marine Life Conservation Districts:			
Hanauma Bay, Oahu:			
Inshore	59	3,067	1,473
Offshore	87	3,166	943
Pupukea, Oahu	89	8,123	1,717
Waikiki, Oahu	42	1,230	246
Molokini Shoal, Maui	58	4,234	623
Honolua-Mokuleia Bay, Maui	37	5,190	682
Manele-Hulopoe Bays, Lanai	62	7,462	1,368
Kealakekua Bay, Hawaii	43	2,138	274
Lapakahi, Hawaii	41	2,617	118
Wailea Bay, Hawaii	41	1,976	255
Old Kona Airport, Hawaii	19	2,003	208
Artificial reefs:			
Maunalua Bay Tire Reef, Oahu	32	5,056	810
Maunalua Bay "Cee Bee 24 Barge," Oahu	45	2,821	321
Maunalua Bay "Mud Scow Barge," Oahu	39	3,906	273
Maunalua Bay "Keehi Barge," Oahu	39	5,148	525
Maunalua Bay "Landing Craft," Oahu	25	833	82
Waianae "Z-Slabs," Oahu	34	1,368	155
Waianae "Landing Craft," Oahu	27	1,098	135
Waianae "Mahi," Oahu	42	7,227	881
Keawakapu Tire Reef, Maui	(NA)	3,814	540
Fisheries Management Areas:			
Waikiki-Diamond Head, Oahu 1/	44	461	56
Waikiki-Diamond Head, Oahu 2/	66	1,304	217
Puako Bay and Pualo Reef, Hawaii	34	1,973	336
Red Hill, Hawaii	29	5,017	184
Kiholo Bay, Hawaii	36	2,091	200
Papawai Bay, Hawaii	34	4,957	449
Other areas:			
Honaunau Bay	28	1,588	167

1/ Survey taken on December 28, 2000, during the open fishing period.

2/ Survey taken on June 25, 2001, during the closed fishing period.

Source: Hawaii State Department of Land and Natural Resources, Division of Aquatic Resources, *Statewide Marine Research and Surveys, Survey of Fish and Habitat, July 1, 2000 to June 30, 2001*.

Table 20.09-- MOST ABUNDANT AND HEAVIEST FISH SPECIES AT SPECIFIED LOCATIONS: YEAR ENDED JUNE 30, 2001

[Three leading species at each location, based on both individuals per acre and pounds per acre]

Location and species	Individuals per acre		Pounds per acre	
	Rank	Number	Rank	Number
Hanauma Bay MLCD (inshore):				
Manini (<i>Acanthurus triostegus</i>)	1	958	3	137
Yellow-eye damsel (<i>Eupomacentrus fasciolatus</i>)	2	221	(1/)	(NA)
Aholehole (<i>Kuhlia sandvicensis</i>)	3	203	9	48
Redlipped parrot (<i>Scarus rubroviolaceus</i>)	(1/)	(NA)	1	414
Clown tang (<i>Naso lituratus</i>)	10	78	2	212
Honolua-Mokuleia Bay MLCD:				
Maiii/lavender tang (<i>Acanthurus nigrofuscus</i>)	1	1,416	1	127
Saddle-back wrasse (<i>Thalassoma duperrey</i>)	2	1,325	4	54
Kole (<i>Ctenochaetus strigosus</i>)	3	647	3	92
Clown tang (<i>Naso lituratus</i>)	(1/)	(NA)	2	102
Kealakekua Bay MLCD:				
Kole (<i>Ctenochaetus strigosus</i>)	1	303	6	15
Agile damsel (<i>Chromis agilis</i>)	2	283	3	30
Blackfin damsel (<i>Chromis vanderbilti</i>)	3	277	(1/)	(NA)
Yellow tang (<i>Zebrasoma flavescens</i>)	4	277	1	34
Parrotfishes (Family Scaridae)	(1/)	(NA)	2	33

NA Not available.

MLCD Marine Life Conservation District.

1/ Not in first 10.

Source: Hawaii State Department of Land and Natural Resources, Division of Aquatic Resources, *Statewide Marine Research and Surveys, Survey of Fish and Habitat, July 1, 2000 to June 30, 2001.*

Table 20.10-- MINERAL INDUSTRIES (NAICS 21): 1972 TO 1997

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

Subject	1972	1977	1982	1987	1992	1997
Number of establishments	15	7	12	9	7	7
With 20 employees or more	5	2	4	4	4	2
All employees:						
Number (1,000)	.3	.1	.2	.2	.2	.1
Payroll (million dollars)	2.4	1.9	3.8	7.4	9.4	5.6
Production, development, and exploration workers:						
Number (1,000)	.2	.1	.1	.2	.2	.1
Hours (millions)	.4	.2	.2	.4	.4	.2
Wages (million dollars)	1.8	1.5	2.6	5.7	8.1	4.7
Value added by mining (million dollars)	9.0	8.1	9.7	23.5	27.3	22.0
Cost of supplies used, purchased machinery installed, etc. (million dollars)	4.1	2.9	5.9	10.4	11.3	(D)
Value of shipments and receipts (million dollars)	11.0	9.7	12.8	31.1	33.7	33.3
Capital expenditures (million dollars)	2.0	1.3	2.7	2.8	4.8	(D)

D Withheld to avoid disclosing data for individual companies.

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.

Table 20.11-- NONFUEL MINERAL PRODUCTION: 2000 TO 2002

[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	2000	2001 1/	2002 2/
QUANTITY (1,000 METRIC TONS)			
Cement:			
Masonry	3	(D)	-
Portland	286	112	-
Gemstones	(NA)	(NA)	(NA)
Sand and gravel (construction)	607	534	500
Stone (crushed)	5,770	6,610	7,000
VALUE (\$1,000)			
Total	92,000	85,500	75,300
Cement:			
Masonry 3/	645	(D)	-
Portland 3/	1/ 26,900	15,100	-
Gemstones	(D)	85	109
Sand and gravel (construction)	6,420	6,270	6,000
Stone (crushed)	58,100	64,000	69,200

NA Not available.

D Value excluded to avoid disclosing company proprietary data.

1/ Data have been revised from previous *Data Book* .

2/ Preliminary.

3/ For 2000 and 2001, data have been estimated.

Source: U.S. Geological Survey, Bureau of Mines, "*The Mineral Industry of Hawaii*"

<<http://minerals.er.usgs.gov/minerals/pubs/state/hi.html>> accessed April 6, 2004.

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 Housing and Community Development Corporation of Hawaii; 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: 2003*.

**Table 21.01-- NUMBER AND VALUE OF BUILDING PERMITS, BY COUNTIES:
1999 TO 2003**

Year	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
NUMBER ISSUED					
1999	17,381	11,449	2,850	1,199	1,883
2000	1/ 19,074	12,443	3,254	1/ 1,083	2,294
2001	19,466	12,929	3,288	1,237	2,012
2002	2/ 20,002	14,172	3,437	3/ 478	1,915
2003	3/ 23,182	16,261	4,219	3/ 503	2,199
ESTIMATED VALUE (\$1,000)					
1999	1,320,218	706,358	243,852	140,846	229,162
2000	1/ 1,513,073	694,223	321,704	1/ 141,786	355,360
2001	1,585,739	682,660	380,249	210,094	312,737
2002	3/ 1,772,027	876,049	449,601	3/ 172,660	273,716
2003	3/ 2,352,720	1,109,568	620,634	3/ 153,242	469,277

1/ Kauai County data for November consisted of residential data only.

2/ Revised from previous *Data Book* . Kauai County data consists of residential data only.

3/ Kauai County data consists of residential data only.

Source: Compiled from county building departments by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 21.02-- VALUE OF BUILDING PERMITS, BY TYPE, BY COUNTIES:
2001 TO 2003**

[In thousands of dollars]

Category	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
2001					
Total	1/ 1,585,739	682,660	380,249	1/ 210,094	312,737
Residential	1/ 882,444	308,622	253,021	1/ 134,253	186,548
Hotel	73,267	-	6,600	32,667	34,000
Non-residential	255,841	106,652	78,080	18,491	52,619
Additions and alterations	374,186	267,385	42,548	24,682	39,570
2002					
Total	2/ 1,772,027	876,049	449,601	2/ 172,660	273,716
Residential	1,112,912	433,841	319,788	172,660	186,622
Hotel	2/ 2,000	1,050	950	(NA)	-
Non-residential	2/ 252,194	121,322	92,488	(NA)	38,384
Additions and alterations	2/ 404,921	319,836	36,375	(NA)	48,710
2003					
Total	2/ 2,352,720	1,109,568	620,634	2/ 153,242	469,277
Residential	1,336,013	441,171	470,314	153,242	271,286
Hotel	2/ 4,245	2,500	1,745	(NA)	-
Non-residential	2/ 503,691	266,224	87,043	(NA)	150,423
Additions and alterations	2/ 508,771	399,673	61,531	(NA)	47,568

NA Not available.

1/ Includes time share units valued at about \$29.6 million.

2/ Totals do not include hotel, non-residential and additions/alterations data for Kauai County. Only Kauai County residential data was available.

Source: Compiled from county building departments by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 21.03-- ACCEPTED VALUE PER HOUSING UNIT, BY TYPE OF
STRUCTURE, FOR BUILDING PERMITS ISSUED BY THE
CITY AND COUNTY OF HONOLULU: 2001 TO 2003**

[In dollars. Excludes building permits for additions, alterations and repair. "Accepted value"
is the cost of construction for which building permits are issued]

Type of structure	2001	2002	2003
One-family	169,121	172,027	169,286
Two-family	128,273	139,580	130,575
Multi-family	98,081	1/ 208,622	101,602

1/ Includes 103 time-share units listed for one project.

Source: City and County of Honolulu Department of Planning and Permitting, *Monthly Bulletin - Building Permits* (annual) <<http://www.honoluludpp.org/calendar/>> accessed March 30, 2004; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 21.04-- GENERAL EXCISE TAX BASE FOR CONTRACTING:
1993 TO 2003**

[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
1993	3,803,605	1997	2,944,427	2001	3,766,404
1994	3,322,339	1998	3,015,977	2002	4,274,956
1995	3,133,510	1999	2,991,201	2003	4,536,323
1996	3,285,106	2000	3,613,485		

Source: Hawaii State Department of Taxation, *General Excise and Use Tax Base* (annual).

Table 21.05-- GENERAL CONSTRUCTION STATISTICS FOR ESTABLISHMENTS WITH PAYROLL (NAICS 23): 1997

[Excludes establishments without payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in earlier Economic Censuses. Less than half of the industries in the construction sector of NAICS have comparable industries in the SIC system. Therefore, comparability between the 1992 and the 1997 data is difficult]

Measure	Amount
Number of establishments	2,335
Number of proprietors and working partners 1/	748
Number of employees:	
Total	21,791
Construction workers	15,195
January to March	15,183
April to June	14,946
July to September	15,447
October to December	15,204
Payroll (\$1,000):	
All employees	845,169
Construction workers	551,358
Value of construction work (\$1,000) 2/	3,902,053
Value of construction work on government owned projects	1,415,032
Value of construction work on privately owned projects	520,473
Net value of construction work (\$1,000)	2,769,537
Value added (\$1,000)	1,801,322
Cost of materials, components, supplies, and fuels (\$1,000)	1,052,870
Cost of construction work subcontracted out to others (\$1,000)	1,132,516
Rental cost of machinery, equipment, and buildings (\$1,000)	65,356
Capital expenditures, other than land (\$1,000)	48,623
End-of-year gross book value of depreciable assets (\$1,000)	654,661

1/ Data shown are based on crediting each sole proprietorship establishment with one active proprietor and each partnership establishment with two working partners.

2/ Includes subgroups not shown separately.

Source: U.S. Census Bureau, *1997 Economic Census, Geographic Area Series, Construction, Hawaii*, EC97C23A-HI (March 2000), Tables 1, 2 and 3 <<http://www.census.gov/prod/ec97/97c23-hi.pdf>>.

Table 21.06-- CHARACTERISTICS OF THE CONSTRUCTION INDUSTRIES (NAICS 23): 1997

[Excludes establishments without payroll. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in earlier Economic Censuses. Less than half of the industries in the construction sector of NAICS have comparable industries in the SIC system. Therefore, comparability between the 1992 and the 1997 data is difficult]

NAICS code	Kind of business	Estab-lish-ments	No. of employees		Payroll (\$1,000)		Value of construct-ion work (\$1,000)
			All	Con-struction workers	All employ-ees	Con-struction workers	
23	Total	2,335	21,791	15,195	845,169	551,358	3,902,053
233	Building, development, & general contracting	813	(D)	(D)	(D)	162,708	2,049,401
2331	Land subdivision & land development	54	637	170	22,942	4,481	140,644
2332	Residential building construction	543	3,224	2,102	101,494	53,851	645,185
23321	Single-family housing construction	510	3,028	1,979	94,250	50,354	(S)
23322	Multifamily housing construction	33	196	123	7,243	3,497	52,695
2333	Nonresidential building construction	216	(D)	(D)	(D)	104,376	1,263,572
234	Heavy construction 1/	142	(D)	(D)	(D)	75,721	467,460
2341	Highway, street, bridge & tunnel construct.	52	1,041	(D)	(D)	(D)	(D)
235	Special trade contractors	1,380	11,654	8,689	433,718	312,929	1,385,192
2351	Plumbing, heating, & air-conditioning contractors	243	1,976	1,337	78,869	53,728	262,209
2352	Painting & wall covering contractors	166	1,262	986	47,794	33,441	112,265
2353	Electrical contractors	269	2,172	1,663	87,945	66,572	282,201
2354	Masonry, drywall, insulation, & tile contractors	211	1,767	1,453	62,777	50,612	179,307
2355	Carpentry & floor contractors	121	897	640	31,790	22,502	126,589
2356	Roofing, siding, & sheet metal contractors	128	1,119	806	32,613	20,317	140,447
2357	Concrete contractors	44	449	345	15,410	10,598	45,635
2358	Water well drilling contractors	10	36	21	1,212	709	4,153
2359	Other special trade contractors	188	1,976	1,437	75,307	54,449	232,386

D Withheld to avoid disclosing data of individual companies.

S Withheld because estimates did not meet publication standards.

1/ Includes subgroups not shown separately.

Source: U.S. Census Bureau, *1997 Economic Census, Geographic Area Series, Construction: Hawaii*, EC97C23A-HI (March 2000), Table 1 <<http://www.census.gov/prod/ec97/97c23-hi.pdf>>.

**Table 21.07-- PRIVATE RESIDENTIAL CONSTRUCTION AND DEMOLITION
AUTHORIZED BY PERMITS, BY COUNTIES: 1998 TO 2003**

Category and year authorized	State total	City and County of Honolulu	Other counties			
			Total	Hawaii	Kauai	Maui
New 1-family dwellings:						
1998	2,825	1,238	1,587	773	251	563
1999	3,395	1,442	1,953	1,044	259	650
2000	4,049	1,674	2,375	1,260	273	842
2001	3,789	1,573	2,216	1,129	320	767
2002	4,322	1,822	2,500	1,243	450	807
2003	5,558	2,315	3,243	1,932	422	889
New duplex units:						
1998	114	54	60	20	2	38
1999	77	27	50	6	2	42
2000	148	100	48	20	4	24
2001	148	78	70	22	20	28
2002	238	126	112	38	38	36
2003	160	100	60	44	10	6
New apartments:						
1998	589	496	93	52	1	40
1999	1,037	570	467	221	28	218
2000	852	253	599	327	27	245
2001	908	275	633	236	1/ 144	253
2002	1,592	849	743	255	117	371
2003	1,001	260	741	413	122	206
Units demolished:						
1998 2/	557	439	118	3/ 46	30	42
1999 2/	505	338	167	3/ 60	21	86
2000 2/	598	487	111	3/ 41	33	37
2001	4/ 447	351	4/ 96	3/ 40	13	43
2002	398	310	88	3/ 33	21	34
2003	486	404	82	35	-	47

1/ Includes 118 time share units.

2/ All county figures, except for Maui County, exclude units destroyed by fire, volcanic activity, high winds, and other disasters.

3/ Figures based on the 12-month period ending March 31 of the following year. For example, 2002 data was based upon the 12-month period ending March 31, 2003.

4/ Revised from previous *Data Book*.

Source: Compiled from county building departments by the Hawaii State Department of Business, Economic Development & Tourism.

Table 21.08-- HONOLULU CONSTRUCTION COST INDEXES: 1993 TO 2003

[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/
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	125.5	129.1	121.3	116.9	110.9	122.1
1997	129.3	132.7	125.3	119.3	111.8	126.0
1998	129.0	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)

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* (March 2004), tables E-4 and E-5

<<http://www.hawaii.gov/dbedt/qser/0304/construct.html>> accessed April 20, 2004 and records.

**Table 21.09-- CONDOMINIUM ASSOCIATIONS AND APARTMENTS
REGISTERED: 1994 TO 2003**

[Fiscal year ending June 30. Biennial registration was started in June 1997]

Fiscal year	Associations registered	Apartments represented	Fiscal year	Associations registered	Apartments represented
1994	1,114	95,827	1999	1,361	114,449
1995	1,171	101,628	2000	1,389	116,750
1996	1,249	107,580	2001	1,419	118,209
1997	1,277	106,052	2002	1,439	133,276
1998 1/	1,339	112,832	2003	1,458	134,444

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, *2003 Annual Report*, pp. 33
<<http://www.state.hi.us/hirec/publications/ar2003.pdf>> accessed February 23, 2004.

**Table 21.10-- CONDOMINIUM PROJECTS REGISTERED WITH THE STATE
OF HAWAII: 1999 TO 2003**

[Fiscal year ending June 30]

Subject	1999	2000	2001	2002	2003
Projects	211	225	210	201	301
Individual units	2,363	1,693	2,918	3,094	4,705

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Real Estate Commission, records.

Table 21.11-- NEW CONDOMINIUM PROJECTS, BY TYPE: 1999 TO 2003

[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	1999	2000	2001	2002	2003
All types	85	109	111	112	143
Residential	47	64	66	1/ 79	103
2 units or fewer	13	17	17	23	28
3 to 15 units	18	26	27	27	42
16 to 50 units	11	17	12	15	13
More than 50 units	5	4	10	12	20
Commercial and other	11	18	15	5	10
Agricultural	27	27	30	28	30

1/ Subcategory figures do not sum to the total.

Source: Hawaii Real Estate Commission, *2003 Annual Report*, pp. 31 and 33

<<http://www.state.hi.us/hirec/publications/ar2003.pdf>> accessed February 23, 2004.

**Table 21.12-- HOUSING UNITS CONVERTED FROM RENTAL UNITS TO
CONDOMINIUM UNITS: 1999 TO 2003**

[Fiscal years ending June 30]

Subject	1999	2000	2001	2002	2003
Projects	73	55	44	58	92
Housing units	368	342	454	591	740

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Real Estate Commission, records.

Table 21.13-- TIME-SHARE PROPERTIES AND UNITS, BY ISLANDS: 2003

Subject	State total	Oahu	Hawaii	Kauai	Maui	Molokai
Properties	76	11	15	18	31	1
Registered units 1/	5,159	985	1,035	1,667	1,465	7
Operated units 2/	4,762	714	1,035	1,657	1,349	7

1/ 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.

2/ Number of units which have been sold and are used by visitors.

Source: Hawaii Department of Business, Economic Development & Tourism, Tourism Research Branch, *2003 Visitor Plant Inventory*, pp. 61-62 <<http://www.hawaii.gov/dbedt/vpi/vpi2003.pdf>> accessed April 6, 2004.

**Table 21.14-- NUMBER OF TAXPAYERS CLAIMING HOME EXEMPTIONS:
1998 TO 2003**

[As of January 1. Based on number of taxpayers claiming home exemptions]

Tenure and county	1998	1999	2000	2001	2002	2003
TOTAL OWNER-OCCUPIED						
State total	188,570	189,954	189,756	(NA)	195,254	197,492
Honolulu	130,823	130,959	129,506	128,836	132,176	133,121
Maui	19,166	19,537	19,951	(NA)	21,146	21,477
Hawaii	28,536	29,293	29,966	(NA)	31,359	32,115
Kauai	10,045	10,165	10,333	10,325	10,573	10,779
FEE SIMPLE						
State total	176,973	178,933	179,344	(NA)	185,216	187,607
Honolulu	120,843	121,560	120,748	120,580	123,794	124,913
Maui	18,437	18,828	19,226	(NA)	20,362	20,652
Hawaii	27,881	28,615	29,254	(NA)	30,708	31,466
Kauai	9,812	9,930	10,116	10,108	10,352	10,576
LEASEHOLD						
State total	11,597	11,021	10,412	(NA)	10,038	9,885
Honolulu	9,980	9,399	8,758	8,256	8,382	8,208
Maui	729	709	725	(NA)	784	825
Hawaii	655	678	712	(NA)	651	649
Kauai	233	235	217	217	221	203

NA Not available.

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* (annual) and *Number and Amount of Exemption by Type and County* (annual) <<http://www.co.honolulu.hi.us/rpa>> accessed August 15, 2003.

Table 21.15-- SELECTED HOUSING CHARACTERISTICS, BY COUNTIES: 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 21.16-- SUMMARY HOUSING CHARACTERISTICS, BY COUNTIES: 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 \$788. 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 21.17--CHARACTERISTICS OF HOUSING UNITS, FOR THE STATE,
1997 AND 2003, AND COUNTIES, 2003**

Subject	The State		Counties, 2003 1/			
	1997	2003 1/	Hono- lulu	Maui	Hawaii	Kauai
Total households	376,574	410,794	292,003	43,687	54,644	20,460
Owner-occupied (percent)	57.9	62.3	60.8	60.5	70.2	66.1
Household income (median dollars) 2/	39,883	47,489	57,208	44,228	42,907	47,176
Average monthly mortgage (dollars)	1,319	1,433	1,546	1,310	1,072	1,284
Average monthly rent (dollars) 3/	897	992	1,014	979	859	983
Overcrowded 4/	10.2	9.6	10.0	11.0	7.0	6.0
Monthly shelter payment as percentage of income						
Under 30 percent	53.5	53.3	52.6	52.6	56.5	56.2
30 to 40 percent	18.5	16.7	17.1	17.1	15.4	14.0
Over 40 percent	19.1	15.5	15.3	16.6	15.5	16.9
Not enough information	8.9	14.4	15.0	13.6	13.5	12.9
Household type (percent)						
Single member household	14.2	22.0	22.0	21.9	22.3	20.9
Married, no children	25.8	29.1	28.9	29.6	30.6	26.9
Parent(s) and children	27.6	19.1	18.3	21.6	20.6	21.8
Unrelated roommates	4.1	6.5	6.1	7.0	7.1	8.3
Multiple families	26.5	21.6	22.9	17.6	18.1	20.5
Undetermined	1.9	1.8	1.8	2.3	1.4	1.7

1/ Based on a telephone survey of 3,022 households in the counties of Honolulu, Hawaii, Maui and Kauai. Includes all residents living in the State of Hawaii in noninstitutionalized housing units with working telephone service at the time of the study.

2/ Medians were derived from the categorical survey data, excluding refusals.

3/ Excludes responses from those who occupied their units without payment of cash rent.

4/ Percent with 1.01 or more persons per room.

Source: *Hawaii Housing Policy Study, 2003*, prepared for the Housing and Community Development Corporation of Hawaii, Department of Hawaiian Home Lands, Executive Office on Aging, County Housing Agencies and the Hawaii Community Reinvestment Corporation by SMS Research & Marketing Services, Inc. (December 2003) <<http://www.hcdch.state.hi.us/policy%20study%20final.pdf>> accessed May 13, 2004.

Table 21.18-- HOUSING UNIT ESTIMATES, BY COUNTIES: 2000 TO 2002

County	April 1 2000	July 1 2000	July 1 2001	July 1 2002	Percent change April 1, 2000 to July 1, 2002
State total	460,542	461,663	466,147	470,512	2.2
Honolulu	315,988	316,461	318,356	320,256	1.4
Hawaii	62,674	63,013	64,367	65,605	4.7
Kauai	25,331	25,392	25,637	25,962	2.5
Maui 1/	56,549	56,797	57,787	58,689	3.8

1/ Maui County includes Kalawao County.

Source: U.S. Census Bureau, Population Division, *County Housing Unit Estimates* HU-EST2002-05-15 (July 18, 2003), <<http://eire.census.gov/popest/data/household/tables/HU-EST2002-05-15.xls>> accessed July 18, 2003.

**Table 21.19-- NUMBER OF HOUSING UNITS IN OAHU NEIGHBORHOODS:
1990 AND 2000**

Neighborhood Board 1/ (see maps)	1990	2000	Percent change
Oahu total 1/	281,683	315,988	12.2
1 Hawaii Kai	9,234	10,175	10.2
2 Kuliouou-Kalani Iki	5,175	6,488	25.4
3 Waialae-Kahala	4,014	3,095	-22.9
4 Kaimuki	6,383	6,632	3.9
5 Diamond Head/Kapahulu/ St. Louis Heights	8,734	8,649	-1.0
6 Palolo	4,208	4,583	8.9
7 Manoa	6,904	7,420	7.5
8 McCully/Moilili	14,046	14,098	0.4
9 Waikiki	17,198	18,370	6.8
10 Makiki/Lower Punchbowl/ Tantalus	15,328	16,368	6.8
11 Ala Moana/Kakaako	6,779	9,440	39.3
12 Nuuanu/Punchbowl	5,982	6,584	10.1
13 Downtown	5,911	7,342	24.2
14 Liliha/Kapalama	6,838	6,852	0.2
15 Kalihi-Palama	11,107	11,108	0.0
16 Kalihi Valley	4,146	4,169	0.6
17 Moanalua	3,624	3,462	-4.5
18 Aliamanu/Salt Lake/ Foster Village	12,217	12,927	5.8
19 Airport	5,996	5,627	-6.2
20 Aiea	10,867	11,044	1.6
21 Pearl City	13,899	14,812	6.6
22 Waipahu	14,202	17,897	26.0
23 Ewa	6,971	15,845	127.3
24 Waianae Coast	10,711	12,378	15.6
25 Mililani/Waipio/Melemanu	10,738	11,445	6.6
26 Wahiawa	11,260	12,115	7.6
27 North Shore	5,287	6,648	25.7
28 Koolauloa	4,422	4,473	1.2
29 Kahaluu	4,409	4,682	6.2
30 Kaneohe	12,452	11,821	-5.1
31 Kailua	13,679	15,280	11.7
32 Waimanalo	2,204	2,792	26.7
33 Mokapu	2,030	2,388	17.6
34 Makakilo/Kapolei/ Honokai Hale	4,720	4,937	4.6
35 Mililani Mauka-Launani Valley	8	4,042	50,425.0

Continued on next page.

**Table 21.19-- NUMBER OF HOUSING UNITS IN OAHU NEIGHBORHOODS:
1990 AND 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. Neighborhood Board numbers are displayed next to the Neighborhood Board names.

Source: City and County of Honolulu Planning and Permitting Department, Planning Division, Community Profiles for Neighborhood Areas <<http://honoluludpp.org/planning/demographics/cp-toc.pdf>> accessed June 13, 2002.

**Table 21.20-- HOUSING CHARACTERISTICS OF OAHU
NEIGHBORHOODS: 2000**

Neighborhood Area 1/ (see maps)	Total housing units	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	6,488	5,175	1,029	83.4	0.9	2.6
3 Waialae-Kahala	3,095	2,032	696	74.5	1.4	5.9
4 Kaimuki	6,632	4,193	2,169	65.9	0.8	4.7
5 Diamond Head/Kapahulu/ St. Louis Heights	8,649	4,053	3,645	52.7	3.3	8.6
6 Palolo	4,583	2,489	1,884	56.9	0.9	5.9
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	16,368	5,856	9,142	39.0	2.0	7.9
11 Ala Moana/Kakaako	9,440	2,475	5,322	31.7	8.4	8.1
12 Nuuanu/Punchbowl	6,584	3,617	2,563	58.5	0.6	7.0
13 Downtown	7,342	1,554	5,264	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	14,812	10,177	4,192	70.8	0.7	3.9
22 Waipahu	17,897	10,847	6,090	64.0	2.0	7.2
23 Ewa	15,845	9,948	4,376	69.4	2.6	5.6
24 Waianae Coast	12,378	6,101	4,453	57.8	2.9	16.7
25 Mililani/Waipio/Melemanu	11,445	8,061	2,977	73.0	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	4,682	3,154	1,322	70.5	0.7	4.8
30 Kaneohe	11,821	8,051	3,297	70.9	0.9	4.7
31 Kailua	15,280	10,308	4,320	70.5	0.7	4.7
32 Waimanalo	2,792	1,856	801	69.9	0.9	3.0
33 Mokapu	2,388	29	2,303	1.2	-	2.1

Continued on next page.

**Table 21.20-- HOUSING CHARACTERISTICS OF
OAHU NEIGHBORHOODS: 2000 -- Con.**

Neighborhood Area 1/ (see maps)	Total housing units	Occupied		Home- ownership rate	Vacancy rate	
		Owner	Renter		Home- owner	Rental
34 Makakilo/Kapolei/ Honokai Hale	4,937	3,301	1,288	71.9	2.9	6.9
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.

Source: City and County of Honolulu Planning and Permitting Department, Planning Division, Community Profiles for Neighborhood Areas <<http://honoluludpp.org/planning/demographics/cp-toc.pdf>> accessed June 13, 2002.

**Table 21.21-- VACANCY AND HOMEOWNERSHIP RATES, FOR THE STATE
AND HONOLULU MSA: 1993 TO 2003**

Year	Rental vacancy rate		Homeowner vacancy rate		Homeownership rate	
	State total	Honolulu MSA 1/	State total	Honolulu MSA 1/	State total	Honolulu MSA 1/
1993 2/	6.8	3.9	3.0	1.3	52.8	51.9
1994	7.4	5.0	2.0	1.4	52.3	51.5
1995	6.3	5.4	2.0	1.8	50.2	49.1
1996	6.0	4.7	1.4	1.3	50.6	49.1
1997	7.1	6.4	1.6	1.3	50.2	48.5
1998	6.9	6.3	1.3	0.9	52.8	51.2
1999	7.6	7.6	1.8	1.2	56.6	56.0
2000	5.3	4.9	0.9	0.7	55.2	56.8
2001	8.2	8.0	0.8	0.6	55.5	55.4
2002 2/	7.3	5.5	0.9	1.0	57.9	57.0
2003	8.9	7.0	1.2	0.9	58.3	56.9
Standard error	0.9	1.0	0.3	0.3	1.0	1.2
U.S. 2003	9.8	3/ 9.6	1.8	3/ 1.7	68.3	3/ 66.5

1/ The Honolulu Metropolitan Statistical Area (MSA) consists of the City and County of Honolulu.

2/ Revised dataset.

3/ Rate for all U.S. inside metropolitan areas. Data for 1993 and 1994 are based on 1980 metropolitan/nonmetropolitan definitions, while 1995 and later data are based on 1990 metropolitan/nonmetropolitan definitions.

Source: U.S. Census Bureau, "Housing Vacancies and Homeownership Annual Statistics: 2003" <<http://www.census.gov/hhes/www/housing/hvs/annual03/ann03ind.html>> accessed March 30, 2004.

Table 21.22-- BUILDING VACANCY RATES FOR COMPETITIVE OFFICE SPACE FOR THE METROPOLITAN HONOLULU OFFICE MARKET, BY SUBMARKET: 1995 TO 2003

[The Metropolitan Honolulu Office Market survey for 2003 includes 105 multi-tenant Class A and Class B buildings with 20,000 square feet or more. Previous surveys included 111 multi-tenant Class A and Class B buildings with 20,000 square feet or more. Rates are percent of space reported vacant in survey]

Vacancy Rate 1/	1995	1996	1997	1998	1999	2000	2001	2002	2003
Downtown 2/	16.4	16.1	15.2	14.2	14.1	12.2	13.5	13.5	13.0
Suburban 3/	12.1	12.9	12.5	14.5	13.7	14.1	13.7	14.8	11.6

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: Society of Industrial and Office Realtors & Landauer Real Estate Counselors, *1998 Comparative Statistics of Industrial and Office Real Estate Markets* (1998); CB Richard Ellis Hawaii, Inc., records..

**Table 21.23-- HOUSING AND COMMUNITY DEVELOPMENT
CORPORATION OF HAWAII (HCDCH) PUBLIC
HOUSING OPERATIONS: 2001 TO 2003**

[Fiscal year ending June 30]

Subject	2001	2002	2003
Total units owned by HCDCH on June 30	6,577	6,262	1/ 6,262
Occupied	5,193	5,347	5,427
Population in units on June 30	13,784	13,798	14,447
Per occupied unit	2.65	2.80	2.70
Operating revenues of HCDCH, fiscal year: 2/ Gross (\$1,000)	23,497	23,699	24,867
Net (\$1,000)	2,701	-1,551	2,657
Operating revenues per unit per month, fiscal year (dollars) 2/	362	366	384
Rent charged per unit per month, fiscal year (dollars) 2/	203	197	198

1/ Federal low-rent, 5,398; State low-rent, 288; State elderly, 576.

2/ Federal projects only; revenue amounts include Federal subsidies.

Source: Hawaii State Department of Business, Economic Development & Tourism, Housing and Community Development Corporation of Hawaii, records.

**Table 21.24-- REAL ESTATE LICENSES, ACTIVE AND INACTIVE, BY TYPE
OF LICENSE AND LOCATION: MAY 6, 2004**

[Real estate licenses are subject to renewal on or before December 31 of each even-numbered year]

Type of license	Active	Inactive	Location	Active	Inactive
Total	11,930	4,775	Oahu	7,171	2,680
			Hawaii	1,638	519
Broker:			Maui	2,073	674
Individual	3,629	547	Kauai	905	351
Corporation or partnership	941	45	Molokai	38	5
Limited Liability Corporation/ Limited Liability Partnership	203	12	Lanai	14	6
			U.S. mainland	90	505
Salesman	7,157	4,171	Foreign	1	35

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, records.

**Table 21.25-- MULTIPLE LISTING SERVICE LISTINGS AND SALES, FOR
OAHU: 1993 TO 2003**

[Data include single family, condominium/cooperative, vacant, multi-family,
commercial/industrial, business opportunities]

Year	Number listed	Number sold	Percent sold	Mean sales price (dollars)
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

Source: Honolulu Board of Realtors, Multiple Listing Service, records.

Table 21.26-- MULTIPLE LISTING SERVICE LISTINGS AND SALES, BY TYPE OF PROPERTY, FOR OAHU: 2001 TO 2003

Year and type of property	Number listed	Number sold	Percent sold	Sales price (dollars)	
				Mean	Median
2001					
Total	12,339	7,953	64.5	265,047	(X)
Single family	5,183	3,406	65.7	375,857	299,900
Condominium/cooperative	6,179	4,261	69.0	168,013	133,000
Vacant land	503	181	36.0	315,921	214,000
Multi-family	208	68	32.7	552,794	445,000
Commercial/industrial	149	24	16.1	669,533	515,000
Business opportunities	117	13	11.1	77,308	65,000
2002					
Total	13,967	9,695	69.4	286,594	(X)
Single family	5,483	3,906	71.2	418,231	335,000
Condominium/cooperative	7,503	5,406	72.1	181,933	152,000
Vacant land	482	220	45.6	338,743	222,500
Multi-family	237	99	41.8	574,500	507,000
Commercial/industrial	163	51	31.3	571,216	400,000
Business opportunities	99	13	13.1	65,769	35,000
2003					
Total	15,464	11,831	76.5	319,964	(X)
Single family	5,868	4,419	75.3	479,377	380,000
Condominium/cooperative	8,598	6,907	80.3	205,165	175,000
Vacant land	503	316	62.8	390,037	259,000
Multi-family	238	121	50.8	677,157	575,000
Commercial/industrial	144	48	33.3	903,460	494,500
Business opportunities	113	20	17.7	74,800	45,000

X Not applicable.

Source: Honolulu Board of Realtors, Multiple Listing Service, records.

**Table 21.27-- MULTIPLE LISTING SERVICE SINGLE-FAMILY HOUSES SOLD,
BY SELLING PRICE RANGE, FOR OAHU: 2001 TO 2003**

Selling price range	2001	2002	2003
All properties	3,406	3,906	4,419
On leased land	65	68	63
Percent	1.9	1.7	1.4
Less than \$100,000	89	62	29
\$100,000 to \$149,999	166	125	69
\$150,000 to \$199,999	395	281	182
\$200,000 to \$249,999	557	518	382
\$250,000 to \$299,999	499	598	568
\$300,000 to \$349,999	414	464	636
\$350,000 to \$399,999	367	476	520
\$400,000 to \$449,999	220	300	368
\$450,000 to \$499,999	155	214	347
\$500,000 to \$549,999	100	171	247
\$550,000 to \$599,999	72	148	235
\$600,000 to \$649,999	44	96	123
\$650,000 to \$699,999	69	78	119
\$700,000 to \$799,999	73	115	195
\$800,000 to \$899,999	58	80	99
\$900,000 to \$999,999	21	32	76
\$1.0 to \$1.9 million	79	122	173
\$2.0 to \$2.9 million	13	13	34
\$3.0 to \$3.9 million	9	6	7
\$4.0 to \$4.9 million	5	3	3
\$5.0 million or more	1	4	7
Median value (dollars)	299,900	335,000	380,000
Mean value (dollars)	375,857	418,231	479,377

Source: Honolulu Board of Realtors, Multiple Listing Service, records.

**Table 21.28-- MULTIPLE LISTING SERVICE COOPERATIVE AND
CONDOMINIUM UNITS SOLD, BY SELLING PRICE RANGE, FOR OAHU:
2001 TO 2003**

Selling price range	2001	2002	2003		
			Total	Fee simple	Lease-hold
All properties	4,261	5,406	6,907	5,204	1,703
Less than \$50,000	362	282	91	23	68
\$50,000 to \$74,999	459	439	333	197	136
\$75,000 to \$99,999	631	552	491	252	239
\$100,000 to \$124,999	487	606	613	407	206
\$125,000 to \$149,999	464	738	959	751	208
\$150,000 to \$174,999	336	585	939	735	204
\$175,000 to \$199,999	339	462	884	676	208
\$200,000 to \$224,999	271	343	496	401	95
\$225,000 to \$249,999	222	357	480	405	75
\$250,000 to \$274,999	149	244	349	286	63
\$275,000 to \$299,999	100	180	267	223	44
\$300,000 to \$349,999	140	222	360	297	63
\$350,000 to \$399,999	81	144	225	197	28
\$400,000 to \$449,999	69	68	126	102	24
\$450,000 to \$499,999	29	47	79	62	17
\$500,000 to \$599,999	38	53	89	78	11
\$600,000 to \$699,999	27	32	56	51	5
\$700,000 to \$799,999	15	14	26	24	2
\$800,000 to \$899,999	16	13	4	3	1
\$900,000 to \$999,999	16	5	12	11	1
\$1,000,000 or more	10	20	28	23	5
Median value (dollars)	133,000	152,000	175,000	182,000	149,000
Mean value (dollars)	168,013	181,933	205,165	216,623	170,249

Source: Honolulu Board of Realtors, Multiple Listing Service, records.

Table 21.29-- MULTIPLE LISTING SERVICE, NUMBER OF SINGLE FAMILY AND CONDOMINIUM RESALES, BY ISLAND: 1993 TO 2003

Category and year	State total	Oahu	Hawaii	Kauai	Maui
SINGLE FAMILY					
1993	3,262	1,941	761	190	370
1994	3,668	2,175	906	199	388
1995	2,961	1,642	823	142	354
1996	3,157	1,749	805	162	441
1997	3,724	2,025	950	199	550
1998	4,649	2,495	1,152	321	681
1999	5,386	2,853	1,190	357	986
2000	5,870	3,181	1,325	427	937
2001	6,628	3,406	1,652	558	1,012
2002	7,577	3,906	1,926	733	1,012
2003	8,819	4,419	2,295	677	1,428
CONDOMINIUM					
1993	4,082	3,262	292	75	453
1994	4,389	3,370	314	138	567
1995	3,185	2,260	282	96	547
1996	3,034	1,990	358	123	563
1997	3,520	2,100	443	144	833
1998	4,434	2,632	494	267	1,041
1999	5,513	3,298	475	327	1,413
2000	6,351	3,926	575	345	1,505
2001	6,746	4,261	568	518	1,399
2002	8,492	5,406	703	701	1,682
2003	10,410	6,907	947	537	2,019

Source: Data compiled by Prudential Locations Research from each county's Board of Realtors MLS.

Table 21.30-- MULTIPLE LISTING SERVICE, MEDIAN SALES PRICE OF SINGLE FAMILY AND CONDOMINIUM RESALES, BY ISLAND: 1993 TO 2003

[In dollars]

Category and year	State 1/	Oahu	Hawaii	Kauai	Maui
SINGLE FAMILY					
1993	2/ 292,359	2/ 358,500	170,000	231,613	280,000
1994	295,982	360,000	165,000	244,500	273,500
1995	280,932	349,000	155,000	250,000	275,000
1996	2/ 274,918	2/ 335,000	165,000	219,000	265,000
1997	2/ 253,675	2/ 307,000	155,000	221,000	249,950
1998	251,500	297,000	159,000	237,500	254,000
1999	253,000	290,000	163,000	238,750	250,000
2000	265,000	295,000	175,000	253,800	275,000
2001	2/ 271,274	2/ 299,000	189,000	266,500	300,000
2002	2/ 337,100	2/ 335,000	194,500	320,000	376,985
2003	350,100	380,000	235,000	365,750	440,000
CONDOMINIUM					
1993	2/ 186,148	2/ 193,000	140,000	165,000	175,000
1994	180,950	190,000	125,000	139,500	169,000
1995	172,702	182,000	123,000	150,000	165,000
1996	2/ 166,344	2/ 175,000	125,175	140,000	175,000
1997	145,570	150,000	125,000	120,000	150,000
1998	2/ 139,000	2/ 135,000	122,500	129,000	161,300
1999	138,000	125,000	135,000	121,250	165,000
2000	139,000	125,000	135,000	150,000	193,000
2001	2/ 141,000	2/ 133,000	136,750	155,000	195,000
2002	2/ 172,250	2/ 152,000	166,000	179,674	205,500
2003	185,000	175,000	182,900	287,000	241,325

1/ Weighted by the number of resales.

2/ Honolulu Board of Realtors data were used for the Oahu island figures. The state total, however, does not reflect differences in the Oahu median sales prices between the Honolulu Board of Realtors database and the Prudential Locations Research database.

Source: Data compiled by Prudential Locations Research from each county's Board of Realtors MLS.

Table 21.31-- NUMBER OF DEEDS FILED AND RECORDED AND APPROXIMATE VALUE OF LAND CONVEYED: 1999 TO 2003

[Data include leases, agreement of sales assignments, subleases, timeshares, etc., as well as deeds]

Subject	1999	2000	2001	2002	2003
Number of deeds filed and recorded	76,331	80,001	83,229	91,723	110,922
Approximate value of land conveyed (\$1,000)	8,311,047	9,689,367	10,167,267	10,811,198	15,643,941

Source: Hawaii State Department of Land and Natural Resources, Bureau of Conveyances, records.

**Table 21.32-- APPROXIMATE VALUE OF LAND TRANSFERS,
BY COUNTIES: 2001 TO 2003**

[In dollars. Totals include leases, agreement of sales assignments,
subleases, etc., as well as deeds]

County	2001	2002	2003
State total	10,167,267,210	10,811,198,328	15,643,941,120
Honolulu	5,447,027,600	5,783,194,600	8,605,069,820
Maui	2,131,622,500	2,164,630,528	3,687,957,300
Hawaii	1,786,101,410	2,053,320,600	2,269,634,700
Kauai	802,515,700	810,052,600	1,081,279,300

Source: Hawaii State Department of Land and Natural Resources, Bureau of Conveyances, records.

**Table 21.33-- FORECLOSURE FILINGS, BY JUDICIAL CIRCUIT:
1998 TO 2003**

Year	State total	First Circuit 1/	Second Circuit 2/	Third Circuit 3/	Fifth Circuit 4/
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

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 21.34-- ELEVATORS, ESCALATORS, AND SIMILAR FACILITIES:
DECEMBER 31, 2003**

Facility	State total	Oahu	Hawaii		Maui	Molo-kai	Lanai	Kauai
			Hilo	Kona				
Total	6,280	4,948	192	257	616	4	22	241
Elevators	5,165	4,037	138	233	529	1	20	207
Hydro (Under 9 stories)	1,705	1,109	77	128	243	1	9	138
Roped:								
Under 9 stories	1,612	1,172	50	105	220	-	11	54
9 to 18 stories	1,142	1,050	11	-	66	-	-	15
19 to 28 stories	404	404	-	-	-	-	-	-
29 to 38 stories	214	214	-	-	-	-	-	-
39 stories or more	88	88	-	-	-	-	-	-
Escalators & moving walks/ speed ramps	421	396	6	-	17	-	-	2
Inclined lifts	11	4	3	1	-	-	1	2
Private industrial elevators	29	2	2	4	13	-	-	8
Manlifts	8	8	-	-	-	-	-	-
Handicap/chairlifts	307	219	26	17	27	3	1	14
Dumbwaiters	339	282	17	2	30	-	-	8

Source: Hawaii State Department of Labor and Industrial Relations, Division of Occupational Safety and Health, Boiler and Elevator Inspection Bureau, records.

Table 21.35-- TALLEST STRUCTURES, BY ISLANDS: MARCH 2004

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: First Hawaiian Center	999 Bishop Street	1996	27	438
Nauru Tower	1330 Ala Moana Blvd.	1991	45	400
Waterfront Towers	425 South Street	1990	46	400
One Archer Lane	801 South King Street	1998	41	400
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.

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 quinquennial *United States Census of Manufacturing*, most recently published for 1997, the *United States 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: 2003*.

**Table 22.01-- STATISTICAL SUMMARY OF MANUFACTURES:
1996 TO 2001**

Subject	1996	1997	1998	1999	2000	2001
All employees:						
Number (1,000)	17.1	15.1	15.4	15.2	14.6	14.4
Payroll (million dollars)	509.4	404.6	395.5	409.4	1/ 428.0	447.4
Production workers:						
Number (1,000)	10.1	9.9	10.4	10.0	9.6	9.1
Hours (millions)	19.7	18.3	19.2	18.0	18.0	16.7
Wages (million dollars)	250.6	231.3	228.0	217.2	1/ 232.0	224.7
Value added by manufacture (million dollars)	1,608.5	1,261.3	1,141.2	1,236.1	1/ 1,357.2	907.3
Cost of materials 2/ (million dollars)	1,546.7	1,939.9	1,669.0	1,810.6	2,444.1	2,268.6
Value of shipments 2/ (million dollars)	3,145.5	3,189.9	2,833.4	3,024.5	3,732.3	3,196.4
Total capital expenditures (million dollars)	79.0	100.7	94.1	89.9	105.4	157.2

1/ Revised from previous *Data Book*.

2/ Aggregate 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, *Annual Survey of Manufactures, Geographic Area Statistics, 1996*, M96 (AS)-3 (April 1998), table 1; *2000*, M00 (AS)-3 (March 2002), table 2; *2001*, M01(AS)-3 (January 2003), table 2 <<http://www.census.gov/prod/2003pubs/m01as-3.pdf>> accessed April 19, 2003.

Table 22.02-- DETAILED MANUFACTURING STATISTICS: 1997

[NAICS Industries 31-33]

Item	Value
Companies 1/	895
All establishments	921
Establishments with 1 to 19 employees	762
Establishments with 20 to 99 employees	130
Establishments with 100 employees or more	29
All employees	15,109
Total compensation (\$1,000) 2/	503,407
Annual payroll (\$1,000)	405,045
Total fringe benefits (\$1,000)	98,362
Production workers, average for year	9,899
Production workers on March 12	9,835
Production workers on May 12	9,768
Production workers on August 12	10,194
Production workers on November 12	9,799
Production-worker hours (1,000)	18,362
Production-worker wages (\$1,000)	231,595
Total cost of materials	1,941,147
Cost of materials, parts, containers, etc., consumed (\$1,000)	1,673,002
Cost of resales (\$1,000)	152,624
Cost of fuels (\$1,000)	51,118
Cost of purchased electricity (\$1,000)	23,281
Cost of contract work (\$1,000)	41,122
Quantity of electricity purchased for heat and power (1,000 kWh)	245,275
Quantity of electricity generated less sold for heat and power (1,000 kWh)	(D)
Total value of shipments (\$1,000)	3,192,532
Value of resales (\$1,000)	181,478
Value added (\$1,000)	1,262,448
Total inventories, beginning of year (\$1,000)	336,547
Finished goods inventories, beginning of year (\$1,000)	175,028
Work-in-process inventories, beginning of year (\$1,000)	46,214
Materials and supplies inventories, beginning of year (\$1,000)	115,305

Continued on next page.

Table 22.02-- DETAILED MANUFACTURING STATISTICS: 1997 -- Con.

[NAICS Industries 31-33]

Item	Value
Total inventories, end of year	351,344
Finished goods inventories, end of year (\$1,000)	188,052
Work-in-process inventories, end of year (\$1,000)	47,984
Materials and supplies inventories, end of year (\$1,000)	115,308
Gross book value of total assets at beginning of year (\$1,000)	1,221,564
Total capital expenditures (new and used) (\$1,000)	100,707
Capital expenditures for buildings and other structures (new and used) (\$1,000)	38,742
Capital expenditures for machinery and equipment (new and used) (\$1,000)	61,965
Total retirements (\$1,000) 2/	24,447
Gross book value of total assets at end of year (\$1,000)	1,297,824
Total depreciation during year (\$1,000) /2	68,301
Total rental payments (\$1,000) /2	38,447
Buildings and other structures rental payments (\$1,000) /2	23,072
Machinery and equipment rental payments (\$1,000) /2	15,375

D Withheld to avoid disclosing data for individual companies.

1/ For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

2/ These items are collected in the ASM (Annual Survey of Manufacturers) and estimated for the remaining establishments.

Source: U.S. Census Bureau, *1997 Economic Census, Manufacturing, Geographic Area Series, Hawaii*, EC97M31A-HI (May 2000), table 5.

**Table 22.03-- STATISTICAL SUMMARY OF MANUFACTURING, BY COUNTIES:
1997**

[NAICS 31-33]

Subject	State total	City and County of Honolulu	Hawaii County	Kauai County 1/	Maui County
All establishments 2/ (number)	921	685	106	30	100
With 20 employees or more	159	133	13	4	9
All employees:					
Number	15,109	11,161	1,588	441	1,919
Payroll (\$1,000)	405,045	300,856	37,458	15,429	51,302
Production workers:					
Number	9,899	7,034	1,076	280	1,509
Hours (1,000)	18,362	13,018	1,954	560	2,830
Wages (\$1,000)	231,595	164,815	21,133	9,351	36,296
Value added by manufacture (\$1,000)	1,262,448	1,042,807	81,221	15,077	123,343
Cost of materials 3/ (\$1,000)	1,941,147	1,659,321	113,642	32,795	135,389
Value of shipments 3/ (\$1,000)	3,192,532	2,692,239	192,461	48,224	259,608
Total capital expenditures (\$1,000)	100,707	77,715	14,236	4,736	4,020

1/ Kauai data calculated as residual by DBEDT.

2/ Includes establishments with payroll at any time during the year.

3/ Aggregate of cost of materials and value of shipments include extensive duplication since products of some industries are used as materials by others.

Source: U.S. Census Bureau, 1997 *Economic Census Manufacturing, Geographic Area Series, Hawaii*, EC97M31A-HI (May 2000), tables 1 and 3.

Table 22.04-- MANUFACTURING, BY SELECTED INDUSTRY GROUPS: 1997

[NAICS Industries 31 - 33]

Subject	Total	Food mfg	Apparel	Printing &	Cement &	Transp.	Furniture	Miscell.
		(NAICS 311)	mfg (NAICS 315)	& rel sup (NAICS 323)	con. prod mfg (NAICS 3273)	Equip. mfg (NAICS 336)	& rel. prod. mfg (NAICS 337)	mfg (NAICS 339)
All establishments								
Number	921	244	93	123	33	24	47	146
With 20 employees or more	159	55	21	19	10	6	5	13
All employees								
Number	15,109	6,118	1,555	1,736	613	400	372	1,372
Payroll (\$1,000)	405,045	153,304	28,924	42,452	26,662	13,418	10,339	31,297
Production workers:								
Number	9,899	4,132	1,221	1,072	437	328	286	767
Hours (1,000)	18,362	7,497	2,250	2,010	901	585	554	1,305
Wages (\$1,000)	231,595	90,110	17,243	27,109	18,238	10,306	6,931	15,528
Value added by manufacture (\$1,000)	1,262,448	402,859	70,638	80,317	60,573	26,088	23,608	71,149
Cost of materials (\$1,000)	1,941,147	475,773	62,975	59,396	69,264	21,138	18,302	36,239
Value of shipments (\$1,000)	3,192,532	878,143	133,900	140,213	129,904	47,327	40,407	106,043
Total capital expenditures (\$1,000)	100,707	32,687	1,833	9,658	3,528	816	(D)	2,670

D Withheld to avoid disclosing data for individual companies.

Source: U.S. Census Bureau, 1997 Economic Census, Manufacturing, Geographic Area Series, Hawaii,

EC97M31A-HI (May 2000), table 1.

Table 22.05-- PRIVATE INDUSTRY MANUFACTURING EMPLOYMENT AND WAGES, ANNUAL AVERAGES: 2002

[Data are final and represent the complete count of employment and wages for workers covered by the unemployment compensation program]

NAICS code 1/	Manufacturing	Average establish- ments	Annual average employ- ment	Total annual wages (\$1,000)	Annual wages per employee
	Total	1,130	15,240	467,663	30,687
311	Food mfg.	321	6,438	156,414	24,296
3113	Sugar & confectionery product	28	841	24,752	29,438
3114	Fruit & vegetable preserving & specialty	26	874	24,136	27,616
3115	Dairy product mfg.	13	418	15,916	38,123
3116	Animal slaughtering & processing	25	379	7,634	20,129
3118	Bakeries & tortilla mfg.	139	1,993	41,539	20,844
3121	Beverage mfg.	27	733	26,728	36,477
314	Textile product mills	30	95	2,089	22,052
315	Apparel	22	177	2,499	14,132
3162	Footwear mfg.	4	42	647	15,488
3212	Plywood & engineered wood product mfg.	4	75	2,740	36,618
3219	Other wood product mfg.	26	134	3,364	25,056
3222	Converted paper product mfg.	7	159	6,555	41,182
3231	Printing & related support activities	145	1,297	40,198	31,005
3241	Petroleum & coal products	7	423	32,538	76,846
325	Chemical mfg.	37	480	19,342	40,268
326	Plastics & rubber products mfg.	16	209	6,658	31,869
3271	Clay products & refractory	10	29	367	12,475
3272	Glass & glass product mfg.	10	81	2,016	24,965
3273	Cement & concrete product mfg.	37	780	41,398	53,085
3279	Other non-metallic mineral products	14	125	3,387	27,064
332	Fabricated metal product mfg.	42	414	15,843	38,306
333	Machinery mfg.	8	50	1,387	27,704
334	Computer & electronic product mfg.	(2/)	(2/)	(2/)	(2/)
336	Transportation equipment mfg.	74	2,119	66,580	31,425
337	Furniture & related product mfg.	61	590	19,558	33,172
3391	Medical equipment & supplies mfg.	48	231	7,426	32,196
3399	Other miscellaneous mfg.	119	856	20,753	24,246

1/ North American Industrial Classification System.

2/ Data do not meet U.S. Bureau of Labor Statistics or state agency disclosure standards.

Source: U.S. Bureau of Labor Statistics, *Employment and Wages, Annual Averages 2002* (Bulletin 2563, November 2003), table 10 <<http://www.bls.gov/cew/cewbultn02.htm>> accessed July 11, 2004.

**Table 22.06-- GENERAL EXCISE TAX BASE FOR MANUFACTURING:
1987 TO 2003**

[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]

Year reported 1/	Tax base	Year reported 1/	Tax base	Year reported 1/	Tax base
1987	595,140	1993	717,423	1999	585,305
1988	629,303	1994	618,238	2000	586,039
1989	630,997	1995	614,771	2001	611,292
1990	728,387	1996	622,889	2002	612,658
1991	714,407	1997	581,259	2003	638,863
1992	714,470	1998	535,371		

1/ Calendar year in which reported, including "prior years" reports. Income received in December is reported the following January and 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).

**Table 22.07-- INDUSTRIAL AND HIGH TECHNOLOGY PARKS,
BY ISLAND: 2003**

Subject	State total	Hawaii	Maui	Oahu	Kauai
Number of parks	20	5	4	10	1
Acres					
Total	4,572	1,741	682	2,143	6
Developed	1/ 2,695	1/ 651	119	1,920	5

1/ Excluding Kona Industrial Park (total of 167 acres).

Source: Pacific Business News, *2004 Book of Lists*, p. 133.

**Table 22.08-- PINEAPPLE COMPANIES AND CANNERIES, AND
SUGAR COMPANIES AND MILLS, 1950 TO 2003,
AND BY ISLANDS, 2002 AND 2003**

Year	Pineapple (end of canning season)		Sugar (December 31)	
	Companies	Canneries	Companies 1/	Mills
1950	9	8	28	26
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
1993	3	1	11	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
ISLANDS: 2002				
Hawaii	-	-	-	-
Maui	1	1	1	1
Oahu	2	-	-	-
Kauai	-	-	1	1
ISLANDS: 2003				
Hawaii	-	-	-	-
Maui	1	1	1	1
Oahu	2	-	-	-
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 2003

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

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.

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 2002**

[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

1/ Value of canned fruit and juices and by-product shipped out-of-State and sold within State.

2/ Includes "fresh cut". Value FAS shipping point for outshipments, delivered wholesalers local sales.

Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture* (annual) and records
<http://www.nass.usda.gov/hi/stats/t_of_c.htm> accessed February 12, 2004.

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, *1997 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: 2003*, Section 22 and 27, presents similar data for other states and the nation as a whole.

**Table 23.01-- GENERAL EXCISE TAX BASE FOR TRADE AND SERVICE
ACTIVITIES: 1985 TO 2003**

[In \$1,000. Data are on a cash basis accounting]

Year reported 1/	Retailing	Services 2/	Amusement, etc. 3/	Intermediary services	Wholesaling
1985	8,499,254	2,481,669	154,830	116,300	4,095,220
1986	9,239,373	2,784,169	159,881	127,992	4,443,166
1987	9,449,673	2,896,159	157,824	148,557	5,188,215
1988	10,385,974	3,287,715	165,729	182,138	5,683,815
1989	11,607,779	3,699,003	184,154	189,018	6,595,569
1990	12,827,883	4,276,876	201,003	349,111	7,494,330
1991	13,398,382	4,888,164	209,128	451,078	7,722,752
1992	13,846,332	5,032,682	229,091	247,850	7,498,621
1993	13,976,048	5,092,654	226,443	218,173	7,646,215
1994	14,569,798	5,270,844	238,195	265,755	7,622,366
1995	15,050,113	5,351,079	233,843	264,193	7,808,103
1996	16,091,429	5,618,027	246,232	292,250	8,153,155
1997	15,973,955	5,414,691	229,802	283,064	8,101,894
1998	15,730,858	5,545,001	232,288	320,845	8,030,448
1999	15,957,379	5,647,648	220,959	298,815	8,059,260
2000	17,453,936	6,045,695	253,484	378,574	9,082,585
2001	17,823,297	6,426,452	249,098	322,183	9,171,140
2002	17,873,487	6,831,646	265,334	331,944	9,288,532
2003	18,835,041	7,296,759	260,651	352,614	9,714,281

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, broadcasting, etc.

Source: Hawaii State Department of Taxation, "General Excise and Use Tax Base" (annual tabular release).

**Table 23.02-- RETAIL ESTABLISHMENTS, BY PAYROLL STATUS:
1972 TO 1997**

[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:						
1997 1/	14,098	5,088	9,010	11,628	11,318	310

1/ Excludes foodservices (eating and drinking places), included in earlier censuses.

Source: U.S. Bureau of the Census, *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; and *1997 Economic Census, Nonemployer Statistics*, EC97X-CS4 (January 2001), table 2.

**Table 23.03-- FOODSERVICES & DRINKING PLACES (NAICS 722)
BY TYPE OF SERVICE: 1997**

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

NAICS code	Type of service	Establishments (number)	Sales (\$1,000)	Employees, week including March 12	Annual payroll (\$1,000)
722	Foodservices & drinking places	2,772	1,980,996	47,978	555,115
7221	Full-service restaurants	1,207	1,002,421	25,170	309,458
7222	Limited-service eating places	1,185	723,521	17,988	178,691
7223	Special foodservices	96	162,149	2,846	46,009
72231	Foodservice contractors	51	142,848	2,267	40,228
72232	Caterers	22	12,597	447	4,173
72233	Mobile foodservices	23	6,704	132	1,608
7224	Drinking places	284	92,905	1,974	20,957

Source: U.S. Bureau of the Census, *1997 Economic Census, Accommodation and Foodservices, Geographic Area Series EC97R72A-HI* (October 1999), p. 7.

**Table 23.04-- CHARACTERISTICS OF RETAIL ESTABLISHMENTS
(NAICS 44-45) WITH PAYROLL, BY BROAD GEOGRAPHIC AREAS: 1997**

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

Subject	State total	Oahu	Other Islands
Number of establishments	5,088	3,269	1,819
Sales (\$1,000)	11,317,752	8,264,716	3,053,036
Annual payroll (\$1,000)	1,161,805	823,553	338,252
First quarter payroll (\$1,000)	281,093	199,128	81,965
Paid employees for pay period including March 12	64,218	44,960	19,258

Source: U.S. Bureau of the Census, *1997 Economic Census, Retail Trade, Hawaii*, EC97R44A-HI (November 1999), tables 1, 2.

Table 23.05-- RETAIL ESTABLISHMENTS (NAICS 44-45) WITH PAYROLL, FOR COUNTIES AND SELECTED URBAN PLACES: 1997

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

Geographic area	Number of establishments	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12
State total	5,088	11,317,752	1,161,805	64,218
Hawaii County	688	1,183,054	128,529	7,587
Captain Cook	7	8,266	671	36
Hilo	261	552,226	63,033	3,696
Holualoa	10	3,298	215	19
Kailua	180	347,694	34,911	1,930
Honolulu County	3,269	8,264,716	823,553	44,960
Aiea	140	311,300	35,589	2,539
Ewa Beach	17	34,770	3,766	194
Halawa	9	5,795	1,128	55
Honolulu	2,258	5,483,510	534,745	27,812
Kailua	104	227,863	27,505	1,758
Kaneohe	137	371,808	37,739	2,171
Laie	7	15,088	1,857	136
Maunawili	7	6,186	559	34
Mililani Town	50	176,798	19,549	1,181
Nanakuli	12	27,729	2,325	148
Pearl City	50	239,662	18,809	1,062
Wahiawa	43	85,223	9,703	500
Waialua	12	4,635	591	63
Waianae	23	67,704	7,621	427
Waimalu	84	251,665	27,022	1,259
Waimanalo	11	12,513	1,361	86
Waipahu	119	378,262	39,561	1,908
Kauai County	326	510,684	59,002	3,427
Kalaheo	10	8,415	900	70
Kapaa	86	106,699	12,065	712
Lihue	102	238,693	27,520	1,490
Maui County	805	1,359,298	150,721	8,244
Haiku-Pauwela	7	4,325	483	30

Continued on next page.

Table 23.05-- RETAIL ESTABLISHMENTS (NAICS 44-45) WITH PAYROLL, FOR COUNTIES AND SELECTED URBAN PLACES: 1997 -- Con.

Geographic area	Number of establishments	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12
Maui County - Con.				
Island of Lanai	7	7,656	1,098	55
Island of Molokai 1/	15	28,391	3,441	196
Kahului	203	583,649	59,310	3,405
Kihei	82	123,551	12,785	720
Lahaina	242	299,657	37,875	1,873
Makawao	24	10,241	1,389	108
Napili-Honokowai	9	12,195	1,173	62
Pukalani	10	35,689	3,756	197
Wailea-Makena	22	20,371	2,487	162
Wailuku	64	107,198	12,027	604

1/ Sales, payroll, and paid employees are for the 14 retail establishments in Kaunakakai.

Source: U.S. Bureau of the Census, *1997 Economic Census, Retail Trade, Hawaii*, EC97R44A-HI (November 1999); table 1,3, and 4.

Table 23.06-- RETAIL ESTABLISHMENTS (NAICS 44-45) WITH PAYROLL, BY KIND OF BUSINESS: 1997

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

NAICS code	Kind of business	Number of establishments	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees 1/
44-45	Retail trade	5,088	11,317,752	1,161,805	64,218
441	Motor vehicle and parts dealers	313	1,761,391	167,121	5,739
442	Furniture and home furnishing stores	194	194,421	29,622	1,393
443	Electronics and appliance stores	168	236,489	24,169	1,345
444	Building material, garden equipment	278	676,787	78,874	3,127
445	Food and beverage stores	699	1,989,435	210,465	12,269
446	Health and personal care stores	309	764,851	88,198	3,866
447	Gasoline stations	360	728,210	56,679	3,884
448	Clothing and accessory stores	1,389	1,751,735	192,240	11,409
451	Sporting goods, hobby, book, and music stores	369	376,741	44,730	3,254
452	General merchandise stores	136	2,273,713	185,352	12,586
453	Miscellaneous store retailers	764	468,002	68,703	4,706
454	Nonstore retailers	109	95,977	15,652	640

1/ For pay period including March 12.

Source: U.S. Bureau of the Census, *1997 Economic Census, Retail Trade, Hawaii*, EC97R44A-HI (November 1999), table 1.

**Table 23.07-- PRIVATE INDUSTRY RETAIL EMPLOYMENT AND WAGES,
ANNUAL AVERAGES: 2002**

[Statistics based on the North American Industry Classification System (NAICS) which replaced
the Standard Industrial Classification (SIC) system]

NAICS code	Retail trade	No. of establishments	Average employment	Total wages (\$1,000)	Average wage
	Total	4,855	64,333	1,463,868	22,754
4411	Automobile dealers	96	4,236	194,983	46,031
441221	Motorcycle dealers	19	258	8,262	31,983
44131	Automotive parts and accessories stores	167	1,384	31,841	23,015
4421	Furniture stores	82	663	20,310	30,622
44221	Floor covering stores	39	397	13,103	32,998
442291	Window treatment stores	15	45	1,020	22,746
442299	All other home furnishing stores	53	386	7,422	19,249
443111	Household appliance stores	41	240	7,258	30,202
443112	Radio, TV, and other electronics stores	85	645	16,320	25,295
44411	Home centers	40	1,620	40,694	25,116
44412	Paint and wallpaper stores	12	123	4,516	36,669
44413	Hardware stores	57	1,019	23,774	23,329
44419	Other building material dealers	89	891	35,601	39,945
44421	Outdoor power equipment stores	7	29	713	24,250
44422	Nursery, garden, and farm supply stores	22	243	5,429	22,335
44511	Supermarkets and other grocery stores	242	9,111	194,470	21,345
44512	Convenience stores	121	1,389	20,957	15,086
44521	Meat markets	33	206	3,602	17,509
44522	Fish and seafood markets	44	523	11,064	21,142
44523	Fruit and vegetable markets	36	246	5,200	21,101
445291	Baked goods stores	26	154	4,086	26,588
445292	Confectionery and nut stores	37	321	5,301	16,532
445299	All other specialty food stores	70	741	12,208	16,475
4453	Beer, wine, and liquor stores	53	197	3,287	16,722
44611	Pharmacies and drug stores	161	3,628	100,890	27,809
44612	Cosmetic and beauty supply stores	49	390	9,288	23,836
44613	Optical goods stores	42	353	7,671	21,731
446191	Food, health, supplement stores	42	240	4,304	17,972
446199	All other health and personal care stores	31	190	6,138	32,232
44711	Gasoline stations with convenience stores	187	2,244	37,197	16,580
44719	Other gasoline stations	76	685	11,926	17,417
44811	Men's clothing stores	73	705	13,020	18,461
44812	Women's clothing stores	209	1,898	35,553	18,731
44813	Children's and infant's clothing stores	15	131	1,516	11,612
44814	Family clothing stores	97	1,690	27,935	16,534

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**Table 23.07-- PRIVATE INDUSTRY RETAIL EMPLOYMENT AND WAGES,
ANNUAL AVERAGES: 2002 - Con.**

NAICS code	Retail trade	No. of establishments	Average employment	Total wages (\$1,000)	Average wage
44815	Clothing accessories stores	75	446	10,880	24,390
44819	Other clothing stores	184	1,136	16,704	14,701
4482	Shoe stores	110	958	18,791	19,622
44831	Jewelry stores	356	1,840	45,723	24,854
44832	Luggage and leather goods stores	27	325	9,190	28,256
45111	Sporting goods stores	178	1,165	21,904	18,808
45112	Hobby, toy, and game stores	42	526	6,648	12,638
45113	Sewing, needlework, and piece goods stores	20	138	2,665	19,279
45114	Musical instrument and supplies stores	22	112	2,187	19,510
45121	Book stores and news dealers	60	902	15,079	16,721
45122	Prerecorded tape, CD, and record stores	44	325	5,974	18,364
452111	Department stores, except discount	25	4,498	77,318	17,189
452112	Discount department stores	25	4,220	76,208	18,059
45291	Warehouse clubs and supercenters	9	1,860	53,138	28,569
45299	All other general merchandise stores	80	788	11,612	14,740
4531	Florists	115	583	8,177	14,038
45321	Office supplies and stationery stores	72	859	18,826	21,918
45322	Gift, novelty, and souvenir stores	400	3,205	57,747	18,018
4533	Used merchandise stores	55	365	6,225	17,074
45391	Pet and pet supplies stores	33	274	4,259	15,525
45392	Art dealers	122	562	15,580	27,702
45399	All other miscellaneous store retailers	119	557	9,508	17,080
45411	Electronic shopping and mail-order houses	38	65	1,882	29,071
4542	Vending machine operators	19	56	884	15,902
4543	Direct selling establishments	40	147	4,332	29,500

Source: U.S. Department of Labor, *Employment and Wages Annual Averages* (annual).

**Table 23.08-- RETAIL TRADE AND FOOD SERVICES SALES, BY
TYPE OF STORE: 2001**

[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 no longer included in retail trade]

Kind of store	NAICS code	2001
All retail stores 1/ Total Retail sales and food and drink	NAICS 44, 45	12,308 14,505
Motor vehicle and parts dealers	441	2,289
Furniture and home furnishings	442	199
Electronics and appliances	443	201
Building and material supply	444	580
Food and beverage stores	445	2,337
Health and personal care	446	884
Gasoline service stations	447	915
Clothing and accessories	448	1,509
Sporting goods, hobby, book, & music stores	451	399
General merchandise	452	2,336
Miscellaneous store	453	563
Nonstore retailers	454	95
Food services & drinking establishments	722	2,198

1/ Includes other types of stores, not shown separately.

Source: Market Statistics (a division of Claritas Inc., Arlington VA), estimates cited in *Statistical Abstract of the United States: 2002*, pp. 642-643.

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: 2001 AND 2002

Subject	Hawaii		United States
	2001	2002	2002
Number of shopping centers	190	192	46,438
Retail sales (billions of dollars)	3.9	4.1	1,245.6
Adults shopping in centers (monthly in millions)	0.9	0.9	201.4
Employment in shopping centers (in thousands)	31.7	30.6	10,743.0
Sales tax revenues from shopping centers (in millions)	159.4	166.9	53,100.0

Source: International Council of Shopping Centers, 2003 State Card (Hawaii).

Table 23.11-- SHOPPING CENTER CHARACTERISTICS: 1999 TO 2002

Characteristic	1999	2000	2001	2002
Number	184	190	(NA)	(NA)
Gross leasable area (million square feet)	20	20	20	20
Retail sales (billions dollar)	4.6	5.1	5.3	5.7

NA Not available.

Source: *Statistical Abstract of the United States: 2003* (p. 672) and earlier editions.

Table 23.12-- CHARACTERISTICS OF EATING AND DRINKING PLACES: 1997

Subject	Full- service restaurants	Limited- service restaurants	Cafeterias	Drinking Places
Establishments in business at end of year	1,168	926	8	266
Sales, calendar year (million dollars)	1002.4	653.7	2.8	92.9
Seats, Dec. 31	98,059	28,190	453	16,278
Average cost per meal (establishments):				
Less than \$5.00	134	356	3	(X)
\$30.00 or more	54	-	-	(X)
Menu type or specialty (establishments):				
Italian	41	6	-	(X)
Mexican	29	46	-	(X)
Chinese	246	43	-	(X)
Other ethnic	408	153	-	(X)
Seafood	61	2	-	(X)
Steak	22	11	-	(X)
Pizza	50	258	-	(X)
Chicken	-	46	-	(X)
Hamburger	1	216	-	(X)
Sub shop	6	41	-	(X)
Other food specialty	15	38	-	(X)
American	328	111	8	(X)

X Not applicable.

Source: U.S. Census Bureau, *1997 Economic Census, Miscellaneous Subjects*, EC97R72S-SB(RV) (December 2000), pp. 25, 43, 53-54.

Table 23.13-- DUTY-FREE STORE REVENUES: 1985 TO 2003

[In dollars. These sales revenues are not included in the general excise and use tax base data cited elsewhere in this volume]

Year	Revenues	Year	Revenues
1985	180,126,919	1995	419,548,514
1986	270,891,959	1996	425,824,748
1987	369,788,429	1997	355,636,355
1988	445,072,755	1998	271,692,798
1989	451,185,041	1999	192,429,772
1990	413,932,037	2000	229,392,900
1991	378,587,469	2001	215,257,193
1992	421,953,644	2002	149,962,722
1993	397,322,968	2003	158,854,936
1994	413,417,555		

Source: DFS Hawaii, records; for 1995-2003 data Hawaii State Department of Transportation, Airport Division, records.

Table 23.14-- ALCOHOLIC BEVERAGE SALES, BY TYPE: 2001 TO 2003

[Fiscal year ended June 30]

Category	Wine gallons of 128 fluid ounces			Wholesale value, 2003 (dollars)
	2001	2002	2003	
All types	33,773,901	34,135,623	34,469,216	369,481,560
Distilled spirits	1,467,944	1,531,982	1,559,226	71,029,505
Sparkling wine	214,201	209,623	212,755	11,880,697
Still wine	2,824,342	2,848,250	2,944,684	89,844,501
Cooler beverage	229,674	792,722	756,113	7,063,522
Draft beer	1,976,106	2,189,750	2,237,682	11,528,455
Beer other than draft	27,061,634	26,563,296	26,758,756	178,134,880

Source: Hawaii State Department of Taxation, Tax Research and Planning, records.

**Table 23.15-- MERCHANDISE LINE SALES FOR RETAIL TRADE
IN HAWAII: 1997**

Merchandise line code	Kind of business and merchandise line	Number of establishments	Sales of specified merchandise line		
			Amount (\$1,000)	As percent of total sales of --	
				Establishments handling line	All establishments
	Retail trade	5,088	11,317,752	(X)	100.0
100	Groceries and other food items	1,298	1,910,787	40.1	16.9
120	Meals and snacks	430	119,935	6.0	1.1
140	Packaged alcoholic beverages	743	280,830	7.1	2.5
150	Cigars, cigarettes, and tobacco	976	193,535	4.3	1.7
160	Drugs, health aids, and beauty aids	1,035	776,494	14.7	6.9
180	Soaps, detergents, and household cleaners	547	95,687	2.7	0.8
190	Paper and related products	634	117,699	3.3	1.0
200	Men's wear	931	468,259	13.0	4.1
220	Women's, juniors', and misses' wear	1,113	936,203	24.7	8.3
240	Children's wear	511	139,497	6.9	1.2
260	Footwear	773	298,683	8.6	2.6
270	Sewing, knitting, and needlework goods	154	21,438	2.1	0.2
280	Curtains, draperies, and dry goods	185	63,319	3.9	0.6
300	Major household appliances	106	92,644	21.1	0.8
310	Small electric appliances	180	30,988	1.3	0.3
320	Televisions, video equipment, videotapes	217	67,820	5.4	0.6
330	Audio equipment, musical instruments and supplies	320	119,940	10.2	1.1
340	Furniture and sleep equipment	214	125,314	12.4	1.1
360	Floor coverings	94	60,348	14.3	0.5
370	Computer hardware, software, and supplies	112	124,338	28.2	1.1
380	Kitchenware and homefurnishings	609	132,298	3.7	1.2
400	Jewelry	1,056	498,437	12.6	4.4
420	Books	404	89,691	3.7	0.8
440	Photographic equipment and supplies	247	33,259	1.5	0.3
460	Toys, hobby goods, and games	453	116,057	3.8	1.0
490	Optical goods	278	45,595	5.0	0.4

Continued on next page.

**Table 23.15-- MERCHANDISE LINE SALES FOR RETAIL TRADE
IN HAWAII: 1997 -- Con.**

Merchandise line code	Kind of business and merchandise line	Number of establishments	Sales of specified merchandise line		
			Amount (\$1,000)	As percent of total sales of --	
				Establishments handling line	All establishments
500	Sporting goods	406	163,942	6.8	1.4
600	Hardware, tools, and plumbing and electrical supplies	385	294,216	9.2	2.6
620	Lawn and garden equipment	449	150,684	5.3	1.3
640	Lumber, millwork, building materials	168	204,318	46.0	1.8
670	Paint and related preservatives and supplies	153	71,393	12.9	0.6
690	Wallpaper	14	596	2.5	0.0
700	Cars, vans, trucks, and other powered vehicles	96	1,274,548	84.4	11.3
720	Automotive fuels	380	538,555	70.4	4.8
730	Automotive lubricants	590	39,541	1.2	0.3
740	Automotive tires, batteries, accessories	483	312,323	13.0	2.8
780	Household fuels	44	34,238	32.0	0.3
800	Pets, pet foods, and pet supplies	341	64,066	2.6	0.6
850	All other merchandise	1,749	699,275	12.5	6.2
9810	All other merchandise	754	193,773	6.2	1.7
9900	Nonmerchandise receipts	958	316,673	7.5	2.8

X Not applicable.

Source: U.S. Census Bureau, Economic Census 1997, extracted from American FactFinder from Census Bureau website, E9744L1.MBD: Retail Trade: Merchandise Lines by Kind of Business: 1997 (Table 1).

**Table 23.16-- WHOLESALE TRADE ESTABLISHMENTS AND SALES:
1939 TO 1997**

[Based on then-current definition]

Year	Number of establishments	Sales (\$1,000)	Year	Number of establishments	Sales (\$1,000)
1939	704	97,045	1972	1,336	1,538,429
1948	702	480,734	1977	1,569	2,571,489
1954	594	581,940	1982	1,737	4,084,369
1958	793	618,155	1987	1,998	5,362,490
1963	974	735,205	1992	2,202	8,001,621
1967	1,030	1,013,813	1997	1,872	7,147,462

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), table 1.

**Table 23.17-- CHARACTERISTICS OF WHOLESALE ESTABLISHMENTS
(NAICS 42), BY BROAD GEOGRAPHIC AREAS: 1997**

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

Subject	State total	Oahu	Neighbor Islands
Number of establishments	1,872	1,463	409
Sales (\$1,000)	7,147,462	6,079,891	1,067,571
Annual payroll (\$1,000)	575,955	486,975	88,980
First quarter payroll (\$1,000)	138,454	117,329	21,125
Paid employees for pay period including March 12 (number)	18,532	15,423	3,109
Operating expenses (\$1,000)	1,213,543	1,017,689	195,854
Inventories (\$1,000):			
Beginning of year	691,610	604,482	87,128
End of year	734,465	642,470	91,995

Source: U.S. Census Bureau, 1997 Economic Census, Wholesale Trade, Geographic Area Series, Hawaii, EC97W42A-HI(RV) (March 2000), table 1 and 5.

Table 23.18-- WHOLESALE TRADE (NAICS 42), BY TYPE OF OPERATION AND KIND OF BUSINESS: 1997

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

NAICS codes	Type of operation and kind of business	Number of establishments	Sales (\$1,000)	Annual payroll (\$1000)	Paid employees, pay period including March 12
42	Wholesale trade	1,872	7,147,462	575,955	18,532
	Type of operation:				
	Merchant wholesalers	1,606	5,088,686	473,494	15,934
	Manufacturers' sales branches and sales offices	108	1,369,799	80,676	1,829
	Agents, brokers, and commission merchants	158	688,977	21,785	769
	Kind of business:				
4211	Motor vehicles and motor vehicle parts and supplies	59	299,862	18,818	738
4212	Furniture and homefurnishings	60	112,853	11,496	415
4213	Lumber and other construction materials	53	175,511	14,784	405
4214	Professional and commercial equipment and supplies	152	549,838	76,398	1,840
4215	Metals and minerals, except petroleum	29	63,686	8,448	246
4216	Electrical goods	112	350,849	35,000	930
4217	Hardware, and plumbing and heating equipment and supplies	76	132,140	17,209	511
4218	Machinery, equipment, and supplies	141	271,903	42,255	1,220
4219	Miscellaneous durable goods	207	265,527	26,884	1,034
4221	Paper and paper products	76	274,118	28,497	923
4222	Drugs, drug proprietaries, and druggists' sundries	58	501,086	23,380	668
4223	Apparel, piece goods, and notions	156	284,985	24,818	1,006
4224	Groceries and related products	381	2,188,753	152,857	5,663
4225	Farm-product raw materials	9	11,733	1,182	70
4226	Chemicals and allied products	49	106,947	11,425	339
4227	Petroleum and petroleum products	43	898,052	22,372	518
4228	Beer, wine, and distilled alcoholic beverages	31	354,613	31,352	816
4229	Miscellaneous nondurable goods	180	305,006	28,780	1,190

Source: U.S. Census Bureau, *1997 Economic Census, Wholesale Trade, Geographic Area Series, Hawaii*, EC97W42A-HI(RV) (March 2000), table 1.

Table 23.19-- WHOLESALE TRADE (NAICS 42), FOR COUNTIES AND SPECIFIED PLACES: 1997

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

Geographic area	All wholesalers		Merchant wholesalers	
	Number of establishments	Sales (\$1,000)	Number of establishments	Sales (\$1,000)
State total	1,872	7,147,462	1,606	5,088,686
Hawaii County	179	457,317	156	367,182
Hilo	87	314,200	75	240,104
Kailua	34	60,574	32	(D)
Honolulu County	1,463	6,079,891	1,244	4,215,679
Aiea	70	293,347	60	229,327
Ewa Beach	11	352,507	7	(D)
Halawa	10	4,554	10	4,554
Honolulu	1,114	4,537,499	950	2,987,420
Kailua	26	58,412	17	27,758
Kaneohe	22	23,091	17	13,278
Mililani Town	14	37,540	12	(D)
Pearl City	37	176,063	33	(D)
Wahiawa	5	5,005	5	5,005
Waimalu	18	10,026	15	(D)
Waipahu	60	364,737	54	356,431
Kauai County	64	176,689	55	(D)
Lihue	35	112,582	29	(D)
Maui County	166	433,565	151	(D)
Island of Lanai	2	(D)	1	(D)
Kaunakakai	4	3,308	4	3,308
Makawao	7	4,816	6	(D)
Kahului	54	205,784	50	193,860
Kihei	10	15,910	10	15,910
Lahaina	9	6,009	8	(D)
Wailuku	45	126,858	42	(D)

D Withheld to avoid disclosing data for individual companies.

Source: U.S. Census Bureau, *1997 Economic Census, Wholesale Trade, Hawaii*, EC97W42A-HI(RV) (March 2000), table 5 and 7.

Table 23.20-- PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES ESTABLISHMENTS (NAICS 54) WITH PAYROLL AND SUBJECT TO FEDERAL INCOME TAX, FOR COUNTIES AND SELECTED URBAN PLACES: 1997

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

Geographic area	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	Paid employees, pay period including March 12
State total	2,480	1,574,036	606,466	15,743
Hawaii County	246	73,290	24,923	933
Hilo	124	35,648	13,798	573
Holualoa	5	709	170	10
Kailua	58	26,680	8,179	230
Kalaoa	3	494	185	8
Honolulu County	1,917	1,400,629	546,818	13,729
Aiea	30	12,612	5,296	170
Ewa Beach				
Halawa	6	1,782	534	15
Heeia	3	295	79	3
Honolulu	1,650	1,282,534	503,208	12,014
Kahaluu	6	1,060	150	19
Kailua	67	20,399	7,785	202
Kaneohe	25	7,596	2,615	97
Maunawili	6	2,372	578	38
Mililani Town	14	11,120	5,733	87
Pearl City	12	6,418	2,596	91
Wahiawa	8	1,439	517	26
Waimalu	22	12,334	6,077	380
Waipahu	15	3,675	1,354	49
Kauai County	90	24,952	8,994	327
Kalaheo	5	454	143	10
Kapaa	12	2,599	956	56
Lihue	39	10,849	4,463	149
Maui County	227	75,165	25,731	754
Haiku-Pauwela	8	545	115	3
Kahului	27	10,423	3,277	78
Kihei	31	6,994	2,059	89
Lahaina	14	3,444	1,118	42

Continued on next page.

**Table 23.20-- PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES
ESTABLISHMENTS (NAICS 54) WITH PAYROLL AND SUBJECT TO
FEDERAL INCOME TAX, FOR COUNTIES AND SELECTED URBAN
PLACES: 1997 - Con.**

Geographic area	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	Paid employees, pay period including March 12
Maui County - Con.				
Makawao	7	1,387	622	24
Pukalani	9	1,733	700	24
Wailea-Makena	11	1,211	317	12
Wailuku	96	45,325	16,527	447

Source: U.S. Census Bureau, *1997 Economic Census, Professional, Scientific, and Technical Services, Geographic Area Series*, EC97S54A-HI (August 1999), table 1a, 3, and 4.

Table 23.21-- ADMINISTRATIVE AND SUPPORT AND WASTE MANAGEMENT AND REMEDIATION SERVICES ESTABLISHMENTS (NAICS 56) WITH PAYROLL AND SUBJECT TO FEDERAL INCOME TAX, FOR COUNTIES AND SELECTED URBAN PLACES: 1997

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

Geographic area	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	Paid employees, pay period including March 12
State total	1,541	1,519,140	638,465	32,488
Hawaii County	154	87,034	46,908	2,813
Hilo	54	24,379	12,379	1,111
Holualoa	6	1,590	488	28
Kailua	52	45,446	30,497	1,483
Honolulu County	1,126	1,316,348	549,216	27,170
Ahuimanu	4	464	173	16
Aiea	32	21,868	9,945	689
Ewa Beach	8	3,022	1,627	54
Halawa	6	924	240	21
Honolulu	872	1,123,068	490,859	24,122
Kailua	26	5,642	2,312	113
Kaneohe	29	5,754	2,234	113
Mililani Town	13	2,381	782	94
Pearl City	22	11,901	4,330	271
Wahiawa	9	2,720	614	29
Waianae	7	1,248	604	38
Waimalu	18	10,603	4,726	309
Waipahu	17	6,160	2,397	154
Waipio	3	453	251	18
Kauai County	67	25,822	8,123	483
Kapaa	7	1,310	159	6
Lihue	32	13,822	4,782	320
Maui County	194	89,936	34,218	2,022
Haiku-Pauwela	4	794	217	15
Kahului	34	26,652	10,895	800
Kihei	28	5,649	2,171	107
Lahaina	30	17,525	6,288	363
Makawao	4	417	77	4
Napili-Honokowai	3	258	161	6

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Table 23.21-- ADMINISTRATIVE AND SUPPORT AND WASTE MANAGEMENT AND REMEDIATION SERVICES ESTABLISHMENTS (NAICS 56) WITH PAYROLL AND SUBJECT TO FEDERAL INCOME TAX, FOR COUNTIES AND SELECTED URBAN PLACES: 1997 - Con.

Geographic area	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	Paid employees, pay period including March 12
Maui County - Con.				
Pukalani	5	849	361	13
Wailea-Makena	14	6,804	3,965	170
Wailuku	40	17,948	6,278	302

Source: U.S. Census Bureau, *1997 Economic Census, Administrative and Support and Waste Management and Remediation Services, Geographic Area Series*, EC97S56A-HI (September 1999), table 1, 3, and 4.

**Table 23.22-- EDUCATIONAL SERVICES ESTABLISHMENTS (NAICS 61)
WITH PAYROLL AND SUBJECT TO FEDERAL INCOME TAX, FOR
COUNTIES AND SELECTED URBAN PLACES: 1997**

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

Geographic area	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	Paid employees, pay period including March 12
State total	209	52,837	18,679	1,214
Hawaii County	21	5,012	1,513	104
Hilo	8	1,472	423	41
Kailua	5	1,828	520	44
Honolulu County	149	42,009	15,778	994
Aiea	6	2,674	883	57
Honolulu	101	31,857	12,784	703
Kailua	4	550	263	25
Kaneohe	4	348	92	8
Mililani Town	3	518	124	24
Pearl City	5	295	95	17
Waimalu	6	1,074	341	27
Kauai County	6	957	161	25
Maui County	33	4,859	1,227	91
Kahului	7	952	172	15
Kihei	5	742	272	8
Lahaina	5	707	121	9
Wailuku	7	830	152	17

Source: U.S. Census Bureau, *1997 Economic Census, Educational Services, Geographic Area Series*, EC97S61A-HI (August 1999), table 1a, 3, and 4.

**Table 23.23-- ARTS, ENTERTAINMENT, AND RECREATION ESTABLISHMENTS
(NAICS 71) WITH PAYROLL AND SUBJECT TO FEDERAL INCOME TAX,
FOR COUNTIES AND SELECTED URBAN PLACES: 1997**

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

Geographic area	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	Paid employees, pay period including March 12
State total	386	409,640	116,600	6,925
Hawaii County	45	34,417	10,689	653
Hilo	11	4,186	1,023	129
Kailua	12	6,231	1,920	123
Honolulu County	234	273,565	79,051	4,915
Aiea	6	8,497	2,769	169
Honolulu	159	143,529	43,151	2,592
Kailua	9	11,847	3,367	248
Kaneohe	6	4,138	1,353	72
Mililani Town	3	6,807	2,183	149
Pearl City	5	2,174	600	37
Waimalu	9	11,236	2,990	208
Kauai County	27	23,514	6,721	412
Kapaa	5	2,244	618	75
Lihue	11	9,852	2,773	181
Maui County	80	78,144	20,139	945
Kahului	6	3,359	931	61
Kihei	18	11,712	3,505	186
Lahaina	21	35,398	8,327	260

Source: U.S. Census Bureau, *1997 Economic Census, Arts, Entertainment, and Recreation, Geographic Area Series*, EC97S71A-HI (August 1999), table 1a, 3, and 4.

**Table 23.24-- OTHER SERVICES (EXCEPT PUBLIC ADMINISTRATION)
ESTABLISHMENTS (NAICS 81) WITH PAYROLL AND SUBJECT
TO FEDERAL INCOME TAX, FOR COUNTIES AND SELECTED
URBAN PLACES: 1997**

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

Geographic area	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	Paid employees, pay period including March 12
State total	1,476	683,196	206,420	10,375
Hawaii County	157	50,292	14,470	808
Hilo	76	28,639	8,871	476
Kailua	46	16,819	4,580	243
Honolulu County	1,097	560,782	170,662	8,402
Aiea	50	24,266	7,058	304
Ewa Beach	6	5,025	1,245	41
Halawa	5	691	208	13
Honolulu	748	395,504	116,973	5,786
Kailua	36	13,259	4,662	229
Kaneohe	55	37,045	12,219	729
Laie	3	759	203	18
Mililani Town	18	3,644	1,200	91
Pearl City	27	15,574	4,565	197
Wahiawa	24	12,425	4,270	196
Waianae	7	789	245	24
Waimalu	28	13,541	4,311	220
Waipahu	55	22,879	7,413	291
Kauai County	59	17,942	5,101	281
Kapaa	8	1,602	442	31
Lihue	25	8,214	2,505	98
Maui County	163	54,180	16,187	884
Island of Lanai	1	(D)	(D)	(a)
Haiku-Pauwela	4	960	178	11
Kahului	35	18,293	6,323	341
Kihei	18	3,952	1,099	52
Lahaina	19	4,539	1,212	65
Pukalani	8	1,051	213	14
Wailea-Makena	8	1,856	537	28
Wailuku	46	18,164	5,686	321

Continued on next page.

**Table 23.24-- OTHER SERVICES (EXCEPT PUBLIC ADMINISTRATION)
ESTABLISHMENTS (NAICS 81) WITH PAYROLL AND SUBJECT
TO FEDERAL INCOME TAX, FOR COUNTIES AND SELECTED
URBAN PLACES: 1997 - Con.**

a 0 to 19 employees.

D Withheld to avoid disclosing data for individual companies.

Source: U.S. Census Bureau, *1997 Economic Census, Other Services (Except Public Administration), Geographic Area Series*, EC97S81A-HI (December 1999), table 1a, 3, and 4.

Table 23.25-- PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES ESTABLISHMENTS (NAICS 54) WITH PAYROLL, BY KIND OF BUSINESS OR OPERATION: 1997

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

NAICS code	Kind of business or operation	Establishments (number)	Receipts/Revenues (\$1,000)	Annual payroll (\$1,000)	Paid employees, pay period including March 12
	Firms Subject to Federal Income Tax				
54	Professional, scientific, and technical services	2,480	1,574,036	606,466	15,743
541	Professional, scientific, and technical services	2,480	1,574,036	606,466	15,743
5411	Legal services	786	530,852	213,614	4,325
5412	Accounting, tax return prep, bookkeeping, and payroll services	467	212,380	82,032	3,155
5413	Architectural, engineering, and related services	498	426,024	168,162	3,735
5414	Specialized design services	88	35,232	7,711	263
5415	Computer systems design and related services	124	97,935	38,367	906
5416	Management, scientific, and technical consulting services	240	97,727	32,117	980
5417	Scientific research and development services	18	42,455	21,047	274
5418	Advertising and related services	135	78,571	28,015	811
5419	Other professional, scientific, and technical services	124	52,860	15,401	1,294
	Firms Exempt from Federal Income Tax				
54	Professional, scientific, and technical services	43	88,140	21,507	472
541	Professional, scientific, and technical services	43	88,140	21,507	472
5411	Legal services	18	6,396	3,688	106
5417	Scientific research and development services	25	81,744	17,819	366

Source: U.S. Census Bureau, *1997 Economic Census, Professional, Scientific, and Technical Services, Geographic Area Series*, EC97S54A-HI (August 1999), table 1a and 1b.

Table 23.26-- ADMINISTRATIVE AND SUPPORT AND WASTE MANAGEMENT AND REMEDIATION SERVICES ESTABLISHMENTS (NAICS 56) WITH PAYROLL AND SUBJECT TO FEDERAL INCOME TAX, BY KIND OF BUSINESS OR OPERATION: 1997

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

NAICS code	Kind of business or operation	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	Paid employees, pay period including March 12
56	Administrative and support and waste management and remediation services	1,541	1,519,140	638,465	32,488
561	Administrative and support services	1,458	1,345,293	599,457	31,406
5611	Office administrative services	109	95,460	45,720	1,568
5612	Facilities support services	7	16,344	8,736	234
5613	Employment services	81	191,650	137,072	8,565
5614	Business support services	123	280,769	105,585	4,062
5615	Travel arrangement and reservation services	597	444,280	149,582	6,106
5616	Investigation and security services	101	120,246	71,232	5,182
5617	Services to buildings and dwellings	353	157,144	69,301	4,648
5619	Other support services	87	39,400	12,229	1,041
562	Waste management and remediation services	83	173,847	39,008	1,082
5621	Waste collection	28	78,917	15,910	476
5622	Waste treatment and disposal	15	26,958	3,734	160
5629	Remediation and other waste management services	40	67,972	19,364	446

Source: U.S. Census Bureau, *1997 Economic Census, Administrative and Support and Waste Management and Remediation Services, Geographic Area Series*, EC97S56A-HI (September 1999), table 1.

**Table 23.27-- EDUCATIONAL SERVICES ESTABLISHMENTS (NAICS 61)
WITH PAYROLL, BY KIND OF BUSINESS OR OPERATION: 1997**

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

NAICS code	Kind of business or operation	Establishments (number)	Receipts/Revenues (\$1,000)	Annual payroll (\$1,000)	Paid employees, pay period including March 12
	Firms Subject to Federal Income Tax				
61	Educational services	209	52,837	18,679	1,214
611	Educational services	209	52,837	18,679	1,214
6114	Business schools, and computer and management training	22	7,170	4,137	166
6115	Technical and trade schools	19	7,313	2,179	137
6116	Other schools and instruction	157	35,904	11,390	880
6117	Educational support services	11	2,450	973	31
	Firms Exempt from Federal Income Tax				
61	Educational services	68	22,849	7,417	396
611	Educational services	68	22,849	7,417	396
6114	Business schools, and computer and management training	5	1,517	549	23
6115	Technical and trade schools	10	6,269	1,611	47
6116	Other schools and instruction	46	8,290	3,397	260
6117	Educational support services	7	6,773	1,860	66

Source: U.S. Census Bureau, *1997 Economic Census, Education Services, Geographic Area Series*, EC97S61A-HI (August 1999), table 1a and 1b.

**Table 23.28-- ARTS, ENTERTAINMENT, AND RECREATION ESTABLISHMENTS
(NAICS 71) WITH PAYROLL, BY KIND OF BUSINESS OR OPERATION: 1997**

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

NAICS code	Kind of business or operation	Establishments (number)	Receipts/Revenues (\$1,000)	Annual payroll (\$1,000)	Paid employees, pay period including March 12
	Firms Subject to Federal Income Tax				
71	Arts, entertainment, and recreation	386	409,640	116,600	6,925
711	Performing arts, spectator sports, and related industries	107	94,597	25,505	1,528
7111	Performing arts companies	49	66,471	18,733	1,197
7112	Spectator sports	4	1,259	890	22
7113	Promoters of performing arts, sports, and similar events	13	14,804	1,765	129
7114	Agents/managers for artist, athletes, and other public figures	14	6,342	1,829	121
7115	Independent artists, writers, and performers	27	5,721	2,288	59
712	Museums, historical sites, and similar institutions	11	4,640	1,216	114
7121	Museums, historical sites, and similar institutions	11	4,640	1,216	114
713	Amusement, gambling, and recreation industries	268	310,403	89,879	5,283
7131	Amusement parks and arcades	34	36,131	7,513	488
7139	Other amusement and recreation services	234	274,272	82,366	4,795
	Firms Exempt from Federal Income Tax				
71	Arts, entertainment, and recreation	84	136,795	46,036	2,806
711	Performing arts, spectator sports, and related industries	20	15,003	5,478	300
7111	Performing arts companies	17	13,319	5,121	273
7113	Promoters of performing arts, sports, and similar events	3	1,684	357	27

Continued on next page.

**Table 23.28-- ARTS, ENTERTAINMENT, AND RECREATION
ESTABLISHMENTS (NAICS 71) WITH PAYROLL, BY KIND
OF BUSINESS OR OPERATION: 1997 - Con.**

NAICS code	Kind of business or operation	Establish- ments (number)	Receipts/ Revenues (\$1,000)	Annual payroll (\$1,000)	Paid employees, pay period including March 12
712	Museums, historical sites, and similar institutions	39	87,388	29,861	1,881
7121	Museums, historical sites, and similar institutions	39	87,388	29,861	1,881
713	Amusement, gambling, and recreation industries	25	34,404	10,697	625
7139	Other amusement and recreation services	25	34,404	10,697	625

Source: U.S. Census Bureau, *1997 Economic Census, Arts, Entertainment, and Recreation, Geographic Area Series*, EC97S71A-HI (August 1999), table 1a and 1b.

**Table 23.29-- OTHER SERVICES (EXCEPT PUBLIC ADMINISTRATION)
ESTABLISHMENTS (NAICS 81) WITH PAYROLL, BY KIND OF
BUSINESS OR OPERATION: 1997**

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

NAICS code	Kind of business or operation	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	Paid employees, pay period including March 12
	Firms Subject to Federal Income Tax				
81	Other services (except public admin.)	1,476	683,196	206,420	10,375
811	Repair and maintenance	710	352,182	101,332	3,941
8111	Automotive repair and maintenance	461	224,739	62,749	2,608
8112	Electronic and precision equipment repair and maintenance	61	20,854	5,453	213
8113	Commercial and industrial machinery and equipment repair and maintenance	74	51,598	15,190	455
8114	Personal and household goods repair and maintenance	114	54,991	17,940	665
812	Personal and laundry services	766	331,014	105,088	6,434
8121	Personal care services	382	66,763	27,338	1,946
8122	Death care services	37	60,232	19,835	898
8123	Drycleaning and laundry services	93	87,468	31,554	2,042
8129	Other personal services	254	116,551	26,361	1,548
	Firms Exempt from Federal Income Tax				
81	Other services (except public admin.)	1,135	657,578	137,517	7,096
813	Religious/grantmaking/civic/professional and similar organization	1,135	657,578	137,517	7,096
8132	Grantmaking and giving services	52	117,512	11,253	476
8133	Social advocacy organizations	48	51,627	14,613	566
8134	Civic and social organizations	73	35,716	14,834	1,226
8139	Business/professional/labor/political/and similar organizations	962	452,723	96,817	4,828

Source: U.S. Census Bureau, *1997 Economic Census, Other Services (Except Public Administration), Geographic Area Series, EC97S81A-HI* (December 1999), table 1a and 1b.

**Table 23.30-- TRAVEL ARRANGEMENT AND RESERVATION SERVICES
(NAICS 5615): 1997**

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

NAICS code	Kind of business	Establishments	Revenue (\$1,000)	Annual payroll (\$1,000)	Paid employees, Mar. 12
5615	All establishments	597	444,280	149,582	6,106
56151	Travel agencies	362	201,872	70,943	2,845
56152	Tour operators	180	151,139	61,289	2,440
56159	Other travel arrangement & reservation services 1/	55	91,269	17,350	821

1/ Includes convention & visitors bureaus (13 establishments). Excludes convention and trade show organizers (NAICS 56192; 22 establishments).

Source: U.S. Bureau of the Census, *1997 Economic Census, Administrative and Support and Waste Management and Remediation Services, Hawaii* (Sept. 1999), table 1.

Table 23.31-- ACCOMMODATION AND FOODSERVICES (NAICS 72), FOR COUNTIES AND SPECIFIED PLACES: 1997

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

Geographic area	Number of establishments	Sales (\$1,000)	Annual payroll (\$1000)	Paid employees for pay period including March 12 (number)
State total	3,081	5,007,899	1,507,538	88,083
Hawaii County	326	546,576	188,103	10,441
Hilo	116	64,725	18,517	1,881
Kailua	91	98,669	34,903	2,220
Honolulu County	2,125	3,036,837	852,782	53,916
Aiea	81	38,136	10,147	995
Ewa Beach	16	10,308	2,578	254
Halawa	10	5,636	1,247	129
Honolulu	1,503	2,603,981	733,432	42,549
Kaneohe	60	36,854	9,527	1,009
Laie	7	4,837	1,232	139
Nanakuli	4	3,327	764	96
Pearl City	42	27,917	7,201	734
Wahiawa	43	23,650	6,296	639
Waimalu	43	39,766	10,181	884
Waimanalo Beach	4	1,758	447	53
Waipahu	77	48,675	12,569	1,287
Kauai County	210	293,784	102,273	5,775
Kapaa	47	43,520	15,087	1,045
Lihue	62	81,036	34,892	1,824
Maui County	420	1,130,702	364,380	17,951
Island of Lanai	2	(D)	(D)	(b)
Island of Molokai	4	3,922	1,540	143
Haiku-Pauwela	3	932	199	28
Kahului	63	56,199	15,285	1,162
Kihei	74	82,830	27,889	1,639
Lahaina	100	218,043	60,212	3,514
Napili-Honokowai	22	76,654	21,087	1,123
Pukalani	10	4,534	1,083	129
Wailea-Makena	19	209,787	66,079	2,725

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**Table 23.31-- ACCOMMODATION AND FOODSERVICES (NAICS 72), FOR
COUNTIES AND SPECIFIED PLACES: 1997 - Con.**

D Withheld to avoid disclosing data for individual companies.

b 20-99 employees.

Source: U.S. Census Bureau, *1997 Economic Census, Accommodation and Foodservices, Geographic Area Series, Hawaii*, EC97R72A-HI, (October 1999), table 3 and 4.

Table 23.32-- ACCOMMODATION AND FOODSERVICES (NAICS 72): 1997

[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. Therefore, comparability between the 1992 and the 1997 data may be limited. Apparently excludes condominium units in rental pools for transient use]

NAICS codes	Subject	Number of establishments	Receipts (\$1,000)	Annual payroll (\$1,000)	Paid employees, pay period including March 12
72	Acommodation and foodservices	3,081	5,007,899	1,507,538	88,083
721	Accommodation	309	3,026,903	952,423	40,105
7211	Traveler accommodation	294	3,024,571	951,821	40,064
72111	Hotels	280	3,020,867	950,983	39,990
7211101	25 guestrooms or more	241	3,009,173	948,715	39,823
7211102	Less than 25 guestrooms	23	6,854	1,412	90
7211103	Motels	16	4,840	856	77
72119	Other traveler accommodation 1/	14	3,704	838	74
7212	RV parks and recreational camps	6	603	171	12
7213	Rooming and boarding houses	9	1,729	431	29
722	Foodservices and drinking places	2,772	1,980,996	555,115	47,978
7221	Full-service restaurants	1,207	1,002,421	309,458	25,170
7222	Limited-service eating places	1,185	723,521	178,691	17,988
7223	Special foodservices	96	162,149	46,009	2,846
72231	Foodservice contractors	51	142,848	40,228	2,267
72232	Caterers	22	12,597	4,173	447
72233	Mobile foodservices	23	6,704	1,608	132
7224	Drinking Places	284	92,905	20,957	1,974

1/ Includes Bed & breakfast inns and all other traveler accommodations.

Source: U.S. Census Bureau, *1997 Economic Census, Accommodation and Foodservices, Hawaii*, EC97R72A-HI (October 1999), table 1.

**Table 23.33-- MERCHANDISE LINE SALES FOR ACCOMMODATION AND
FOODSERVICE IN HAWAII: 1997**

Merchan- dise line code	Kind of business and merchandise line	Number of establish- ments	Sales of specified merchandise line		
			Amount (\$1,000)	As percent of total sales of --	
				Establish- ments handling line	All establish- ments
	Accommodation and foodservices	3,081	5,007,899	(X)	100.0
10	Guestroom or unit rentals	312	2,054,776	67.7	41.0
20	Camp tuition or fee	9	693	4.5	(Z)
30	Telephone service charges	184	42,031	1.6	0.8
40	Gaming receipts	24	148	2.5	(Z)
50	Rental of public rooms	69	17,012	1.2	0.3
60	Membership dues and fees	15	764	0.3	(Z)
100	Groceries and other food items	169	14,024	6.8	0.3
120	Meals and snacks	2,747	2,224,058	48.0	44.4
130	Alcoholic drinks	1,131	344,730	11.1	6.9
140	Packaged alcoholic beverages	44	19,419	6.2	0.4
150	Cigars, cigarettes, and tobacco	74	1,272	0.3	(Z)
9810	All other merchandise	259	80,400	5.4	1.6
9980	Nonmerchandise receipts	374	208,572	7.1	4.2

X Not applicable.

Z Less than 0.05 percent.

Source: U.S. Census Bureau, Economic Census 1997, extracted from American FactFinder from Census Bureau website, E9772L1.MBD: Accommodation and Food services: Merchandise Lines by Kind of Business: 1997 (Table 1).

Table 23.34-- VISITOR ACCOMMODATIONS, BY COUNTIES: 1966 TO 2003

[Number of units]

Year	State total	City & County of Honolulu	Hawaii County	Kauai County	Maui County
1966	14,827	11,083	1,387	860	1,497
1967	17,217	12,598	1,790	1,115	1,714
1968	18,657	13,166	2,188	1,260	2,043
1969	22,801	15,992	2,480	1,914	2,415
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	70,977	35,664	9,478	7,257	18,578

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 2003

[Timeshare units are included in both the hotels and condominiums counts]

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:	1,057	837	220	70,977	54,241	16,736

NA Not available.

1/ Hotels, apartment hotels, bed-and-breakfast, bungalows, cottages, hostels, and lodges. 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.

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 1999-2003.

**Table 23.36-- VISITOR ACCOMMODATIONS, BY TYPE AND BY ISLANDS:
2002 AND 2003**

[Timeshare units are included in both the hotels and condominiums counts]

Year and island	Properties			Units		
	Total	Hotels 1/	Condo- miniums 2/	Total	Hotels 1/	Condo- miniums 2/
2002						
State total	860	661	199	70,783	55,052	15,731
Oahu	193	166	27	36,457	33,015	3,442
Waikiki/Honolulu	114	89	25	31,717	28,386	3,331
Rest of Oahu	79	77	2	4,740	4,629	111
Other islands	667	495	172	34,326	22,037	12,289
Hawaii	171	143	28	9,297	7,412	1,885
Maui	242	140	102	17,404	9,856	7,548
Lanai	6	6	-	368	368	-
Molokai	10	6	4	220	119	101
Kauai	238	200	38	7,037	4,282	2,755
2003						
State total	1,057	837	220	70,977	54,241	16,736
Oahu	199	171	28	35,664	31,885	3,779
Waikiki/Honolulu	115	90	25	30,957	27,374	3,583
Rest of Oahu	84	81	3	4,707	4,511	196
Other islands	858	666	192	35,313	22,356	12,957
Hawaii	186	153	33	9,478	7,356	2,122
Maui	247	141	106	17,911	9,956	7,955
Lanai	6	6	-	368	368	-
Molokai	28	22	6	299	140	159
Kauai	391	344	47	7,257	4,536	2,721

1/ Hotels, apartment hotels, bed-and-breakfast, bungalows, cottages, hostels, and lodges. Properties with both condo and hotel units are included with condominiums.

2/ Condominium accommodations in rental pools for transient use. Includes condo/hotel units.

3/ Accommodation type grouped differently than in previous years.

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: 2003

[Timeshare units are included in both the hotels and condominiums counts]

Type of accommodation	Properties			Units		
	State total	Oahu	Other islands	State total	Oahu	Other islands
All types	1,057	199	858	70,977	35,664	35,313
Apartment-hotel	21	13	8	386	312	74
Bed and breakfast	130	14	116	533	54	479
Condominium hotel	220	28	192	16,736	3,779	12,957
Hotel	155	76	79	48,767	30,196	18,571
Other 1/	531	68	463	4,555	1,323	3,232

1/ Individual vacation unit, hostel, etc.

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 7211),
BY COUNTIES: 1996 TO 2001**

[Data refer to establishments with taxable payrolls. Excludes government and self-employed workers. Statistics based on the North American Industry Classification System (NAICS) which replaced the Standard Industrial Classification (SIC) system used in the County Business Patterns prior to 1998. Therefore, comparability between the current data and data prior to 1998 may be limited]

County	1996 1/	1997 1/	1998	1999	2000	2001
State total	282	291	298	295	273	265
Hawaii	41	41	48	48	47	50
Honolulu	137	138	133	130	122	120
Kauai	31	31	38	36	32	34
Maui	73	81	79	81	72	61

1/ County Business Patterns data from before 1998 reported in SIC (SIC 70) rather than NAICS.
Source: U.S. Bureau of the Census, *County Business Patterns, Hawaii* (annual report).

Table 23.39-- VISITOR ACCOMMODATIONS, BY NIGHTLY PRICE: 2003

Island and type of accommodation	Total	\$100 or less	\$101 to \$250	\$251 to \$500	Over \$500
Available Units	69,537	9,179	29,831	25,033	5,493
Island:					
Oahu	35,080	3,725	17,734	12,324	1,297
Hawaii	9,310	1,886	3,064	3,248	1,112
Kauai	7,154	1,070	3,101	2,320	663
Maui	17,390	2,400	5,828	6,924	2,238
Molokai	236	66	104	66	-
Lanai	368	7	10	174	177
Type of unit:					
Apartment/Hotel	378	302	76	-	-
Bed and breakfast	508	287	210	11	-
Condominium hotel	16,038	2,962	9,441	3,346	289
Hostel	352	352	-	-	-
Hotel	48,767	4,042	18,849	20,821	5,055
Individual vacation unit	1,815	802	699	173	141
Other	1,680	408	566	705	1

Note: Based on 991 properties for which information on the class of units was available. Because class of units was reported in terms of percentages, figures may not add up to total due to rounding.

Source: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *Visitor Plant Inventory* (annual).

**Table 23.40-- HOTEL ROOMS, OCCUPANCY RATES, AND DAILY ROOM
AND GUEST RATES: 1989 TO 2003**

[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)	4/ 75.8	4/ 109.39	2.05
1996	70,288	36,146	34,142	4/ 75.2	4/ 116.79	2.07
1997	71,025	35,971	35,054	4/ 73.9	4/ 124.96	2.08
1998	71,480	36,206	35,274	4/ 71.5	4/ 129.66	2.09
1999	71,157	35,861	35,296	4/ 72.1	4/ 131.66	2.09
2000	71,506	36,303	35,203	4/ 76.4	4/ 140.63	2.08
2001	72,204	36,824	35,380	4/ 69.2	4/ 144.88	2.05
2002	70,783	36,457	34,326	4/ 69.7	4/ 140.89	2.12
2003	70,977	35,664	35,313	72.5	144.44	2.09

NA Not available.

1/ February data through 1991; Spring 1992; June 1993; December 1994; and May 1996.

2/ Annual averages for hotels in PKF sample for 1989-1994, Smith Travel Research for 1995-2003.

3/ Annual averages for hotels in PKF sample.

4/ Due to a change in source, data have been 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 2003 Highlights)*.

**Table 23.41-- HOTEL ROOM OCCUPANCY AND ROOM RATES, BY
GEOGRAPHIC AREAS: 2003**

[Includes condominium units in rental pools for transient occupancy]

Geographic area	Percent occupied	Average daily room rate (dollars)	Average revenue per available room (dollars)
State total	72.5	144.44	104.78
Oahu	73.1	116.25	84.98
Waikiki	73.7	114.76	84.58
Other Oahu	68.3	128.71	87.91
Maui	74.2	186.96	138.72
Lahaina-Kaanapali-Kapalua	75.9	177.25	134.53
Other Maui	72.2	198.32	143.19
Hawaii	65.3	163.23	106.59
Kauai	76.1	152.91	116.36

Source: Smith Travel Research, Hospitality Advisors LLC, *Hawaii Hotel Flash Report*, (December/Year-end 2003 Highlight).

**Table 23.42-- GENERAL EXCISE TAX BASE FOR RENTALS:
1985 TO 2003**

[In \$1,000. Data are on a cash basis accounting]

Year reported 1/	Total	Hotel rentals	All other rentals 2/
1985	3,037,254	1,122,268	1,914,986
1986	3,278,450	1,212,782	2,065,668
1987	3,443,271	1,369,401	2,073,870
1988	3,715,546	1,408,891	2,306,655
1989	4,108,740	1,505,071	2,603,669
1990	4,401,733	1,572,994	2,828,739
1991	4,825,777	1,512,990	3,312,787
1992	5,013,293	1,621,751	3,391,542
1993	5,035,581	1,527,037	3,508,544
1994	5,358,587	1,666,406	3,692,182
1995	5,552,792	1,776,527	3,776,265
1996	5,859,454	2,057,800	3,801,655
1997	5,829,772	2,155,319	3,826,024
1998	5,904,196	2,147,217	3,756,979
1999	5,845,772	2,158,193	3,687,580
2000	6,305,325	2,419,287	3,886,038
2001	6,360,999	2,421,813	3,939,186
2002	6,184,616	2,227,341	3,957,275
2003	6,472,542	2,322,434	4,150,108

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).

Table 23.43-- COMPUTER AND SOFTWARE STORES AND SERVICES: 1997

[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. Therefore, comparability between the 1992 and the 1997 data may be limited]

Subject and year	Number of establishments	Receipts (\$1,000)	Annual payroll (\$1,000)	Paid employees, week inc. March 12
Wholesale trade: Computers and computer peripheral equipment and software (NAICS 42143)	32	150,565	24,786	453
Retail trade: Computer and software stores (NAICS 44312)	37	104,508	7,198	387
Services: Computer and office machine repairs and maintenance (NAICS 811212)	38	15,134	3,638	141
Computer systems design and related services (NAICS 5415)	124	97,935	38,367	906
Data processing services (NAICS 5142)	30	17,949	6,719	187
Software Publishers (NAICS 5112)	16	6,253	2,195	61

Source: U.S. Census Bureau, *1997 Economic Census, Retail Trade, Geographic Area Series, Hawaii*, EC97R44A-HI (November 1999); *1997 Economic Census, Wholesale Trade, Geographic Area Series, Hawaii*, EC97W42-HI (April 2000); *1997 Economic Census, Other Services (Except Public Administration), Geographic Area Series, Hawaii*, EC97S81A-HI (December 1999); *1997 Economic Census, Professional, Scientific and Technical Services, Geographic Area Series, Hawaii*, EC97S54A-HI (August 1999); *1997 Economic Census, Information, Geographic Area Series, Hawaii*, EC97S51A-HI (October 1999).

Table 23.44-- MOTION PICTURE SERVICES: 1977 TO 1997

[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. Therefore, comparability between the 1997 and earlier data may be limited. For 1963-1972 data, see Data Book 1990, table 699]

Subject and year	Number of establishments	Receipts (\$1,000)	Annual payroll (\$1,000)	Paid employees, week inc. March 12
Motion picture 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
Motion picture theaters (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
Video tape rental (NAICS 53223):				
1987	78	12,319	2,456	376
1992	78	26,909	5,252	545
1997	81	23,862	4,346	451

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).

**Table 23.45-- MOTION PICTURE AND TELEVISION PRODUCTION:
1998 TO 2002**

Subject	1998	1999	2000	2001	2002
Number of features and programs filmed 1/	12	10	13	22	15
Feature films for theater viewing	3	2	5	4	5
TV movie of the week, television episodic, specials	6	6	7	18	10
Hawaii-based TV network series	3	2	1	0	0
Expenditures in Hawaii (million dollars)	99.1	98.1	136.0	83.3	147.2
Commercials	5.8	8.6	7.5	6.7	5.7
Hawaii-based TV series	28.2	25.0	20.0	0	0
Feature films	12.6	6.0	51.5	12.2	76.6
TV specials/episodics/movie of week	10.7	12.2	10.3	7.8	16.3
Others (still photography, sports, exercise or music video, cable, misc.)	6.2	9.1	12.1	14.8	13.1
Documentaries/industrials/news/ educational/travelog/video stock	2.6	2.9	2.0	9.2	2.4
Annual permit holders	11.0	11.0	10.3	13.0	11.0
Private property projects 2/	15.0	15.0	15.0	15.0	15.0
Sports events, annual (private) 2/	7.0	7.0	7.0	7.0	7.0
Tax revenues generated (million dollars) 3/	12.7	11.7	16.5	10.7	18.6
Spending effect on economy (million dollars) /3	158.3	156.7	217.3	132.6	234.9

1/ For 1998, includes only nationally televised series.

2/ 1998-2000 Data has been correct from previous year Databook.

3/ Data has been revised from previous year Databook.

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 and cited in Section 18.

Comparable data for the nation as a whole appear in Section 28 of the *Statistical Abstract of the United States: 2003*. Long-term island trends are summarized in *Historical Statistics of Hawaii*, Section 21.

**Table 24.01-- FOREIGN TRADE THROUGH THE HAWAII
CUSTOMS DISTRICT: 1984 TO 2003**

[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	(NA)	(NA)	(NA)	369.9	319.1
2002	(NA)	(NA)	(NA)	513.7	(NA)
2003	(NA)	(NA)	(NA)	368.2	(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. These data are distributed in a slightly modified form by the Massachusetts Institute for Social and Economic Research (MISER).

4/ Not available before 1993. This relatively new methodology is based on "Location of Exporter" which tracks the sales origin of exports and is best suited for export promotion or marketing purposes.

Source: U.S. Census Bureau, *Highlights of U.S. Export and Import Trade*, FT990, cumulative totals in December issues, 1984-2002; *U.S. Merchandise Trade: Selected Highlights*, FT920, December 1989 to 2001; *U.S. Merchandise Trade*, FT900 Supplement, December 1989 to 2001; U.S. Census Bureau, *Statistical Abstract of the United States* (annual) and records. U.S. Department of Commerce, International Trade Administration, "State Exports to Countries and Regions", 1993-01, <<http://www.ita.doc.gov/td/industry/otea/state/>> accessed July 18, 2003; and "State Merchandise Export Totals to the World, 1999-2002" <http://ese.export.gov/ITA2002/Intro_NEW.htm> accessed September 17, 2003 and Ibid, "2000-2003 " <<http://www.census.gov/foreign-trade/statistics/state/hs/2003/hi.pdf>> accessed June 18, 2004.

**Table 24.02-- FOREIGN TRADE THROUGH THE HAWAII
CUSTOMS DISTRICT, BY CLASSIFICATION: 1999 TO 2003**

[In millions of dollars]

Classification	1999	2000	2001	2002	2003
General imports by district of entry:					
Customs value 1/	2,598.7	3,439.9	(NA)	(NA)	(NA)
C.i.f. value 2/	2,721.3	3,601.7	(NA)	(NA)	(NA)
General imports by district of unloading:					
Customs value 1/	4,256.4	5,630.2	(NA)	(NA)	(NA)
C.i.f. value 2/	4,435.2	5,849.9	(NA)	(NA)	(NA)
Imports for consumption by district of entry (customs value 1/)	2,298.7	2,875.7	(NA)	(NA)	(NA)
Exports of domestic and foreign merchandise by district of export (f.a.s. value 3/)	1,182.7	702.7	(NA)	(NA)	(NA)
Exports of merchandise by location of exporter 4/					
Commodities	243.5	368.8	319.1	392.0	(5/)
Manufactured commodities	210.4	267.2	270.3	343.9	(5/)
Non-manufactured commodities	173.5	209.9	227.3	277.4	(5/)
Reexports 6/	36.9	57.8	43.0	66.5	(5/)
Reexports 6/	33.1	101.2	48.8	48.1	(5/)
Exports of merchandise by origin of movement 7/					
Commodities	273.6	386.8	369.9	513.7	368.2
Manufactured commodities	234.5	312.9	340.3	487.8	324.6
Non-manufactured commodities	191.6	241.7	279.6	397.4	249.7
Reexports 6/	42.9	71.2	60.7	90.4	74.9
Reexports 6/	39.1	73.8	29.5	25.9	43.5

NA Not available.

1/ Prices paid by the buyer to the seller in accordance with 1979 Trade Agreement Act amendments to the 1930 Tariff Act.

2/ Cost, insurance and freight.

3/ 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 based on 1987 Standard Industrial Classification (SIC) and 2000-2002 based on the North America Industry Classification System. Merchandise exports allocated by zip code of location of exporter.

5/ The U.S. Census Bureau discontinued the state export series based on the exporter location (exhibit 2a) after the December 2002 estimates.

6/ Not available by state prior to 1996 from U.S. Census Bureau, alternate source is U.S. Department of Commerce, International Trade Administration.

7/ 1996-1999 based on 1987 Standard Industrial Classification (SIC) and 2000-2003 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.

Source: U.S. Census Bureau, *U.S. Merchandise Trade: Selected Highlights, FT920*, for December 1999-2000, tables 1, 4, 5 and 6, and *U.S. Merchandise Trade, FT900 Supplement*, for December 1999-2002 exhibit 2 and 2A at <<http://www.census.gov/foreign-trade/www/press.html>> accessed September 17, 2003; for 2003 exhibit 2 <<http://www.census.gov/foreign-trade/Press-Release/2003pr/12/exh2s.pdf>> accessed June 18, 2004. U.S. Department of Commerce, International Trade Administration, "State Exports to Countries and Regions", 1995-2002 <<http://www.ita.doc.gov/td/industry/otea/state/>> accessed September 17, 2003; and "State by Top 25 Commodities - 2003" <<http://www.census.gov/foreign-trade/statistics/state/hs/2003/hi.pdf>> accessed April 12, 2004.

Table 24.03-- FOREIGN TRADE THROUGH THE HAWAII CUSTOMS DISTRICT, BY METHOD OF TRANSPORTATION: 1992 TO 2000

[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
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

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 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, and 2000* tables 1 and 6.

**Table 24.04-- FOREIGN-TRADE ZONE AND SUBZONE OPERATIONS:
1999 TO 2003**

[Fiscal year ended September 30. Subzone No. 9-B, HFM filed deactivation request on June 29, 1999. Deactivation pending. Subzone No. 9-C, Dole Packaged Foods Co. deactivated on February 26, 1996]

Subject	1999	2000	2001	2002	2003
Zone No. 9, General Purpose:					
Firms using zone	269	253	298	299	299
User employment at zone 1/	202	351	462	563	596
Value of merchandise (\$1,000): 2/					
In/out 3/	373,336	616,204	564,644	520,654	760,239
Exports 3/	146,775	212,789	217,008	142,561	170,704
Revenue 4/ (\$1,000)	1,421	1,474	1,553	1,576	(NA)
Expenditures 4/ (\$1,000)	1,231	1,253	1,174	1,542	(NA)
Subzone No. 9-A, Tesoro Hawaii, Corp. 5/:					
User employment at subzone 1/	372	332	205	215	221
Employment at subzone					
Value (\$1,000): 2/					
Merchandise, in/out	942,673	1,557,329	1,855,447	1,566,753	1,881,243
Exports	103,211	149,704	131,774	120,714	109,600
Subzone No. 9-D, Maui Pineapple Co. Ltd.:					
User employment at subzone 1/	565	563	559	552	508
Value (\$1,000): 2/					
Merchandise, in/out	111,295	109,488	109,525	98,988	96,285
Exports	1,482	2,071	1,578	1,661	2,439
Subzone No. 9-E, Chevron U.S.A. Products Co. Hawaii Refinery:					
User employment at subzone 1/	179	184	186	196	196
Value (\$1,000): 2/					
Merchandise, in/out	547,221	1,007,560	1,116,821	861,127	1,120,151
Exports	45,579	43,129	58,111	50,030	42,318
Subzone No. 9-F, Citizens Utilities Company dba The Gas Company's Synthetic Natural Gas (SNG) Facility 6/					
User employment at subzone 1/	35	33	32	34	34
Value (\$1,000):					
Merchandise, in/out	29,232	39,610	40,152	38,283	41,013

Continued on next page.

**Table 24.04-- FOREIGN-TRADE ZONE AND SUBZONE OPERATIONS:
1999 TO 2003 -- Con.**

NA Not available.

1/ For firms occupying facilities on a continuing basis only. Revised to count employment at the Zone, therefore, excludes downtown or other support site employment.

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 ended 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/ On March 18, 1997, the Citizens' Utilities Company was granted its own subzone status. It was formerly part of Subzone 9-A.

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 June 9, 2004.

**Table 24.05-- COMMODITY EXPORTS TOTAL AND TO TOP
25 FOREIGN COUNTRIES: 2000 TO 2003**

[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 order of 2003 totals]

Country	2000	2001	2002	2003
Total	386.8	369.9	513.7	368.2
To Top 25 foreign countries	379.7	357.3	503.3	364.2
Japan	211.4	140.3	163.7	147.9
Malaysia	0.5	0.3	6.7	63.5
Korea, South	45.2	55.6	22.5	33.6
Canada	30.3	24.2	19.0	19.6
New Zealand	20.4	63.3	97.9	19.3
China	5.0	13.4	8.0	12.9
Federal Republic of Germany	4.3	3.3	3.9	10.8
Hong Kong	9.6	10.5	8.7	10.1
France	2.0	7.7	2.8	8.7
Philippines	4.5	5.3	4.9	6.4
Singapore	9.9	6.6	77.1	5.6
Thailand	1.7	1.4	3.6	5.3
United Kingdom	3.2	1.9	2.0	4.5
Marshall Islands	9.4	2.8	2.6	3.3
Taiwan	5.2	7.6	17.0	2.3
Netherlands	2.0	1.3	2.8	1.7
Australia	6.2	2.1	54.7	1.5
Italy	0.4	1.7	1.3	1.4
Sweden	0.8	0.3	0.3	1.4
Saudi Arabia	-	-	-	1.2
Switzerland	1.4	1.0	0.3	0.8
French Polynesia	0.5	1.4	0.1	0.7
India	0.3	2.4	0.4	0.5
Mexico	2.4	2.0	2.9	0.5
Chile	3.3	0.8	0.1	0.4

Source: U.S. Census Bureau, Foreign-Trade Division "State by Top 25 Countries - 2003"
<<http://www.census.gov/foreign-trade/statistics/state/country/2003/hi.pdf>> accessed April 12, 2004.

Table 24.06-- TOTAL AND TOP 25 CATEGORIES OF COMMODITY EXPORTS TO FOREIGN COUNTRIES: 2000 TO 2003

[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. Sorted with highest value in 2003 at top]

Country	2000	2001	2002	2003
All Commodities	386.8	369.9	513.7	368.2
Top 25 Commodities	98.5	134.3	416.1	271.2
Light oils from petroleum & bitumenous	-	-	77.2	71.2
Airplanes of an unladen weight greater than 15,000	-	40.0	212.4	56.5
Ferrous waste & scrap	11.8	10.0	14.8	18.5
Gas turbines	-	0.1	7.4	14.7
Turbojets	20.8	4.6	12.2	13.9
Patent leather handbags	0.5	0.5	2.4	11.8
Papayas, fresh	9.9	10.4	8.5	9.1
Parts of airplanes or helicopters	10.6	25.2	4.5	7.3
Cocoa preparations	8.5	7.8	6.5	6.7
Exports of military equipment	2.2	0.1	28.7	6.5
Navigation instruments & appliances	3.7	5.9	4.9	5.3
Patent leather articles for pocket or handbag	-	0.1	3.2	4.8
Passenger vehicles	-	-	1.2	4.6
Seaweed & other algae	3.2	3.4	4.0	4.2
Paintings, drawings and pastels by hand	12.1	6.2	3.8	3.9
Digital automatic data processing machines	3.3	4.6	5.3	3.8
Instruments & appliances for medical science	0.8	0.1	2.2	3.7
Commingled food exports, donated for relief	2.4	3.3	3.1	3.3
Waste oils	-	-	-	3.3
Nuts and seeds, prepared	3.3	5.8	4.7	3.2
Fermented beverages	-	-	-	3.2
Motorcycles	0.3	0.2	1.8	3.0
Stainless steel waste and scrap	0.3	0.8	3.0	3.0
Coffee, not roasted, not decaffeinated	2.2	3.2	1.8	3.0
Live bovine animals	2.5	2.0	2.6	2.6

Source: U.S. Census Bureau, Foreign-Trade Division "State by Top 25 Commodities - 2003"
 <<http://www.census.gov/foreign-trade/statistics/state/hs/2003/hi.pdf>> accessed April 12, 2004.

**Table 24.07--FOREIGN AGRICULTURAL EXPORTS ESTIMATED VALUE
FOR HAWAII AND THE UNITED STATES: 1973 TO 2003**

[In millions of dollars. Reported for fiscal year ending September 30]

Year 1/	Hawaii	United States	Year 1/	Hawaii	United States
1973	19.7	12,043.9	1989	40.7	39,651.0
1974	20.9	20,023.7	1990 2/	66.8	40,349.4
1975	26.6	21,854.3	1991 2/	79.7	37,756.9
1976	24.9	22,760.4	1992 2/	80.5	42,598.3
1977	58.6	24,013.4	1993 2/	74.1	42,831.5
1978	19.1	27,306.2	1994 2/	70.5	43,911.4
1979	19.7	31,982.8	1995 2/	83.9	54,644.0
1980	41.6	40,481.4	1996 2/	89.1	59,751.9
1981	44.6	43,780.1	1997 2/	95.7	57,269.2
1982	39.6	39,094.5	1998 2/	83.1	53,652.9
1983	37.7	34,771.2	1999 2/	86.5	49,043.3
1984	16.1	38,026.8	2000 2/	85.2	50,743.8
1985	36.0	31,200.8	2001 3/	81.6	52,698.2
1986	30.8	26,324.7	2002 3/	76.9	53,291.2
1987	32.0	27,875.2	2003	82.1	56,186.4
1988	38.0	35,378.7			

1/ Data from 1990 forward is updated using consistent methodology and commodity coverage. Data for 1989 and prior may be kinked due to differences in methodology and commodity coverage.

2/ Hawaii data revised from previous *Data Book*.

3/ Hawaii and United States data revised from from previous *Data Book*.

Source: U.S. Department of Agriculture, Economic Research Service, "ERS/USDA State Export History, by State, Commodity exports by State historical (time series) data, fiscal years 1973-2003" <<http://www.ers.usda.gov/data/stateexports/SXHS.xls>> accessed July 30, 2003, and calculations by Hawaii State Department of Business, Economic Development & Tourism.

**Table 24.08-- FOREIGN AGRICULTURAL EXPORTS, BY COMMODITY
GROUP FOR HAWAII AND THE UNITED STATES: 1999 TO 2003**

[In millions of dollars. Reported for fiscal year ending September 30. Estimates for 1999-2002
are revised]

Export	1999	2000	2001	2002	2003
Hawaii total 1/	86.5	85.2	81.6	76.9	82.1
Wheat and products	0.0	0.0	0.0	6.1	6.8
Fruit and preps.	55.9	47.9	39.7	32.4	35.7
Tree nuts	7.9	11.3	11.5	12.6	15.0
Vegetables and preps.	0.6	1.2	1.1	0.4	0.0
Live animals and meat	1.9	2.1	2.0	1.6	1.6
Hides and skins	0.4	0.5	0.6	0.5	0.5
Poultry and products	0.7	0.6	0.5	0.5	0.4
Fats, oils, and greases	0.2	0.2	0.1	0.1	0.1
Feeds and fodders	4.9	5.8	8.3	6.6	5.2
Seeds	0.4	0.9	0.7	1.0	0.5
Other 2/	13.8	14.9	16.9	15.2	16.2
United States total	49,043.3	50,743.8	52,698.2	53,291.2	56,186.4
Wheat and products	4,846.4	4,586.0	4,508.8	4,793.6	5,326.8
Rice	1,118.3	1,004.4	841.9	832.7	1,021.2
Feed grains	6,984.2	6,605.7	6,533.7	6,795.6	6,731.0
Soybeans and products	6,519.1	6,648.0	6,809.9	7,332.1	8,287.5
Sunflowerseed and products	327.9	244.2	205.2	218.2	117.0
Peanuts and products	222.3	273.9	170.2	258.3	187.7
Cotton and linters	1,305.9	1,829.2	2,092.5	2,051.6	2,726.7
Cottonseed and products	61.2	90.8	86.9	97.5	102.9
Unmanfctd.tobacco	1,376.4	1,226.8	1,181.3	1,148.4	998.6
Fruit and preps.	3,285.5	3,380.2	3,501.7	3,433.5	3,545.3
Tree nuts	1,077.7	977.7	1,131.4	1,232.8	1,489.9
Vegetables and preps.	4,253.3	4,440.4	4,511.2	4,545.3	4,675.6
Live animals and meat	5,256.5	6,406.6	6,293.2	6,098.5	6,483.0
Hides and skins	1,110.1	1,428.4	1,932.9	1,777.3	1,790.3
Poultry and products	2,061.5	2,235.4	2,518.6	2,280.1	2,105.4
Fats, oils, and greases	543.9	421.5	320.0	428.0	538.5
Dairy products	914.9	998.5	1,120.9	1,031.4	1,033.6
Feeds and fodders	1,657.6	1,859.8	2,143.7	1,950.5	1,998.7
Seeds	794.2	771.8	727.1	833.3	813.1
Other 2/	5,326.5	5,314.6	6,067.0	6,152.6	6,213.9

1/ Rice, feed grains, soybeans and products, sunflowerseed and products, peanuts and products, cotton and linters, cottonseed and products, unmanufactured tobacco, and dairy products are zero for this period.

2/ Other includes miscellaneous oilseeds, sugar and tropical products, nursery and greenhouse, essential oils, beverages other than juice, and miscellaneous animal products.

Source: U.S. Department of Agriculture, Economic Research Service, "U.S. agricultural exports: Estimated value, by commodity group and State, FY 1973-2003"

<<http://www.ers.usda.gov/data/stateexports/SXHS.xls>> accessed June 30, 2004.

Table 24.09-- PROFILE OF EXPORTING COMPANIES, UNITED STATES AND HAWAII: 1998 TO 2001

[In number, millions of dollars, and percent

Characteristic	1998 Exports		1999 Exports		2000 Exports		2001 Exports	
	U.S.	Hawaii	U.S.	Hawaii	U.S.	Hawaii	U.S.	Hawaii
Exporter location 1/								
Value of exports	682,138	211	695,797	244	(NA)	(NA)	(NA)	(NA)
Value as percent of total	100.0	(D)	100.0	(D)	(NA)	(NA)	(NA)	(NA)
Known value 2,	559,641	178	584,724	205	(NA)	(NA)	(NA)	(NA)
Percent of known value	100.0	(D)	100.0	(D)	(NA)	(NA)	(NA)	(NA)
Number of exporters	215,259	673	231,420	708	(NA)	(NA)	(NA)	(NA)
Percent of number of exporters	100.0	0.3	100.0	0.3	(NA)	(NA)	(NA)	(NA)
Percent change from year previous								
Value as percent of total	-1.0	-30.4	2.0	15.6	(NA)	(NA)	(NA)	(NA)
Percent of known value	-0.6	-29.6	4.5	15.2	(NA)	(NA)	(NA)	(NA)
Percent of number of exporters	2.8	-26.0	7.5	5.2	(NA)	(NA)	(NA)	(NA)
State of Origin of Movement								
Value of exports	682,138	276	695,797	274	781,918	387	729,100	370
Value as percent of total	100.0	(D)	100.0	(D)	100.0	(D)	100.0	0.1
Known value 2,	559,641	236	584,724	233	668,310	333	623,394	307
Percent of known value	100.0	(D)	100.0	(D)	100.0	(D)	100.0	(D)
Number of exporters	215,259	659	231,420	716	246,452	808	238,284	748
Percent of number of exporters	100.0	0.3	100.0	0.3	100.0	0.3	100.0	0.3
Percent change from year previous								
Value as percent of total	-1.0	-17.4	2.0	-0.7	12.4	41.2	-6.8	-4.4
Percent of known value	-0.6	-17.8	4.5	-1.3	14.3	42.9	-6.7	-7.8
Percent of number of exporters	2.8	-5.0	7.5	8.6	6.5	12.8	-3.3	-7.4

D Less than 0.05 percent.

NA Not available.

1/ The Exporter Location designation was not reported in the 2000-2001 publication and will be discontinued as of January 2003. See <<http://www.census.gov/foreign-trade/Press-Release/notice.html>>.

2/ Defined as portion of total U.S. exports that could be matched to specific companies.

Source: U.S. Bureau of the Census, *Profile of U.S. Exporting Companies, 1998-1999*, pp. 25-28 and *Ibid, 2000 - 2001*, pp. 26-29.

Table 24.10-- AGRICULTURAL LANDHOLDINGS OF FOREIGN OWNERS: DECEMBER 31, 1997 TO FEBRUARY 28, 2003

[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. Approximate land area 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. For 1996 and 1997, based on U.S. Department of Agriculture 1987 estimate of 1,998,000 privately-owned acres of land in the state; and for 2000, 2002 and 2003, on a Bureau of the Census 1990 approximation of 4,111,000 acres. Data are as of December 31, 1997, February 29, 2000 and February 28, 2002 and 2003]

Subject	1997	2000	2002	2003
Parcels owned by foreigners	101	101	99	99
Individuals	22	(NA)	(NA)	(NA)
Organizations	79	(NA)	(NA)	(NA)
Privately owned agricultural land (1,000's) 1/	(NA)	1,986	1,986	1,986
Acres owned by foreigners	180,073	190,063	167,164	167,164
Percent of all privately owned agric. land 2/	9.0	9.6	8.4	8.4
Individuals	2,055	(NA)	(NA)	(NA)
Organizations	178,018	(NA)	(NA)	(NA)
Value of foreign-owned agric. land (\$1,000):				
At time of acquisition	660,801	(NA)	(NA)	(NA)
Reported current value	659,525	(NA)	(NA)	(NA)
Adjusted current value	895,489	(NA)	(NA)	(NA)

NA Not available.

1/ Preliminary estimate based on unpublished USDA, Economic Research Service 1997 data.

2/ The 2003 percentage for Hawaii ranked 2nd (rank of 1 assigned to the highest) among the 50 States, exceeded only by Maine at 17.8 percent and well above the national percentage of 1.2 percent.

Source: U.S. Department of Agriculture, Economic Research Service, *Foreign Ownership of U. S. Agricultural Land Through December 31, 1997* (Statistical Bulletin No. 943, September 1998), pp. 5, 8, and 12; and <<http://usda.mannlib.cornell.edu/data-sets/land/87015/>>, accessed June 18, 1999. For 2000, USDA Farm Service Agency, *Foreign Ownership of U. S. Agricultural Land Through February 29, 2000* ; *Foreign Ownership of U. S. Agricultural Land Through February 28, 2002* , Reports 1 and 3; and *Foreign Ownership of U. S. Agricultural Land Through February 28, 2003* , Reports 1 and 3.

**Table 24.11-- AGRICULTURAL AND NONAGRICULTURAL LANDHOLDINGS
OF FOREIGN OWNERS, BY COUNTRY AND BY COUNTY:
FEBRUARY 28, 2003**

[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 1980 estimate from the U.S. Bureau of the Census Geography Division there were 4,112,000 acres of land in the state. For 2003, on a Bureau of the Census 1990 approximation of 4,111,000 acres]

Subject	State	Honolulu	Hawaii	Kauai	Maui
Parcels owned by foreigners	99	10	69	5	15
Use of agricultural landholdings of foreign owners					
Cropland	41,749	994	37,915	132	2,708
Pasture	84,359	-	33,847	2,844	47,668
Forest	7,071	-	1,730	4,201	1,140
Other agriculture	33,985	1,117	30,656	655	1,557
Non agriculture	4,980	3,193	1,173	41	573
Acres owned by foreigners	172,144	5,304	105,321	7,873	53,646
Canada	66	-	66	-	-
France	-	-	-	-	-
Germany	407	-	23	384	-
Switzerland	216	-	-	216	-
United Kingdom	3,128	-	3,128	-	-
All others	168,327	5,304	102,104	7,273	53,646

Source: U.S. Department of Agriculture, Farm Service Agency, *Foreign Ownership of U. S. Agricultural Land Through February 28, 2003*, Reports 2 and 3.

**Table 24.12-- REAL PROPERTY HOLDINGS OF FOREIGN PERSONS ON OAHU:
1997 TO 2003**

[Foreign investments in real property on Oahu, reported in accordance with Honolulu Ordinance No. 90-68, requiring all foreign persons to report real property holdings to the City and County Director of Finance. Reporting is thought to be incomplete. No report was issued in 2002. 2003 is the final report as Ordinance 90-68 was repealed by Ordinance 04-03 on February 27, 2004. The closing date for the report for any given year is variously December of the report year to February of the following year, except 2003 when the closing date was October 8, 2003]

Subject	Parcels					
	1997	1998	1999	2000	2001	2003
All property	250,320	252,587	254,282	256,839	258,162	1/
Foreign holdings	3,968	3,081	2,708	2,431	2,151	1,770
Percent	1.6	1.2	1.1	0.9	0.8	1/
Foreign holdings by land class:						
Improved residential	501	448	381	336	304	221
Apartment	2,804	2,151	1,780	1,584	1,420	1,238
Commercial	169	153	128	116	96	101
Industrial	15	15	13	13	11	9
Agricultural	20	20	18	4	4	2
Conservation	7	4	4	2	2	1
Hotel and resort	448	288	382	374	313	196
Unimproved residential	4	2	2	2	1	2
Subject	Assessed value (millions of dollars) 2/					
	1997	1998	1999	2000	2001	2003
All property	86,985	83,375	78,066	72,766	70,753	74,513
Foreign holdings	3,075	2,585	2,307	2,036	1,665	1,642
Percent	3.5	3.1	3.0	2.8	2.4	2.2
Foreign holdings by land class:						
Improved residential	387	332	274	250	225	214
Apartment	789	557	419	371	335	337
Commercial	306	214	140	125	119	140
Industrial	91	84	65	65	52	50
Agricultural	4	4	3	3/	3/	3/
Conservation	1	1	1	1	1	1
Hotel and resort	1,487	1,390	1,402	1,222	932	900
Unimproved residential	8	2	2	2	1	1

1/ The number of parcels is not available for 2002-2003 when there were 252,435 records. Correspondingly, there were 259,456 records in 2000-2001.

2/ Net taxable valuation.

3/ Assessed values for 2000, 2001 and 2003 are \$357,800; \$357,800 and \$244,600 respectively.

Source: City and County of Honolulu, Department of Finance, Real Property Division *Foreign Investments in Real Property Within the City and County of Honolulu for 1996* (January 31, 1997); 1997 (February 2, 1998); 1998 (February 18, 1999); 1999 (May 22, 2000 and as corrected); 2000 (tables dated February 8, 2001); 2001 (email July 10, 2002) and 2003 (October 8, 2003) submitted to the Honolulu City Council; City and County of Honolulu, Department of Finance, *Real Property Tax Valuations, Tax Rates & Exemptions, State of Hawaii* (annually, in July), and for 2002-2003 <<http://www.co.honolulu.hi/rpa/staterpt.htm>> accessed September 24, 2002.

**Table 24.13-- REAL PROPERTY HOLDINGS OF FOREIGN PERSONS
ON OAHU BY COUNTRY, NUMBER OF PARCELS: 1997 TO 2003**

[Foreign investments in real property on Oahu, reported in accordance with Honolulu Ordinance No. 90-68, requiring all foreign persons to report real property holdings to the City and County Director of Finance. Reporting is thought to be incomplete. No report was issued in 2002. 2003 is the final report as Ordinance 90-68 was repealed by Ordinance 04-03 on February 27, 2004. The closing date for the report for any given year is variously December of the report year to February of the following year]

Country	1997	1998	1999	2000	2001	2003
Total	3,968	3,081	2,708	2,431	2,151	1,770
Argentina	1	1	1	1	1	1
Australia	26	20	17	14	10	10
Austria	2	2	2	2	2	1
Bahamas	1	1	6	6	6	6
Barbados	1	1	1	1	-	-
Belgium	1	1	1	1	1	1
Bermuda	14	12	10	8	7	6
British Virgin Isle	4	4	4	4	3	2
British West Indies	1	1	1	1	1	1
Canada	207	146	138	109	99	84
Cayman Island(s)	1	1	1	1	1	1
China	42	41	32	31	27	26
Dominican Republic	1	1	1	1	1	1
England	36	29	27	25	23	19
France	44	39	33	32	29	25
French Polynesia	6	5	5	5	5	2
Germany	13	10	9	8	7	4
Holland	4	3	3	3	3	3
Hong Kong	63	55	57	52	46	39
India	2	2	2	2	2	1
Indonesia	8	8	8	8	6	2
Italy	1	1	1	1	1	-
Japan	3,299	2,533	2,198	1,979	1,756	1,448
Korea	45	38	36	33	27	21
Lebanon	2	2	2	-	-	-
Liberia	6	6	4	4	4	2
Macau	1	-	-	-	-	-
Malaysia	4	3	2	2	2	1
Micronesia	2	2	2	1	-	-
Netherlands Antilles	9	9	12	12	11	10
New Zealand	5	5	4	3	2	2

Continued on next page.

**Table 24.13-- REAL PROPERTY HOLDINGS OF FOREIGN PERSONS ON OAHU
BY COUNTRY, NUMBER OF PARCELS: 1997 TO 2003 -- Con.**

Country	1997	1998	1999	2000	2001	2003
Panama	1	1	1	1	1	1
Philippines	29	25	22	22	18	11
Portugal	1	1	1	1	1	-
Saudi Arabia	3	3	3	3	1	1
Singapore	10	7	6	6	5	3
Sweden	4	3	3	1	1	1
Switzerland	9	6	4	4	3	2
Tahiti	11	10	11	11	10	10
Taiwan	38	34	30	26	24	18
Thailand	9	9	7	6	4	4
United Arab Emirates	1	-	-	-	-	-

Source: City and County of Honolulu, Department of Finance, Real Property Division, *Foreign Investments in Real Property Within the City and County of Honolulu for 1997* (February 2, 1998); *1998* (February 18, 1999); *1999* (May 22, 2000 and as corrected); *2000* (tables dated February 8, 2001); *2001* (email July 10, 2002) and *2003* (tables dated October 8, 2003) submitted to the Honolulu City Council.

**Table 24.14-- REAL PROPERTY HOLDINGS OF FOREIGN PERSONS ON
OAHU BY COUNTRY, ASSESSED VALUE: 1997 TO 2003**

[Value in thousands of dollars. Foreign investments in real property on Oahu, reported in accordance with Honolulu Ordinance No. 90-68, requiring all foreign persons to report real property holdings to the City and County Director of Finance. Reporting is thought to be incomplete. No report was issued in 1993 nor 2002. The closing date for the report for any given year is variously December of the report year to February of the following year, except for 2003 where the closing date was October 8, 2003]

Country	1997	1998	1999	2000	2001	2003
Total	3,074,944.5	2,584,680.4	2,307,046.9	2,036,049.6	1,664,670.4	1,642,372.6
Argentina	123.2	117.0	117.0	114.2	114.2	110.5
Australia	12,266.4	9,777.7	8,049.2	7,777.7	3,874.4	4,879.0
Austria	519.4	493.2	484.5	511.7	511.7	457.7
Bahamas	8,245.4	8,287.7	11,882.9	12,184.2	12,184.2	9,971.3
Barbados	1,643.9	1,660.7	1,831.3	1,972.9	-	-
Belgium	172.0	154.8	154.8	156.1	156.1	427.2
Bermuda	16,825.1	12,819.6	10,002.6	8,804.5	8,187.5	5,617.0
British Virgin Isle	2,032.0	1,869.6	1,782.0	2,106.0	1,639.9	965.7
British West Indies	254.1	203.3	194.9	204.5	204.5	412.8
Canada	42,886.7	28,168.2	25,118.0	21,939.0	20,843.2	60,560.9
Cayman Island(s)	1,303.9	1,238.7	959.6	949.7	949.7	536.3
China	10,200.6	8,938.9	6,047.1	5,967.3	5,233.2	17,150.6
Dominican Republic	248.2	224.8	210.7	238.7	238.7	432.5
England	11,174.9	9,033.8	7,176.9	7,382.8	7,121.1	8,123.2
France	22,918.7	20,779.8	18,341.2	18,229.4	17,686.2	8,502.4
French Polynesia	1,814.7	1,500.6	1,392.6	1,395.5	1,395.5	1,918.3
Germany	4,153.5	3,049.6	2,686.5	2,289.8	2,160.5	2,251.5
Holland	839.9	698.2	676.6	670.0	670.0	1,225.5
Hong Kong	34,066.1	29,395.7	15,672.0	13,995.3	12,890.7	17,592.7
India	477.2	416.1	422.4	462.2	462.2	342.7
Indonesia	1,656.9	1,443.1	1,425.8	1,484.8	1,082.6	561.8
Italy	111.0	88.8	75.3	73.7	73.7	-
Japan	2,832,862.2	2,388,443.0	2,140,081.8	1,878,367.2	1,524,695.5	1,458,936.9
Korea	17,505.5	14,649.4	12,983.8	12,518.0	10,486.6	8,166.7
Lebanon	612.8	584.2	555.8	-	-	-
Liberia	2,660.1	2,537.2	833.2	933.1	933.1	418.5
Macau	219.9	-	-	-	-	-
Malaysia	622.6	1,049.0	307.9	310.4	310.4	249.2
Micronesia	1,046.2	1,591.4	1,620.6	413.7	-	-
Netherlands Antilles	9,804.0	7,950.8	12,982.4	13,405.9	13,035.5	15,652.3
New Zealand	1,123.5	962.6	835.1	703.0	463.0	398.2
Panama	259.4	198.0	209.6	193.6	193.6	256.6
Philippines	7,180.2	5,394.8	4,193.0	3,990.4	3,154.4	3,028.2
Portugal	397.3	394.8	354.9	354.8	354.8	-

Continued on next page.

**Table 24.14-- REAL PROPERTY HOLDINGS OF FOREIGN PERSONS ON OAHU BY COUNTRY,
ASSESSSED VALUE: 1997 TO 2003 -- Con.**

Country	1997	1998	1999	2000	2001	2003
Saudi Arabia	576.3	490.8	473.8	466.2	213.4	249.1
Singapore	2,516.9	1,336.8	1,172.3	1,175.4	752.9	701.2
Sweden	1,085.1	798.6	810.3	91.8	91.8	1,023.0
Switzerland	2,450.4	1,277.0	1,057.4	1,099.4	699.4	690.8
Tahiti	1,914.3	1,458.2	1,533.1	1,561.1	1,433.0	1,906.8
Taiwan	15,039.3	12,258.1	10,669.9	10,040.9	9,213.1	7,411.6
Thailand	2,984.1	2,945.8	1,668.1	1,514.7	960.1	1,243.9
Turkey	-	-	-	-	-	-
United Arab Emirates	150.6	-	-	-	-	-

Source: City and County of Honolulu, Department of Finance, Real Property Division, *Foreign Investments in Real Property Within the City and County of Honolulu* for 1997 (February 2, 1998); 1998 (February 18, 1999); 1999 (May 22, 2000 and as corrected); 2000 (tables dated February 8, 2001); 2001 (email July 10, 2002) and 2003 as of October 8, 2003.

Table 24.15-- FOREIGN DIRECT INVESTMENT IN HAWAII IN GROSS PROPERTY, PLANT, AND EQUIPMENT OF NONBANK AFFILIATES, BY COUNTRY OF ULTIMATE BENEFICIAL OWNER: 1977 TO 2001

[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. Data for 2000 are revised. Data for 2001 are preliminary]

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	15,547	14,958	13,163	950	449	66	507	149	68
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	9,950	8,501	8,178	38	285	25	1,040	247	137

Values between -0.05 and 0.05 are rounded to zero for 1987-1997.

D Not disclosed.

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.

Source: U.S. Department of Commerce, *Foreign Direct Investment in the United States, Operations of U.S. Affiliates of Foreign Companies* (annual) and for 2000 <<http://www.bea.gov/bea/di/di1fdiop.htm>> accessed August 5, 2003; *Foreign Direct Investment in the United States: Benchmark Survey, Final Results* (various years) and <<http://www.bea.doc.gov/bea/ai/newiid.htm>> accessed January 13, 2004; and Hawaii State Department of Business, Economic Development & Tourism calculations.

Table 24.16-- EMPLOYMENT OF NONBANK AFFILIATES IN HAWAII, BY COUNTRY OF AFFILIATE: 1977 TO 2001

[Data for Hawaii nonbank affiliates owned 10 percent or more, directly or indirectly, by a foreign person. Employment in thousands. Data for 2000 are revised. Data for 2001 are preliminary]

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	(D)	(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	41.8	28.0	27.0	(D)	(D)	0.8	8.1	3.9	1.0

D Not disclosed.

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.

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*, table G-8 (various years) and <<http://www.bea.doc.gov/bea/ai/newiid.htm>> accessed October 6, 2003; and Hawaii State Department of Business, Economic Development & Tourism calculations.

Table 24.17-- FOREIGN DIRECT INVESTMENT IN HAWAII IN GROSS PROPERTY, PLANT, AND EQUIPMENT OF NONBANK AFFILIATES, BY INDUSTRY OF AFFILIATE: 1977 TO 2001

[Investment by Hawaii nonbank affiliates of U.S. business enterprises owned 10 percent or more, directly or foreign by country of ultimate beneficial owner. In millions of dollars. Data for 1996 are the last year presented to the International Survey Industry based on the 1987 Standard Industrial Classification. Data for 2000 are revised. Data for 2001 are preliminary. See Table 24.19 for detailed 1997-2001 estimates]

Year	All industries	Petro-leum	Manufac-turing	Wholesale trade	Retail trade	Finance, nonbank	Insur-ance	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	15,547	(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	9,950	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

D Data not disclosed.

NA Not available.

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*, table D-12 (various years) and <<http://www.bea.doc.gov/bea/ai/newiid.htm>> accessed October 6, 2003; and Hawaii State Department of Business, Economic Development & Tourism calculations.

**Table 24.18-- EMPLOYMENT OF NONBANK AFFILIATES IN HAWAII,
BY INDUSTRY OF AFFILIATE: 1977 TO 2001**

[Data for Hawaii nonbank affiliates of U.S. business enterprises owned 10 percent or more, directly or indirect 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. Data for 2000 are revised. Data for 2001 are preliminary. See Table 24.19 for detailed 1997-2001 estimates]

Year	All industries 1/	Petro- leum	Manufac- turing	Wholesale trade	Retail trade	Finance, nonbank	Insur- ance	Real estate	Services & Other	Services	Other
1977	11.4	(D)	0.6	0.4	2.9	0.0	0.2	0.2	(D)	(NA)	(NA)
1978	11.9	(D)	0.8	0.6	3.2	0.0	0.2	0.2	(D)	(NA)	(NA)
1979	14.7	(D)	1.3	0.7	4.0	0.0	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	0.0	1.3	1.3	5.1	0.2	1.4	0.6	17.4	11.0	6.4
1988	34.8	0.0	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	G	2.4	1.9	9.1	0.1	F	2.6	30.6	23.4	7.2
1996	47.5	G	2.2	1.5	I	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	41.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

D Data not disclosed.

NA Not available.

Note: Size ranges are given for employment cells that are suppressed. The size ranges are: A--1 to 499; F--500 to 999; G--1,000 to 2,499; H--5,000 to 9,999; I--10,000 to 49,999; L--50,000 to 99,999; M--100,000 or more.

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*, table G-7 (various years) and <<http://www.bea.doc.gov/bea/ai/newiid.htm>> accessed October 6, 2003; and Hawaii State Department of Business, Economic Development & Tourism calculations.

Table 24.19-- FOREIGN DIRECT INVESTMENT IN HAWAII IN GROSS PROPERTY, PLANT, AND EQUIPMENT OF NONBANK AFFILIATES AND EMPLOYMENT, BY INDUSTRY OF AFFILIATE: 1997-2001

[Investment by Hawaii nonbank affiliates of U.S. business enterprises owned 10 percent or more, directly or indirectly, by a foreign by country of ultimate beneficial owner. In millions of dollars and thousands of employees. Data for 2000 are revised. Data for 2001 are preliminary]

	All industries 1/	Manufacturing	Wholesale trade	Retail trade	Information	Finance (exc. depository inst) & insur.	Real estate, rental & leasing	Professional, scientific, & technical services	Other industries
Foreign Direct Investment									
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	9,950	242	278	621	258	86	3,105	5	5,355
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	41.8	2.3	3.9	6.3	0.6	1.2	1.9	0.1	25.6

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 24.17 and 24.18 for 1977-96 detailed estimates.

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* tables D-12 and G-7, (various years) and <<http://www.bea.doc.gov/bea/ai/newiid.htm>> accessed October 6, 2003; and Hawaii State Department of Business, Economic Development & Tourism calculatic

BIBLIOGRAPHY

This volume is the 36th 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 *2002 County of Hawaii Data Book*, a 512 page compendium, in December 2003 and this information is updated on a regular basis on the Internet site <http://www.hawaii-county.com/databook_current/dbbooktoc.htm>. *Maui County Data Book 2003*, 184 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 published in September 2003 <<http://www.hbrl-sbdc.org/mcdb/mcdb.htm>>. *Statistical Abstract of the Kauai Economy, 2002*, prepared by the Kauai County Office of Economic Development, appeared in June 2002.

Persons interested in data for other states or the nation as a whole should consult the *Statistical Abstract of the United States* and its companion volumes, the *State and Metropolitan Area Data Book* and *County and City Data Book* <<http://www.census.gov/statab/www/>>. The *Abstract* is an annual publication of the U.S. Census Bureau, initiated in 1878. The current edition is the 123rd, dated 2003; copies are available from the Superintendent of Documents, U.S. Government Printing Office, Pittsburgh, PA 15250. The *State and Metropolitan Area Data Book* and *County and City Data Book* are sold by the same agency. The ordering information and some of the publications may be viewed at the Census website <<http://www.census.gov/>>.

**Table A.-- PRINTING HISTORY OF THE STATE OF HAWAII DATA BOOK:
1993 TO 2003**

[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/

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

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* in addition to other statistical and economic information. The 2002 Hawai'i Data Disc became available in September 2002 and included the *Data Books* for 1998 through 2001. The latest CD-ROM, the 2003 Hawai'i Data Disc, was released in November 2003 and contained the *Data Books* for 2001 and 2002.

Since 1996, the *Data Book* and other DBEDT publications and information have been made available on the Internet. The current DBEDT site is <<http://www2.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.

For further information about available data and sources, users should call the DBEDT Library at (808) 586-2424.



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